

WORKING P A P E R

Search Strategy for ACOVE-3 Literature Reviews

ACOVE-3 INVESTIGATORS

WR-515/3

August 2007

This Working Paper is the technical appendix to an article published in a scientific journal. It has been subject to the journal's usual peer review process. **RAND®** is a registered trademark.

Literature and Guideline Search Strategies

BPH (Benign Prostatic Hyperplasia)

Guidelines and Quality Indicators Identified via Web Search

Asch, S and Franklin, JR. Benign Prostatic Hyperplasia. Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA eds. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND; 2000.

SEARCH #1

Database: Cochrane Reviews Database

Time Period Covered:

Search Strategy: benign prostatic hyperplasia OR urinary tract OR (bladder and stone*) OR hemauria

Number of Items Retrieved: 262

SEARCH #2

Database: Cochrane DARE Database

Time Period Covered:

Search Strategy: benign prostatic hyperplasia OR urinary tract OR (bladder and stone*) OR hemauria

Number of Items Retrieved: 61

SEARCH #3

Database: Cochrane DARE Database

Time Period Covered:

Search Strategy: benign prostatic hyperplasia OR urinary tract OR (bladder and stone*) OR hemauria

Number Of Items Retrieved: 359

SEARCH #4

Database: PubMed –

Time Period Covered: 1997-2005

Other Limiters: Human

Search Strategy: prostatic hyperplasia/diagnosis[majr] OR (benign prostatic hyperplasia[ti] AND diagnosis[mh] OR diagnosis[sh] OR diagnostic[ti] OR history[ti] OR examin*[ti])

Number Of Items Retrieved: 885

Search #5

Databases: Google

Time period covered: 1998-2005

Number of guidelines identified: 1

Breast Cancer

Guidelines and Quality Indicators Identified via Web Search

- 1 Adjuvant therapy for breast cancer. NIH Consensus Statement. National Institutes of Health; 2000 Nov.
- 2 Breast cancer screening clinical practice guidelines. Kaiser Permanente Southern California; 2003 Apr.
- 3 Breast cancer treatment. Institute for Clinical Systems Improvement; 2004.
- 4 Breast Disease: Guide to Prevention, Diagnosis and Treatment. Boston, MA: Brigham and Women's Hospital; 2001.
- 5 Breast irradiation in women with early stage invasive breast cancer following breast conserving surgery. Ontario, Canada: Cancer Care Ontario; 2002 Jan.
- 6 Chemoprevention of breast cancer: recommendations and rationale. *Ann Intern Med.* 2002 Jul 2; 137(1):56-8.
- 7 Management of ductal carcinoma in situ of the breast. Ontario, Canada: Cancer Care Ontario; 2003 Jan.
- 8 Minimal clinical recommendations for the diagnosis, treatment and follow-up of locally recurrent or metastatic breast cancer (MBC). European Society for Medical Oncology; 2003 Aug.
- 9 Minimal clinical recommendations for the diagnosis, treatment and follow-up of primary breast cancer: European Society for Medical Oncology; 2003 Aug.
- 10 Screening for breast cancer: recommendations and rationale. *Ann Intern Med.* 2002 Sep 3; 137(5 Part 1):344-6.
- 11 Standards for the management of ductal carcinoma in situ of the breast (DCIS). *CA Cancer J Clin.* 2002 Sep-2002 Oct 31; 52(5):256-76.
- 12 Surgical management of early stage invasive breast cancer. Ontario, Canada: Cancer Care Ontario; 2003 Jan.
- 13 AGS Clinical Practice Committee. Breast cancer screening in older women. 1999 Nov.
- 14 American Board of Family Practice. Carcinoma of the breast. Reference Guide. 2001.
- 15 Bast, R. C. Jr; Ravdin, P.; Hayes, D. F.; Bates, S.; Fritsche, H. Jr; Jessup, J. M.; Kemeny, N.; Locker, G. Y.; Mennel, R. G., and Somerfield, M. R. 2000 update of recommendations for the use of tumor markers in breast and colorectal cancer: clinical practice guidelines of the American Society of Clinical Oncology. *J Clin Oncol.* 2001 Mar 15; 19(6):1865-78.
- 16 Baxter, N. Preventive health care, 2001 update: should women be routinely taught breast self-examination to screen for breast cancer? *CMAJ.* 2001 Jun 26; 164(13):1837-46.

- 17 Eyre, H.; Kahn, R.; Robertson, R. M.; Clark, N. G.; Doyle, C.; Hong, Y.; Gansler, T.; Glynn, T.; Smith, R. A.; Taubert, K., and Thun, M. J. Preventing cancer, cardiovascular disease, and diabetes: a common agenda for the American Cancer Society, the American Diabetes Association, and the American Heart Association. *Circulation*. 2004 Jun 29; 109(25):3244-55.
- 18 Gifford, D. Breast Cancer Screening. Asch, SM; Kerr, EA; Hamilton, EG, and et. al. *Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators* . Santa Monica, CA: RAND; 2000.
- 19 Gifford, D and Schmidt, L. Breast Cancer Diagnosis and Treatment. Asch, SM; Kerr, EA; Hamilton, EG, and et. al. *Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators*. Santa Monica, CA: RAND; 2000.
- 20 Hillner, B. E.; Ingle, J. N.; Chlebowski, R. T.; Gralow, J.; Yee, G. C.; Janjan, N. A.; Cauley, J. A.; Blumenstein, B. A.; Albain, K. S.; Lipton, A., and Brown, S. American Society of Clinical Oncology 2003 update on the role of bisphosphonates and bone health issues in women with breast cancer. *J Clin Oncol*. 2003 Nov 1; 21(21):4042-57.
- 21 Kaiser Permanente Interregional Guidelines Steering Group. Breast cancer screening guideline. Kaiser Permanente; 2003 Sep.
- 22 Levine, M.; Moutquin, J. M.; Walton, R., and Feightner, J. Chemoprevention of breast cancer. A joint guideline from the Canadian Task Force on Preventive Health Care and the Canadian Breast Cancer Initiative's Steering Committee on Clinical Practice Guidelines for the Care and Treatment of Breast Cancer. *CMAJ*. 2001 Jun 12; 164(12):1681-90.
- 23 Liston, J.; Wilson, R.; Cooke, J.; Duncan, K.; Given-Wilson, R.; Kutt, E.; Michell, M.; Patnick, J.; Thompson, W.; Wallis, M., and Wilson, M. *Quality assurance guidelines for breast cancer screening radiology: NHSBSP publication no. 59*. UK: NHS Cancer Screening Programmes; 2005.
- 24 Morrow, M.; Strom, E. A.; Bassett, L. W.; Dershaw, D. D.; Fowble, B.; Giuliano, A.; Harris, J. R.; O'Malley, F.; Schnitt, S. J.; Singletary, S. E., and Winchester, D. P. Standard for breast conservation therapy in the management of invasive breast carcinoma. *CA Cancer J Clin*. 2002 Sep-2002 Oct 31; 52(5):277-300.
- 25 National Collaborating Centre for Primary Care. *Familial breast cancer: the classification and care of women at risk of familial breast cancer in primary, secondary and tertiary care*. London, UK: National Institute for Clinical Excellence (NICE); 2004 May.
- 26 National Committee for Quality Assurance . *Breast cancer screening. HEDIS 2005 Technical Specifications*. Washington, D.C.: National Committee for Quality Assurance; 2004.

- 27 National Coordinating Group for Surgeons in Breast Cancer Screening and Association of Breast Surgery at BASO. Quality assurance guidelines for surgeons in breast cancer screening: NHSBSP publication no. 20. 3rd Ed. ed.; 2003 Nov.
- 28 National Institute for Clinical Excellence. Improving outcomes in breast cancer manual update. London: National Institute for Clinical Excellence; 2002 Aug (Guidance on Cancer Services).
- 29 Office of Quality and Performance. Cancer. FY 2005 VHA Performance Measures Technical Manual . 2005 Jan 5(Performance Measurement System and JCAHO Hospital Core Measures).
- 30 Recht, A.; Edge, S. B.; Solin, L. J.; Robinson, D. S.; Estabrook, A.; Fine, R. E.; Fleming, G. F.; Formenti, S.; Hudis, C.; Kirshner, J. J.; Krause, D. A.; Kuske, R. R.; Langer, A. S.; Sledge, G. W. Jr; Whelan, T. J., and Pfister, D. G. Postmastectomy radiotherapy: clinical practice guidelines of the American Society of Clinical Oncology. *J Clin Oncol.* 2001 Mar 1; 19(5):1539-69.
- 31 Schmidt, L and Kerr, EA. Breast massMcGlynn, EA; Kerr, EA; Damberg, CL, and Asch, SM eds. Quality of Care for Women: A Review of Selected Clinical Conditions and Quality Indicators. Santa Monica, CA: RAND; 2000.
- 32 Scottish Intercollegiate Guidelines Network (SIGN). Breast cancer in women. National Clinical Guidelines. 1998 Oct; 29.
- 33 Smith, R. A.; Cokkinides, V., and Eyre, H. J. American Cancer Society guidelines for the early detection of cancer, 2003. *CA Cancer J Clin.* 2003 Jan-2003 Feb 28; 53(1):27-43.
- 34 Smith, R. A.; Saslow, D.; Sawyer, K. A.; Burke, W.; Costanza, M. E.; Evans, W. P. 3rd; Foster, R. S. Jr; Hendrick, E.; Eyre, H. J., and Sener, S. American Cancer Society guidelines for breast cancer screening: update 2003. *CA Cancer J Clin.* 2003 May-2003 Jun 30; 53(3):141-69.
- 35 Smith, T. J.; Davidson, N. E.; Schapira, D. V.; Grunfeld, E.; Muss, H. B.; Vogel, V. G. 3rd, and Somerfield, M. R. American Society of Clinical Oncology 1998 update of recommended breast cancer surveillance guidelines. *J Clin Oncol.* 1999 Mar; 17(3):1080-2.
- 36 Temple, L. K.; Wang, E. E., and McLeod, R. S. Preventive health care, 1999 update: 3. Follow-up after breast cancer. Canadian Task Force on Preventive Health Care. *CMAJ.* 1999 Oct 19; 161(8):1001-8.
- 37 University of Ottawa Evidence-based Practice Center. Measuring the quality of breast cancer care in women. Agency of Healthcare Research and Quality; 2004 Oct.
- 38 Wilson, R.; Asbury, D.; Cooke, J.; Mitchell, M., and Patnick, J. Clinical guidelines for breast cancer screening assessment: NHSBSP publication no 49. 2001 Apr.

PubMed Search Strategies

Adjuvant chemotherapy

Search words: Breast Neoplasms AND Adjuvant Chemotherapy

Limits: None

Results: 4759 Articles and 1119 Reviews

Search words: Breast Neoplasms AND Adjuvant Chemotherapy

Limits: Clinical trials, English, Humans

Results: 983 Articles and 23 Reviews

Search words: Breast Neoplasms AND Adjuvant Chemotherapy AND Combined Chemotherapy Protocols

Limits: Clinical trials, English, Humans

Results: 624 Articles and 10 Reviews

Selected: 323 Articles

Metastatic Breast Cancer

Search words: Metastatic Breast Neoplasms AND Antineoplastic therapy

Limits: Randomized Controlled Trials, English, Humans

Results: 441 Articles and 9 Reviews

Selected: 202 Article

Comorbidity

Search words: Breast Neoplasms AND Comorbidity

Limits: Clinical trials, English, Humans

Results: 256 Articles and 40 Reviews

Selected: 41 Articles

Geriatric Assessment

Search words: Breast Neoplasms AND Geriatric Assessment

Limits: English, Humans

Results: 30 Articles and 14 Reviews

Selected: 3 Articles

DCIS Comedo vs. Noncomedo

Search words: Breast Neoplasms AND Carcinoma In Situ AND Neoplasm Invasiveness AND Carcinoma, Intraductal, Noninfiltrating

Limits: English, Humans

Results: 211 Articles and 35 Reviews

Selected: 6 Articles

Staging

Search words: Breast Neoplasms AND Neoplasm Staging AND Survival Analysis AND Retrospective Studies

Limits: English, Humans

Results: 218 Articles and 8 Reviews

Selected: 10 Articles

Comprehensive Geriatric Assessment – General Cancers

Search words: Neoplasms AND Geriatric Assessment

Limits: English, Humans

Results: 200 Articles and 89 Reviews

Selected: 58 Articles

ER/PR

Search words: Breast Neoplasms AND Neoplasm Staging AND Receptors, Estrogen

Limits: English, Humans

Results: 631 Articles and 48 Reviews

Selected: 54 Articles

Her-2/Neu

Search words: Breast Neoplasms AND erbB-2 OR Her-2/Neu AND Prognosis AND Pathology

Limits: Clinical trials, English, Humans

Results: 881 Articles and 101 Reviews

Selected: 94 Articles

Bone Scan

Search words: Breast Neoplasms AND Neoplasm Metastasis AND Radionucleotide Imaging AND Bone Neoplasm

Limits: MeSH, English, Humans

Results: 122 Articles and 12 Reviews

Selected: 27 Articles

CT Scan

Search words: Breast Neoplasms AND Tomography, X-Ray Computed AND Neoplasm Staging

Limits: MeSH Term, English, Humans

Results: 52 Articles and 8 Reviews

Selected: 11 Articles

Sentinal Lymph Node Biopsy

Search words: Breast Neoplasms AND Neoplasm Staging AND Sentinal Lymph Node Biopsy

Limits: MeSH, English, Humans

Results: 349 Articles and 84 Reviews

Selected: 65 Articles

Lobular Carcinoma In Situ

Search words: Breast Neoplasms AND Carcinoma In Situ AND Carcinoma, Lobular

Limits: MeSH, English, Humans

Results: 326 Articles and 48 Reviews

Selected: 28 Articles

Ductal Carcinoma In Situ

Search words: Breast Neoplasms AND Carcinoma, Intraductal, Noninvasive

Limits: MeSH, Clinical Trials, English, Humans

Results: 77 Articles and 8 Reviews

Selected: 9 Articles

Breast Conserving Surgery

Search words: Breast Neoplasms AND Combined Modality Therapy AND Mastectomy, Segmental

Limits: MeSH, English, Humans

Results: 437 Articles and 82 Reviews

Selected: 74 Articles

Breast Reconstruction

Search words: Breast Neoplasms AND Mammoplasty AND Patient Satisfaction AND Reconstructive Surgical Procedures

Limits: MeSH, English, Humans

Results: 52 Articles and 4 Reviews

Selected: 19 Articles

Neoadjuvant Chemotherapy

Search words: Breast Neoplasms AND Neoadjuvant Therapy

Limits: MeSH, English, Humans

Results: 394 Articles and 111 Reviews

Selected: 37 Articles

Radiation Therapy

Search words: Breast Neoplasms AND Combined Modality Therapy AND Postoperative Care

Limits: MeSH, English, Humans

Results: 101 Articles and 22 Reviews

Selected: 22 Articles

Surveillance Search 1

Search words: Breast Cancer AND Surveillance

Limits: Title, English, Humans

Results: 71 Articles and 5 Reviews

Selected: 16 Articles

Surveillance Search 2

Search words: Breast Neoplasms AND Continuity of Patient Care

Limits: MeSH, English, Humans

Results: 63 Articles and 9 Reviews

Selected: 10 Articles

Bone Metastasis and Bisphosphonates

Search words: Breast Neoplasms AND Bone Neoplasms AND Diphosphonates

Limits: MeSH, English, Humans

Results: 408 Articles and 113 Reviews

Selected: 100 Articles

Notes: Lots of Bone Scan Articles resulted

Metastatic Breast Cancer and Aromatase Inhibitors

Search words: Breast Neoplasms AND Neoplasm Metastasis AND Aromatase Inhibitors

Limits: MeSH, English, Humans

Results: 57 Articles and 25 Reviews

Selected: 25 Articles

Adjuvant hormonal treatment

Search words: Breast Neoplasms AND Antineoplastic Agents, Hormonal AND Disease-Free Survival

Limits: MeSH Term, Clinical trials, English, Humans

Results: 82 Articles and 1 Review

Selected: 22 Articles

Web Search

Databases: Google

Time period covered: 1998-2005

Search strategy (terms): Breast cancer, cancer, oncology, tumor, mastectomy, chemotherapy, carcinoma, cancer screening, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 38

Chronic Obstructive Pulmonary Disease

Guidelines and Quality Indicators Identified via Web Search

- 1 Snow, V.; Lascher, S., and Mottur-Pilson, C. Evidence base for management of acute exacerbations of chronic obstructive pulmonary disease. *Ann Intern Med.* 2001 Apr 3; 134(7):595-9.
- 2 Management of chronic obstructive pulmonary disease in adults in primary and secondary care. National Institute for Clinical Excellence; 2004 Feb.
- 3 Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease. Bethesda, MD: Global Initiative for Chronic Obstructive Lung Disease; World Health Organization; National Heart, Lung and Blood Institute ; 2004.
- 4 Standards for the Diagnosis and Management of Patients with COPD. American Thoracic Society; European Respiratory Society; 2004.
- 5 Siafakas, N. M.; Vermeire, P.; Pride, N. B.; Paoletti, P.; Gibson, J.; Howard, P.; Yernault, J. C.; Decramer, M.; Higenbottam, T.; Postma, D. S., and et, a. I. Optimal assessment and management of chronic obstructive pulmonary disease (COPD). The European Respiratory Society Task Force. *Eur Respir J.* 1995 Aug; 8(8):1398-420.
- 6 International guidelines for the selection of lung transplant candidates. The American Society for Transplant Physicians (ASTP)/American Thoracic Society(ATS)/European Respiratory Society(ERS)/International Society for Heart and Lung Transplantation(ISHLT). *Am J Respir Crit Care Med.* 1998 Jul; 158(1):335-9.
- 7 Skeletal muscle dysfunction in chronic obstructive pulmonary disease. A statement of the American Thoracic Society and European Respiratory Society. *Am J Respir Crit Care Med.* 1999 Apr; 159(4 Pt 2):S1-40.

- 8 British Thoracic Society. Pulmonary rehabilitation. *Thorax*. 2001; 56:827-834.
- 9 The Pharmacologic Management of Chronic Obstructive Pulmonary Disease. Veterans Health Administration; 2002 Sep.
- 10 American Medical Directors Association (AMDA). COPD management in the long-term care setting. *Clinical Practice Guideline*. 2004.
- 11 Golomb, B. Chronic Obstructive Pulmonary Disease Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA eds. *Quality of Care for Cardiopulmonary Conditions: A Review of the Literature and Quality Indicators*. Santa Monica, CA: RAND; 2000.
- 12 Littner, M. Chronic obstructive pulmonary disease. American College of Physicians (ACP); 2004 (Physicians' Information and Education Resource (PIER)).
- 13 Office of Quality and Performance. VHA/DOD clinical practice guideline for the management of chronic obstructive pulmonary disease (COPD)- guideline summary. 2001 Oct http://www.oqp.med.va.gov/cpg/COPD/G/COPD_Summ.pdf.

Search #1

Databases: Google

Time period covered: 1998-2005

Search strategy: Chronic obstructive pulmonary disease, chronic obstructive lung disorder, emphysema, chronic bronchitis, home oxygen therapy, long-term oxygen therapy, pulmonary rehabilitation, lung volume reduction surgery, bullectomy, lung transplantation, bronchodilators, chronic inhaled steroids, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 13

Colorectal Cancer

Guidelines and Quality Indicators Identified via Web Search

- 1 Colorectal cancer screening. Clinical Performance Measures: Preventive Care and Screening. Physician Consortium for Performance Improvement, 2003.
- 2 Colorectal cancer screening. Institute for Clinical Systems Improvement, 2004.
- 3 Follow-up of patients with curatively resected colorectal cancer. Cancer Care Ontario Practice Guidelines Initiative, 2004.
- 4 . Management of colorectal cancer. Scottish Intercollegiate Guidelines Network, 2003.

- 5 Minimal clinical recommendations for the diagnosis, treatment and follow-up of advanced colorectal cancer. European Society for Medical Oncology, 2002.
- 6 Bast RCJ, Ravdin P, Hayes DF et al. 2000 update of recommendations for the use of tumor markers in breast and colorectal cancer: clinical practice guidelines of the American Society of Clinical Oncology. *J Clin Oncol* 2001; 19(6):1865-78.
- 7 Bellas P. Colorectal cancer screening. Asch S, Kerr E, Hamilton E, et. al. *Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators*. Santa Monica, CA: RAND, 2000.
- 8 Benson AB 3rd, Desch CE, Flynn PJ et al. 2000 update of American Society of Clinical Oncology colorectal cancer surveillance guidelines. *J Clin Oncol* 2000; 18(20):3586-8.
- 9 Benson AB3, Schrag D, Somerfield MR et al. American Society of Clinical Oncology recommendations on adjuvant chemotherapy for stage II colon cancer. *J Clin Oncol* 2004; 22(16):3408-19.
- 10 Eyre H, Kahn R, Robertson RM et al. Preventing cancer, cardiovascular disease, and diabetes: a common agenda for the American Cancer Society, the American Diabetes Association, and the American Heart Association. *Circulation* 2004; 109(25):3244-55.
- 11 11. McLeod R, Canadian Task Force on Preventive Health Care. Screening strategies for colorectal cancer: systematic review & recommendations. London, ON: Canadian Task Force, 2001. (CTFPHC Technical Report #01-2).
- 12 12. National Committee for Quality Assurance . Colorectal cancer screening. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 13 13. National Institute for Clinical Excellence. Improving outcomes in colorectal cancers manual update. London: National Institute for Clinical Excellence, 2004. (Guidance on Cancer Services).
- 14 14. Office of Quality and Performance. Cancer. FY 2005 VHA Performance Measures Technical Manual. 2005. (Performance Measurement System and JCAHO Hospital Core Measures.
- 15 15. Reifel JL. Colorectal cancer treatment. Asch S, Kerr E, Hamilton E, et. al. *Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators*. Santa Monica, CA: RAND, 2000.
- 16 16. Smith RA, Cokkinides V, Eyre HJ. American Cancer Society guidelines for the early detection of cancer, 2003. *CA Cancer J Clin* 2003; 53(1):27-43.
- 17 17. U.S. Preventive Services Task Force (USPSTF). Screening for colorectal cancer: recommendations and rationale. Agency for Healthcare Research and Quality (AHRQ), 2002.

18. Winawer S, Fletcher R, Rex D et al. Colorectal cancer screening and surveillance: clinical guidelines and rationale- Update based on new evidence. *Gastroenterology* 2003; 124(2):544-60.

Search #1 (QI #3 - Pretreatment Carcinoembryonic Antigen Level)

Databases: PubMed

Search strategy 1 (terms): colorectal cancer AND carcinoembryonic antigen AND preoperative

Number of articles identified: 405

Search #2 (QI #4,5 - Pretreatment Computed Tomography for Colon and Rectal Cancer)

Databases: PubMed

Search strategy 1 (terms): colorectal cancer AND preoperative imaging AND computed tomography

Number of articles identified: 178

Search #3 (QI #6 – Pretreatment Ultrasound or Magnetic Resonance Imaging for Rectal Cancer)

Databases: PubMed

Search strategy 1 (terms): rectal cancer AND preoperative staging AND ultrasound; rectal cancer AND preoperative staging AND magnetic resonance imaging

Number of articles identified: 327; 125

Search #4 (QI #7 – Preoperative Total Colonic Exam)

Databases: PubMed

Search strategy 1 (terms): colorectal cancer AND preoperative AND colonoscopy

Number of articles identified: 255

Search #5 (QI #8 – Total Colonic Exam within 6 months of Surgery if not Performed Preoperatively)

Databases: PubMed

Search strategy 1 (terms): colorectal cancer AND postoperative AND colonoscopy

Number of articles identified: 302

Search #6 (QI #12 – End-of-Life Discussion)

Databases: PubMed

Search strategy 1 (terms): colorectal cancer AND end of life

Number of articles identified: 148

Search #7 (QI #13 – Preoperative Assessment of Rectal Mass)

Databases: PubMed

Search strategy 1 (terms): rectal cancer AND digital rectal exam

Number of articles identified: 34

Search #8 (QI #14,15 – Ostomy Siting and Training)

Databases: PubMed

Search strategy 1 (terms): ostomy OR stoma AND counseling OR teaching OR education

Number of articles identified: 58

Web Search

Databases: Google

Time period covered: 1998-2005

Search strategy (terms): Cancer, colorectal cancer, oncology, colorectal cancer screening, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 18

Continuity and Coordination of Care

Guidelines and Quality Indicators Identified via Web Search

- 1 Best practices in coordinated care. Mathematica Policy Research Inc. 2000.
- 2 Position statement on continuity of care. Alberta Association of Registered Nurses. 2003.
- 3 Recommendations for a medicare coordinated care benefit.: Center for Medicare Advocacy. 2002.
- 4 Warren J, Fromm RE Jr, Orr RA, et al. Guidelines for the inter- and intrahospital transport of critically ill patients. Crit Care Med 2004; 32(1):256-62.
- 5 Zwicker D, Picariello G. Discharge planning for the older adult. In: Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003. p. 292-316.

Search #1

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: (continuity of care OR coordination of care) AND clinical trial

Number of articles identified: 433

Search #2

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: continuity of care AND (emergency department OR emergency room)

Number of articles identified: 241

Search #3

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: reminder system AND aged 65+ years

Number of articles identified: 231

Search #4

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: hospital discharge follow-up AND clinical trial AND aged 65+ years

Number of articles identified: 541

Search #5

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: medication continuity AND aged 65+ years

Number of articles identified: 93

Search #6

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: continuity AND (medical records OR discharge summary) AND aged 65+ years

Number of articles identified: 95

Search #7

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: referral and consultation AND continuity AND aged 65+ years

Number of articles identified: 152

Search #8

Databases: MEDLINE

Time period covered: January 1980 to November 2005

Search strategy: limited English proficiency

Number of articles identified: 203

Search #9

Databases: Google

Time period covered: 1998-2005

Search strategy: Continuity of care, coordination of care, discharge planning, intrahospital transfer, interhospital transfer, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 5

Dementia

Guidelines and Quality Indicators Identified via Web Search

- 1** The Pharmacologic Management of Cognitive Changes in Alzheimer's Disease. Veterans Health Administration; 1999 Aug.
- 2** American Medical Directors Association (AMDA) and American Health care Association (AHCA). Altered mental states. Clinical Practice Guideline. 1998.

- 3** American Medical Directors Association (AMDA) and American Health Care Association (AHCA). Dementia. Clinical Practice Guidelines. 1998.
- 4** American Psychiatric Association. Practice guideline for the treatment of patients with Alzheimer's disease and other dementias of late life. American Psychiatric Association Guideline. 1997.
- 5** Erkinjuntti, T. Examination of patients with memory disorders and dementia. EBM Guidelines. 2004.
- 6** ---. Treatable causes of dementia and memory disorder. EBM Guidelines. 2004.
- 7** ---. Vascular dementia. EBM Guidelines. 2004.
- 8** Foreman, M. D.; Fletcher, K.; Mion, L. C., and Trygstad, L. Assessing cognitive function. Mezey, M.; Fulmer, T.; Abraham, I., and Zwicker, D. A. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003; pp. 99-115.
- 9** Hiltunen, P. and Saarela, T. Delusional symptoms in the elderly. EBM Guidelines. 2004.
- 10** Kaiser Permanente, Care Management Institute's Dementia Guidelines Workgroup. Guidelines for the diagnosis and management of dementia in primary care. Care Management Institute Kaiser Permanente. 2004.
- 11** Moore, A. Dementia. Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA eds. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND; 2000.
- 12** Palliative Care and Ethics Committees and Department/Divisions of Neurology, Geriatrics Radiology Gastroenterology. Non-oral hydration and feeding in advanced dementia or at the end of life. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin:1-5.
- 13** Patterson, C. J. and Gass, D. A. Screening for cognitive impairment and dementia in the elderly. Can J Neurol Sci. 2001 Feb; 28 Suppl 1:S42-51.
- 14** Pitkala, K. Assessment of functional ability and cognitive functioning. EBM Guidelines. 2004.
- 15** ---. Delirium in the elderly. EBM Guidelines. 2004.
- 16** Registered Nurses Association of Ontario (RNAO). Screening for delirium, dementia and depression in older adults. 2003 Nov (Nursing Best Practice Guideline: Shaping the future of nursing).
- 17** Richards Hall, G. Alzheimer's disease and chronic dementing illnesses: The University of Iowa Gerontology Nursing Interventions Research Center; 1997 Jul 10 (Research-Based Protocol).

- 18** Richards Hall, G. and Buckwalter, K. Bathing Persons with dementia: The University of Iowa Gerontological Nursing Interventions Research Center; 1998 Apr 29(Research-Based Protocol).
- 19** Sulkava, R. Alzheimer's disease. EBM Guidelines. 2004.
- 20** Treatment of dementia. EBM Guidelines. 2004.
- 21** Sutela, A. Assessment of the need for institutionalization. EBM Guidelines. 2001.
- 22** U.S. Preventive Services Task Force (USPSTF). Screening for dementia: recommendations and rationale. Agency for Healthcare Research and Quality (AHRQ); 2003 Jun.
- 23** University of Iowa. Music therapy programming for individuals with Alzheimer's disease and related disorders.
- 24** US Department of Veterans Affairs and the University HealthSystem Consortium. Dementia Identification and Assessment: Guidelines for Primary Care Practitioners. 1997.

SEARCH #1 (INDICATOR – PHYSICAL EXAMINATION):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

physical examination

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 496

SEARCH #2 (INDICATOR – LABORATORY TESTS):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

(laboratory techniques and procedures[majr] OR laboratory[ti] OR lab[ti] OR b12 OR b 12 OR tsh OR thyroid stimulating hormone* OR rpr)

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 311

SEARCH #3 (INDICATOR – HIV/AIDS):

SEARCH STRATEGY:

SEARCH LIMITED TO AIDS SUBSET OF PUBMED

dementia[mh] OR dementia[ti]

AND

(test OR tests OR testing OR risk* OR screen*)

NUMBER OF ITEMS RETRIEVED: 312

SEARCH #4 (INDICATOR – NEUROIMAGING):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

brain mapping OR neuroimag* OR brain computed tomograph* OR((magnetic resonance spectroscopy[mh] OR magnetic resonance imaging[mh]) AND brain)

AND

aged[mh] OR aging[mh] OR elder* OR frail elderly OR geriatr* OR gerontol*

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 1100

SEARCH #5(INDICATOR – CHOLINESTERASE INHIBITORS):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

cholinesterase inhibitors[mh] OR cholinesterase inhibitor*[ti] OR galantamine OR donepezil OR rivastigmine

AND

alzheimer*[tiab] OR alzheimer disease

NOT

case report*

NOT

results of Search #4

NUMBER OF ITEMS RETRIEVED: 1090

SEARCH #6(INDICATOR – MEMANTINE):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti] OR alzheimer*[tiab] OR alzheimer disease

AND

memantine

NOT

case report*

NOT

results of Search #4 & 5

NUMBER OF ITEMS RETRIEVED: 100

SEARCH #7(INDICATOR – CAREGIVER DEPRESSION):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

caregivers[mh] OR caregiver*[tiab] OR care giver*[tiab]

AND

depressive disorder OR depressi*[tiab]

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 306

SEARCH #8(INDICATOR – CAREGIVER/PATIENT EDUCATION):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

caregivers[mh] OR caregiver*[tiab] OR care giver*[tiab]

AND

educat*[tiab] OR patient education OR health education

NOT
case report*

NOT

Results of Search #7

NUMBER OF ITEMS RETRIEVED: 174

SEARCH #9(INDICATOR – DRIVING):

SEARCH STRATEGY:

dementia[mh] OR dementia[ti]

AND

aged[mh] OR aging[mh] OR elder* OR frail elderly OR geriatr* OR gerontol*

AND

drive*[ti] OR driving[ti] OR automobile driving OR motor vehicle* OR automobile*

NUMBER OF ITEMS RETRIEVED: 84

SEARCH #10(INDICATOR – BPSD):

SEARCH STRATEGY:

dementia

AND

behavio* and psychological symptoms of dementia OR bpsd

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 321

SEARCH #11(INDICATOR – RESTRAINTS):

SEARCH STRATEGY:

dementia

AND

restraint, physical OR restrain*

NUMBER OF ITEMS RETRIEVED: 96

SEARCH #12a(INDICATOR – EXERCISE):

SEARCH STRATEGY:

dementia

AND

physical activit* OR physical fitness OR physical* fit* OR exercis* OR motor activity

NOT

case report*

NUMBER OF ITEMS RETRIEVED: 374

SEARCH #12b(INDICATOR – EXERCISE):

SEARCH STRATEGY:

PubMed “Related Articles” search on:

Abbott RD, White LR, Ross GW et al. Walking and dementia in physically capable elderly men.
JAMA. 2004; 292:1447-1453

NOT

case report*

NOT

results of Search #12a

NUMBER OF ITEMS RETRIEVED: 366

SEARCH #13
SEARCH STRATEGY:
dementia[mh] OR dementia[ti]
AND
cerebrovascular disease OR cerebrovascular disorders
AND
cerebrovascular accident[majr] OR stroke*[tiab]
AND
aged[mh] OR aging[mh] OR elder* OR frail elderly OR geriatr* OR gerontol*
NOT
case report*
NUMBER OF ITEMS RETRIEVED: 440

SEARCH #14
SEARCH STRATEGY:
dementia[mh] OR dementia[ti]
AND
prestroke
NUMBER OF ITEMS RETRIEVED: 20

SEARCH #15
SEARCH STRATEGY:
Related Articles search for the following citation:
PMID- 15795507
TI - What causes increased stroke mortality in patients with prestroke dementia?
AU - Appelros, Peter
AU - Viitanen, Matti
SO - Cerebrovasc Dis 2005;19(5):323-7. Epub 2005 Mar 24.
NUMBER OF ITEMS RETRIEVED: 107
Upon Review, 3 Articles Were Relevant and Not Duplicates

Search #16
Databases: Google
Time period covered: 1998-2005
Search strategy: Dementia, Alzheimer's disease, cognitive impairment, cognitive function, altered mental state, memory disorder, delusion, delirium, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 24

Depression

Guidelines and Quality Indicators Identified via Web Search

- 1 Royal Australian and New Zealand College of Psychiatrists Clinical Practice Guidelines Team for Depression. Australian and New Zealand clinical practice guidelines for the treatment of depression. *Aus N Z J Psychiatry*. 2004; 38:389-407.
- 2 Saarela, T. Depression in old age [Web Page]. 2004 Jun 17; Accessed 2004 Dec 30.

- 3 FACCT--Foundation for Accountability. FACCT quality measures major depressive disorder measurement specifications. Version 1.0 ed..
- 4 Weissman, D. Fast fact and concept #07: depression in advanced cancer; 2000 Jun(End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 5 Periyakoil, V. J. Fast facts and concepts #43: is it grief or depression?; 2001 Jun(End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 6 Abt Associates Inc. National nursing home quality measures. 2004 Jan.
- 7 MacMillan, H. L.; Patterson, C. J.; Wathen, C. N.; Feightner, J. W.; Bessette, P.; Elford, R. W.; Feig, D. S.; Langley, J.; Palda, V. A.; Patterson, C.; Reeder, B. A., and Walton, R. Screening for depression in primary care: recommendation statement from the Canadian Task Force on Preventive Health Care. CMAJ. 2005 Jan 4; 172(1):33-5.
- 8 U.S. Preventive Services Task Force (USPSTF). Screening for depression: recommendations and rationale. Agency for Healthcare Research and Quality; 2002 May.
- 9 American Medical Directors Association (AMDA). Depression. Clinical Practice Guideline. 2003.
- 10 American Medical Directors Association (AMDA) and American Health care Association (AHCA). Pharmacotherapy companion to the depression clinical practice guideline. Clinical Practice Guideline. 1998.
- 11 Kurlowicz, L. H. Depression in older adults. Mezey, M.; Fulmer, T.; Abraham, I., and Zwicker, D. A. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003; pp. 185-206.
- 12 . Guidelines for Clinical Care: Depression. University of Michigan Health System; 2004 May.
- 13 Kerr, EA and Clark, KA. Depression. Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA eds. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND; 2000.
- 14 . Clinical Performance Measures: Major Depressive Disorder. Physician Consortium for Performance Improvement; 2003.
- 15 . Depression: A Guide to Diagnosis and Treatment. Boston, MA: Brigham and Women's Hospital; 2001.
- 16 Office of Quality and Performance (10Q). FY2005 VHA performance measures technical manual. Measure 15: mental health. 2005; pp. 139-145.
- 17 National Collaborating Centre for Mental Health. Depression. Management of depression in primary and secondary care. National Institute for Clinical Excellence. 2004.
- 18 Foundation for Healthy Communities. Clinical guidelines for depression in adults. 2002.
- 19 Kaiser Permanente and Care Management Institute's Major Depressive Disorder Guidelines Workgroup. Treatment of

major depressive disorder in primary care adult outpatients. 2004.

- 20 American Board of Family Practice. Depressive disorders. Reference Guide. 2002.
- 21 Schulberg, H. C.; Katon, W.; Simon, G. E., and Rush, A. J. Treating major depression in primary care practice: an update of the Agency for Health Care Policy and Research Practice Guidelines. Arch Gen Psychiatry. 1998 Dec; 55(12):1121-7.
- 22 American Psychiatric Association. Practice guideline for the treatment of patients with major depressive disorder. 2000.
- 23 Registered Nurses Association of Ontario (RNAO). Screening for delirium, dementia and depression in older adults. 2003 Nov(Nursing Best Practice Guideline: Shaping the future of nursing).
- 24 Snow, V.; Lascher, S., and Mottur-Pilson, C. Pharmacologic treatment of acute major depression and dysthymia. American College of Physicians-American Society of Internal Medicine. Ann Intern Med. 2000 May 2; 132(9):738-42.
- 25 Holkup, P. A. Elderly suicide: secondary prevention. The University of Iowa Gerontology Nursing Interventions Research Center; 2002 Jun(Evidence-Based Protocol).
- 26 Scotton Piven, M. L. Detection of depression in the cognitively intact older adult. The University of Iowa Gerontology Nursing Interventions Research Center; 2004 Apr(Evidence-Based Protocol).
- 27 Fitzsimmons, S. and Buettner, L. Wheelchair biking for the treatment of depression. The University of Iowa Gerontology Nursing Interventions Research Center; 2003 Feb(Evidence-Based Protocol).
- 28 Veterans Health Administration and Department of Defense. VHA/DOD clinical practice guideline for management of major depressive disorder in adults: primary care. 2001 Nov.
- 29 National Committee for Quality Assurance . Antidepressant medication management. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance ; 2004.
- 30 Veterans Health Administration and Department of Defense. VHA/DOD clinical practice guideline for management of major depressive disorder (MDD) in adults: outpatient mental health specialty setting. 2001
Novhttp://www.oqp.med.va.gov/cpg/MDD/G/B_Summ.pdf.
- 31 VHA/DOD clinical practice guideline for management of major depressive disorder in adults: inpatient care. 2001
Novhttp://www.oqp.med.va.gov/cpg/MDD/G/C_Summ.pdf.

Guideline Search

Databases: Google

Time period covered: 1998-2005

Search strategy: Depression, major depressive disorder, mental health, suicide, dysthymia, antidepressant, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 31

Diabetes

Guidelines and Quality Indicators Identified via Web Search

- 1 Clinical Performance Measures: Adult Diabetes. Physician Consortium for Performance Improvement; 2003.
- 2 . Guidelines for Clinical Care: Management of Type 2 Diabetes Mellitus. University of Michigan Health System; 2004 Jul.
- 3 . Management of Type 2 Diabetes: Management of Blood Pressure and Blood Lipids. National Institute for Clinical Excellence; 2002 Oct.
- 4 . Management of Type 2 Diabetes: Renal Disease - Prevention and Early Management. National Institute for Clinical Excellence; 2002 Feb.
- 5 . National diabetes quality improvement alliance performance measurement set for adult diabetes. National Diabetes Quality Improvement Alliance; 2005 Jan.
- 6 National voluntary consensus standards for adult diabetes care. Washington, D.C.: National Quality Forum; 2002.
- 7 . The Pharmacologic Management of Type 2 Diabetes Mellitus. Veterans Health Administration; 1999 Oct.
- 8 Screening for type 2 diabetes. Diabetes Care. 2004 Jan; 27 Suppl 1:S11-4.
- 9 Standards of medical care in diabetes. Diabetes Care. 2005 Jan; 28(suppl_1):S4-S36.
- 10 American Healthways. Inpatient management guidelines for people with diabetes. American Healthways; 1999(; V.1).
- 11 --. Specialty referral guidelines for people with diabetes. American Healthways; 1999(; V.2).
- 12 American Medical Directors Association (AMDA) . Managing diabetes in the long-term care setting. Clinical Practice Guideline. 2002.
- 13 Asch, A and Clark, K. Diabetes Mellitus. Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA eds. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA : RAND; 2000.
- 14 Asch, SM. Diabetes Mellitus McGlynn, EA; Kerr, EA; Damberg, CL, and Asch, SM eds. Quality of Care for Women: A Review of Selected Clinical Conditions and Quality Indicators. Santa Monica, CA: RAND; 2000.

- 15 Department of Health, U. K. Diabetes mellitus. Department of Health, U.K.(Quality Indicators - Summary of Points).
- 16 Eyre, H.; Kahn, R.; Robertson, R. M.; Clark, N. G.; Doyle, C.; Hong, Y.; Gansler, T.; Glynn, T.; Smith, R. A.; Taubert, K., and Thun, M. J. Preventing cancer, cardiovascular disease, and diabetes: a common agenda for the American Cancer Society, the American Diabetes Association, and the American Heart Association. *Circulation*. 2004 Jun 29; 109(25):3244-55.
- 17 Feig, D. S.; Palda, V. A., and Lipscombe, L. Screening for type 2 diabetes mellitus to prevent vascular complications: updated recommendations from the Canadian Task Force on Preventive Health Care. *CMAJ*. 2005 Jan 18; 172(2):177-80.
- 18 Kaiser Permanente, Care Management Institute's Diabetes Guidelines Workgroup. Guidelines for the management of adult diabetes in primary care. Care Management Institute Kaiser Permanente; 2004 Mar.
- 19 Mensing, C.; Boucher, J.; Cypress, M.; Weinger, K.; Mulcahy, K.; Barta, P.; Hosey, G.; Kopher, W.; Lasichak, A.; Lamb, B.; Mangan, M.; Norman, J.; Tanja, J.; Yauk, L.; Wisdom, K., and Adams, C. National standards for diabetes self-management education. *Diabetes Care*. 2005 Jan; 28 Suppl 1:S72-9.
- 20 Ministry of Health Manatu Hauora and New Zealand Guidelines Group. Management of Type 2 Diabetes. Ministry of Health Manatu Huora and New Zealand Guidelines Group; 2003 Dec (Evidence-based Best Practice Guideline).
- 21 National Committee for Quality Assurance. Comprehensive diabetes care. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance; 2004.
- 22 NICE, Diabetes UK & NHS Executive North West. Quality indicators for diabetes services. QUIDS.
- 23 Office of Quality and Performance. VHA/DOD guideline for management of diabetes mellitus in primary care- guideline summary. FY 2005 VHA Performance Measure Technical Manual; 2005 Jan 5.
- 24 Office of Quality Performance. FY2005 VHA Performance Measures Technical Manual - Section on diabetes mellitus. Office of Quality Performance; 2005 Jan 5.
- 25 Registered Nurses Association of Ontario (RNAO). Reducing foot complications for people with diabetes. Nursing Best Practice Guidelines Project; March 2004.
- 26 Snow, V.; Aronson, M. D.; Hornbake, E. R.; Mottur-Pilson, C., and Weiss, K. B. Lipid control in the management of type 2 diabetes mellitus: a clinical practice guideline from the American College of Physicians. *Ann Intern Med*. 2004 Apr 20; 140(8):644-9.
- 27 Snow, V.; Weiss, K. B., and Mottur-Pilson, C. The evidence base for tight blood pressure control in the management of type 2 diabetes mellitus. *Ann Intern Med*. 2003 Apr 1; 138(7):587-92.

- 28 The American Board of Family Practice. Diabetes mellitus. The American Board of Family Practice; 2001 (Reference Guide 8th Edition).
- 29 U.S. Preventive Services Task Force (USPSTF). Screening for type 2 diabetes mellitus in adults: recommendations and rationale. Agency of Healthcare Research and Quality (AHRQ); 2003 Jan.

Search #1

Databases: Google

Time period covered: 1998-2005

Search strategy (terms): Diabetes, diabetes mellitus, type 2 diabetes, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 29

End of Life Care

Guidelines and Quality Indicators Identified via Web Search

- 1 Clinical practice guidelines for quality palliative care. National Consensus Project for Quality Palliative Care, 2004.
- 2 AGS Ethics Committee. Physician-assisted suicide and voluntary active euthanasia. 2002.
- 3 Alderman J. Fast fact and concept #096: diarrhea in palliative care. EPERC, 2003. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 4 American Academy of Hospice and Palliative Medicine (AAHPM). Position statements: comprehensive end-of-life care and physician-assisted suicide [Web Page]. 25 June 1997; (Accessed 24 January 2005).
- 5 American Academy of Hospice and Palliative Medicine (AAHPM). Position statements: statement on the use of nutrition and hydration [Web Page]. 16 November 2001; (Accessed 24 January 2005).
- 6 American Academy of Hospice and Palliative Medicine (AAHPM). Position statements: statement on the ethics of palliative care research [Web Page]. 30 January 2002; (Accessed 24 January 2005).
- 7 American Academy of Hospice and Palliative Medicine (AAHPM). Positions statements: statement on sedation at the end-of-life [Web Page]. 13 September 2002; (Accessed 24 January 2005).
- 8 American Academy of Pain Medicine (AAPM). Quality care at the end of life. 1998.
- 9 American Academy of Hospice and Palliative Medicine (AAHPM). Position statements: definitions of palliative care and palliative medicine [Web Page]. (Accessed 24 January 2005).

- 10 American Society of Clinical Oncology (ASCO). Cancer care during the last phase of life. *J Clin Oncol* 1998; 16(5):1986-96.
- 11 Bramwell VHC, Anderson D, Charette ML, Sarcoma Disease Site Group. Doxorubicin-based chemotherapy for the palliative treatment of adult patients with locally advanced or metastatic soft tissue sarcoma. Practice Guideline Report #11-1. 1999. (Program in Evidence-Based Care.
- 12 Center for Practical Bioethics. Guidelines for the determination of decisional incapacity. Center for Practical Bioethcis, 1996.
- 13 Cherny NI, Catane R, Kosmidis PA, Members of the ESMO Palliative Care Working Group. ESMO policy on supportive and palliative care. *European Society for Medical Oncology (ESMO)* 2003; 1-5.
- 14 Davidson K. Family bereavement support before and after the death of a nursing home resident. University of Iowa Gerontological Nursing Interventions Research Center (RDC), 2002.
- 15 Dunwoody CJ, Arnold R. Fast facts and concepts #39: using naloxone. 2001. End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 16 Dy S, Teno J. Palliative care/end of life measures background paper.
- 17 Earle CC, Park ER, Lai B, Weeks JC, Ayanian JZ, Block S. Identifying potential indicators of the quality of end-of-life cancer care from administrative data. *J Clin Oncol* 2003; 21(6):1133-38.
- 18 Extreme Care HOE. Recommendations for improving end-of-life care for persons residing in California skilled nursing and intermediate care facilities. Sacramento, CA: California Coalition for Compassionate Care, 2000. (Nursing Facility Recommendations.
- 19 Griffin JP, Nelson JE, Koch KA et al. End-of-life care in patients with lung cancer. *Chest* 2003; 123(1 Suppl):312S-31S.
- 20 Hawryluck LA, Harvey WR, Lemieux-Charles L, Singer PA. Consensus guidelines on analgesia and sedation in dying intensive care unit patients. *BMC Med Ethics* 2002; 3(1):E3.
- 21 Jackson V, Block S. Fast fact and concept #061: psychostimulants in palliative care. EPERC, 2002. End-of-Life Physician Education Resource Center.
- 22 Janes R. Palliative treatment of cancer. EBM Guidelines. Duodecim Medical Publications, 2004.
- 23 Kvale PA, Simoff M, Prakash UB. Lung cancer. Palliative care. *Chest* 2003; 123(1 Suppl):284S-311S.
- 24 Loblaw DA, Mendelson DS, Talcott JA et al. American Society of Clinical Oncology recommendations for the initial hormonal management of androgen-sensitive metastatic, recurrent, or progressive prostate cancer. *J Clin Oncol* 2004; 22(14):2927-41.

- 25** Maasilta P. Palliative treatment of a patient with lung cancer. EBM Guidelines. Duodecim Medical Publications 2004.
- 26** MacIntyre NR, Cook DJ, Ely EW Jr. et al. Evidence-based guidelines for weaning and discontinuing ventilatory support: a collective task force facilitated by the American College of Chest Physicians; the American Association for Respiratory Care; and the American College of Critical Care Medicine. Chest 2001; 120(6 Suppl):375S-95S.
- 27** Maxwell T, Cuny J. The UHC palliative care benchmarking project. University HealthSystem Consortium 2004; 1-35.
- 28** Mularski RA, Osborne ML. Fast fact and concept #122: palliative care and ICU care - pre-admission assessment. EPERC, 2004. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 29** Mularski RA, Osborne ML. Fast fact and concept #123: palliative care and ICU care - daily ICU care plan checklist. EPERC, 2004. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 30** National Comprehensive Cancer Network (NCCN). Palliative care. Clinical Practice Guidelines in Oncology 2004; (1).
- 31** National Institute for Clinical Excellence. Improving outcomes in breast cancer manual update. London: National Institute for Clinical Excellence, 2002. Guidance on Cancer Services.
- 32** National Institute for Clinical Excellence. Improving supportive and palliative care for adults with cancer. National Institute for Clinical Excellence, 2004. Guidance on Cancer Services.
- 33** National Institute for Clinical Excellence. Improving outcomes in colorectal cancers manual update. London: National Institute for Clinical Excellence, 2004. (Guidance on Cancer Services).
- 34** Nelson JF, Meier DE. Palliative care in the intensive care unit: part I. J Intensive Care Med 1999; 14:130-9.
- 35** Oncology Nursing Society. Oncology nursing society and association of oncology social work joint position on end-of-life care. 2003. (Oncology Nursing Society Position).
- 36** Pain and Palliative Care Committees. Analgesic prescribing guidelines. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-4.
- 37** Palliative Care and Critical Care Committees. Removal of mechanical ventilation in the dying patient. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-4.
- 38** Palliative Care and Ethics Committees. Do not resuscitate orders. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-5.
- 39** Palliative Care and Ethics Committees. Managing conflicts concerning requests to withhold or withdraw life-sustaining medical treatment. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-5.

- 40 Palliative Care and Ethics Committees, Department/Divisions of Neurology GRG. Non-oral hydration and feeding in advanced dementia or at the end of life. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-5.
- 41 Palliative Care Committee. Use of pentobarbital for total sedation and ventilator withdrawal. Guidelines for Physician Staff Froedtert Hospital, Milwaukee, Wisconsin: 1-3.
- 42 Palliative Care Working Group. Canadian strategy for cancer control: palliative care working group final report. 2002.
- 43 Ramsey G, Mitty EL. Advance directives: protecting patient's rights. Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc., 2003: 265-91.
- 44 Reisfield GM, Paulien G, Wilson GR. Fast facts and concepts #127: substance use disorders in the palliative care patient. EPERC, 2004. End-of-Life Physician Education Resource Center.
- 45 Renal Physicians Association. Shared decision-making in the appropriate initiation of and withdrawal from dialysis. Renal Physicians Association and American Society of Nephrology, 2000. (Clinical Practice Guideline; vol 2).
- 46 Rutter C, Weissman DE. Fast facts and concepts #66: radiation for palliation - part 1. 2002. End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 47 Rutter C, Weissman DE. Fast facts and concepts #67: radiation for palliation-part 2. 2002. End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 48 Standards and Quality Committee. Standards for palliative care provision. Australia, 1999. Palliative Care Australia.
- 49 Standards and Quality Committee, Council of Palliative Care Australia. Resource manual for palliative care performance indicators in Australia. Australia, 1998. Palliative Care Australia.
- 50 Supportive Care of the Dying. A Coalition for Compassionate Care Organizational Assessment: Personnel Competency/Performance. 1-4.
- 51 Supportive Care of the Dying. A Coalition for Compassionate Care Organizational Assessment: System Grid and Assumptions 2001; 1-9.
- 52 Taylor A, Box M. Multicultural palliative care guidelines. Australia: Palliative Care Australia, 1999. (Palliative Care Australia.
- 53 The Robert Wood Johnson Foundation. Completing the continuum of ALS care: a consensus document. The Robert Wood Johnson Foundation, 2004. (Promoting Excellence in End-of-Life Care.
- 54 Truog RD, Cist AF, Brackett SE et al. Recommendations for end-of-life care in the intensive care unit: The Ethics Committee of the Society of Critical Care Medicine. Crit Care Med 2001; 29(12):2332-48.

- 55** Von Gunten C, Weissman D. Fast fact and concept #035: information for patients and families about ventilator withdrawal - part 3. EPERC, 2001. (End-of-Life Physician Education Resource Center.
- 56** von Guten C, Weissman DE. Fast fact and concept #033: ventilator withdrawal protocol - part 1. EPERC, 2001. (End-of-Life Physician Education Resource Center.
- 57** Von Guten C, Weissman DE. Fast fact and concept #034: symptom control for ventilator withdrawal in the dying patient - part 2. EPERC, 2001. (End-of-Life Physician Education Resource Center.
- 58** Warm E, Weissman D. Fast fact and concept #012: myths about advance directives. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 59** Weiler K, Garand L. Advance directives. University of Iowa Gerontological Nursing Interventions Research Center (RDC), 1999. (Evidence-based protocol.
- 60** Weinstein E, Arnold R, Weissman D. Fast facts and concepts #54: opioid infusions. 2001. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 61** Weissman D. Fast fact and concepts #01: treating terminal delirium. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 62** Weissman D. Fast fact and concept #09: hospice and palliative medicine certification exam. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 63** Weissman D. Fast fact and concepts #03: syndrome of imminent death. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 64** Weissman D. Fast fact and concepts #08: morphine and hastened death. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 65** Weissman D. Fast fact and concepts #14: palliative chemotherapy. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 66** Weissman D. Fast fact and concept #18: oral opioid dosing intervals. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 67** Weissman D. Fast fact and concept #20: opioid dose escalation. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 68** Weissman D. Fast fact and concepts #24: DNR orders in the hospital setting--part 2. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.
- 69** Weissman DE. Fast fact and concept #23: DNR orders in the hospital --part 1. Oct 2002. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu.

- 70 Weissman DE. Fast fact and concepts #28: subcutaneous opioid infusions. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 71 Weissman DE. Fast facts and concepts #27: dyspnea at end-of-life. 2000. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 72 Weissman DE. Fast fact and concept #084: Swallow Studies, Tube Feeding and Death Spiral. EPERC, 2003. (End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
- 73 Wilner LS, Arnold R. Fast facts and concepts #125 the palliative performance scale. 2004. (End-of-Life Palliative Education Resource Center).
- 74 Wilner SL, Arnold R. Fast fact and concept #124: the palliative prognostic score (PaP). EPERC, 2004. (End-of-Life Palliative Education Resource Center www.eperc.mcw.edu).

Note: due to its complexity, search #1 has been split into sub-searches. The final sub-search (#1e) represents the total number of items generated by all of the searches.

SEARCH #1a:

Database & Time Period Covered: PubMed – 2004-2005 (APRIL)

Other Limiters: English – Human - All adult (19+ years)

Search Strategy: palliative care[mh] OR attitude to death [mh] OR death [mh:noexp] OR terminal care[mh:noexp] OR hospice care[mh] OR hospices [mh] OR bereavement [mh] OR terminally ill[mh] OR "death and dying"[All Fields] OR "dying loved one"[All Fields] OR "dying patient"[All Fields] OR "dying patients"[All Fields] OR "dying people"[All Fields] OR "dying person"[All Fields] OR "end of life"[All Fields] OR "limited life expectancies"[All Fields] OR "limited life expectancy"[All Fields] OR "limited life span"[All Fields] OR "limited life spans"[All Fields] OR "limited lifespan"[All Fields] OR "limited lifetime"[All Fields] OR "imminent death"[All Fields] OR "imminent demise"[All Fields]

AND

health care quality, access, and evaluation[mh] OR "outcome and process assessment (health care)" [mh] OR consumer satisfaction[mh] OR personal satisfaction[mh] OR quality of life[mh] OR quality of health care[mh] OR value of life[mh] OR questionnaires [mh] OR interviews [mh] OR psychological tests [mh] OR clinical trial[pt] OR clinical trials[mh] OR psychotherapy[mh] OR reproducibility of results[mh] OR predictive value of tests[mh] OR psychiatric status rating scales [mh] OR (rating AND (scale OR scales))

Number Of Items Retrieved: 939

SEARCH #1b:

Database & Time Period Covered: PubMed – 2004-2005(APRIL)

Other Limiters: English – Human - All adult (19+ years)

Search Strategy: (palliative care[mh] OR attitude to death [mh] OR death [mh:noexp] OR terminal care[mh:noexp] OR hospice care[mh] OR bereavement [mh] OR terminally ill[mh] OR "death and dying"[All Fields] OR "dying loved one"[All Fields] OR "dying patient"[All Fields] OR "dying patients"[All Fields] OR "dying people"[All Fields] OR "dying person"[All Fields] OR "end of life"[All Fields] OR "limited life

expectancies"[All Fields] OR "limited life expectancy"[All Fields] OR "limited life span"[All Fields] OR "limited life spans"[All Fields] OR "limited lifespan"[All Fields] OR "limited lifetime"[All Fields] OR "imminent death"[All Fields] OR "imminent demise"[All Fields]

AND

sociology [mh] OR continental population groups[mh] OR socioeconomic factors [mh] OR education [mh:noexp] OR health education [mh] OR age factors [mh] OR sex factors [mh] OR sexuality[mh] OR life style[mh] OR interpersonal relations [mh] OR morale [mh] OR internal-external control [mh] OR social distance [mh] OR cooperative behavior [mh] OR attitude to health [mh] OR religion [mh] OR personality [mh] OR emotions[mh] OR mental competency[mh] OR family[mh] OR caregivers[mh] OR friends[mh] OR sexual partners [mh] OR social environment [mh] OR visitors to patients [mh] OR communication[mh]

Number of Items Retrieved: 591

SEARCH #1c:

Database & Time Period Covered: PubMed – 2004-2005(APRIL)

Other Limiters: English – Human - All adult (19+ years)

Search Strategy: palliative care[mh] OR attitude to death [mh] OR death [mh:noexp] OR terminal care[mh:noexp] OR hospice care[mh] OR bereavement [mh] OR terminally ill[mh] OR "death and dying"[All Fields] OR "dying loved one"[All Fields] OR "dying patient"[All Fields] OR "dying patients"[All Fields] OR "dying people"[All Fields] OR "dying person"[All Fields] OR "end of life"[All Fields] OR "limited life expectancies"[All Fields] OR "limited life expectancy"[All Fields] OR "limited life span"[All Fields] OR "limited life spans"[All Fields] OR "limited lifespan"[All Fields] OR "limited lifetime"[All Fields] OR "imminent death"[All Fields] OR "imminent demise"[All Fields]

AND

health services needs and demand [mh] OR health facilities [mh:noexp] OR academic medical centers [mh] OR health facilities, proprietary [mh] OR health facility environment [mh] OR health facility size [mh] OR hospital administration [mh] OR hospital units [mh:noexp] OR intensive care units [mh] OR hospitals [mh] OR residential facilities [mh] OR community health services [mh:noexp] OR community mental health services [mh] OR home care services [mh] OR home care agencies [mh] OR counseling [mh] OR suburban health services [mh] OR urban health services [mh] OR rural health services [mh] OR women's health services [mh:noexp] OR health services for the aged [mh] OR health services, indigenous [mh] OR health services [mh:noexp] OR community health nursing [mh] OR professional-patient relations [mh] OR public relations [mh] OR decision-making, organizational [mh] OR decision support systems, clinical [mh] OR institutional management teams [mh] OR patient care management [mh] OR role [mh] OR health personnel [mh] OR attitude of health personnel [mh] OR patient care [mh:noexp] OR critical care [mh] OR nursing care [mh] OR life support care [mh] OR health care economics and organizations [mh] OR resource allocation [mh] OR government [mh] OR government programs [mh]

Number of Items Retrieved: 564

SEARCH #1d:

Database & Time Period Covered: Pubmed – 2004-2005(April)

Other Limiters: English – Human -All Adult (19+ Years)

Search Strategy: Results of searches #1a, #1b, and #1c were OR'ed together and OR'ed again with the following: terminal care/economics OR terminal care/psychology OR terminal

care/standards OR terminal care/trends or terminal care/utilization OR terminal illness/psychology OR hospice care/economics OR hospice care/psychology OR hospice care/standards OR hospice care/trends OR hospice care/utilization

Number of Items Retrieved: 1025

SEARCH #1e:

Database & Time Period Covered: PubMed – 2004-2005(APRIL)

Other Limiters: English – Human - All adult (19+ years)

Search Strategy: Results of Search #1d

NOT letter [pt] OR news [pt] OR editorial [pt] OR euthanasia [mh] OR suicide, assisted [mh] OR pregnancy [mh] OR pregnancy complications [mh] OR fetal death [mh] OR case reports[pt]

Number Of Items Retrieved: 806 (NOTE – This total covers from Jan 2004-Apr 2005. I manually deleted the cites covering Jan-Mar 2004, which brought the total to 640.)

SEARCH #2:

Database & Time Period Covered: PubMed – 2004-2005(APRIL)

Other Limiters: English – Human - All aged (65+ years)

Search Strategy: palliative care[mh] OR attitude to death [mh] OR death [mh:noexp] OR terminal care[mh:noexp] OR hospice care[mh] OR hospices [mh] OR terminally ill[mh] OR "death and dying"[All Fields] OR "dying loved one"[All Fields] OR "dying patient"[All Fields] OR "dying patients"[All Fields] OR "dying people"[All Fields] OR "dying person"[All Fields] OR "end of life"[All Fields] OR "limited life expectancies"[All Fields] OR "limited life expectancy"[All Fields] OR "limited life span"[All Fields] OR "limited life spans"[All Fields] OR "limited lifespan"[All Fields] OR "limited lifetime"[All Fields] OR "imminent death"[All Fields] OR "imminent demise"[All Fields] OR terminal care/economics OR terminal care/psychology OR terminal care/standards OR terminal care/trends OR terminal care/utilization OR terminal illness/psychology OR hospice care/economics OR hospice care/psychology OR hospice care/standards OR hospice care/trends OR hospice care/utilization

AND

bereavement[mh] OR bereav*[tiab] OR grief

Number of Items Retrieved: 38

SEARCH #3:

Database & Time Period Covered: PubMed –2005(APRIL 1) – 2005(NOVEMBER 17)

Other Limiters: English – Human - All adult (19+)

Search Strategy: same as searches 1a-1e

Number of Items Retrieved: 313

SEARCH #4:

Database & Time Period Covered: PubMed –2005(APRIL 1) – 2005(NOVEMBER 17)

Other Limiters: English – Human - All adult (65+)

Search Strategy: same as search 2

Number Of Items Retrieved: 10

Search #5

Databases: Google

Time period covered: 1998-2005

Search strategy: end of life, palliative care, palliation, end-stage, frailty, frail, cancer, metastatic cancer, prostate cancer, breast cancer, lung cancer, colorectal cancer, advanced heart failure, congestive heart failure, CHF, chronic obstructive lung disease, COPD, Alzheimer's, dementia, depression, depressive symptoms, emotional depression, antidepressive agents, pain, morphine, opiates, dyspnea, shortness of breath, fatigue, weight loss, loss of appetite, nausea, vomiting, advance care planning, advance directives, goals of care, DNR, DNI, withholding or withdrawal of treatment, provider-patient, doctor-patient, communication, empathy, bad news, symptoms, symptom burden, caregiving burden, caregivers, family burden, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 74

Falls & Mobility

Guidelines and Quality Indicators Identified via Web Search

- 1 Guideline for the prevention of falls in older persons. American Geriatrics Society, British Geriatrics Society, and American Academy of Orthopedic Surgeons Panel on Falls Prevention. J Am Geriatr Soc. 2001 May; 49(5):664-72.
- 2 American Medical Directors Association (AMDA) . Falls and fall risk. Clinical Practice Guideline. 2003.
- 3 Centers for Disease Control and Prevention. CDC recommendations regarding selected conditions affecting women's health: prevention of falls and resulting hip fractures. Morbidity and Mortality Weekly Report (MMWR). 2000; 29(RR-2):1-12.
- 4 Department of Health. National guideline on prevention of falls of older persons. Government Communication and Information System (GCIS); 2000.
- 5 Editors. Falls of the elderly [Web Page]. 2001 Dec 30; Accessed 2004 Dec 30.
- 6 Feder, G.; Cryer, C.; Donovan, S., and Carter, Y. Guidelines for the prevention of falls in people over 65. The Guidelines' Development Group. BMJ. 2000 Oct 21; 321(7267):1007-11.
- 7 Health Care Association of New Jersey (HCANJ). Fall management guidelines. Hamilton, NJ: Health Care Association of New Jersey; 2003.
- 8 Health Plan of Nevada. Health plan of Nevada geriatric falls guidelines. Nevada: Health Plan of Nevada, Inc.; 1997.
- 9 Injury Advisory Committee. The assessment, management and prevention of falls in the elderly in the South Western Sydney area health service. Clinical Practice Guidelines.
- 10 National Collaborating Centre for Nursing and Supportive Care. Clinical Guideline 21 Falls: the assessment and

prevention of falls in older people. London: National Institute for Clinical Excellence; 2004 Nov.

- 11 New Zealand Guidelines Group. Prevention of hip fracture amongst people aged 65 years and over. Best Practice Evidenced-Based Guideline. 2003 Jun.
- 12 Queensland Government. Falls prevention: best practice guidelines for public hospitals and state government residential aged care facilities incorporating a community integration supplement. Queensland Government; 2003(Quality Improvement and Enhancement Program).
- 13 Registered Nurses Association of Ontario (RNAO). Prevention of falls and fall injuries in the older adult. Toronto, Canada: Registered Nurses Association in Ontario; 2002.
- 14 Resnick, B. Preventing falls in acute care. Mezey, M.; Fulmer, T.; Abraham, I., and Zwicker, D. A. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003; pp. 141-164.
- 15 Salsbury Lyons, S. Fall prevention for older adults. The University of Iowa Gerontology Nursing Interventions Research Center Research Dissemination Core (RDC); 2004 Feb(Evidence-Based Protocol).
- 16 Scottish Intercollegiate Guidelines Network (SIGN). Clinical Guideline 56: Prevention and management of hip fracture in older people. 2002 Jan.

Search #1

PubMed Search Strategies

("Accidental Falls"[MeSH] AND (Fall[TI] OR Falls[TI] OR falling[TI]))

AND

(screening OR assessment OR evaluation OR examination OR "blood pressure" OR "orthostatic blood pressure" OR vision OR "visual acuity" OR gait OR balance OR mobility OR medication OR "medication review" OR benzodiazepine OR "environmental assessment" OR "home assessment" OR "urinary incontinence" OR "cognitive impairment" OR "vitamin d" OR footwear OR shoes OR "hip protector" OR exercise OR "physical activity" OR "physical therapy" OR "balance training" OR "gait training" OR "strength training" OR endurance OR "assistive device" OR "self management" OR "self-management" OR "self efficacy" OR "self-efficacy" OR "fall clinic" OR "falls clinic")

AND

("Geriatric Assessment"[MeSH] OR "Aged"[MeSH] OR "Frail Elderly"[MeSH] OR "Health Services for the Aged"[MeSH] OR "Aged, 80 and over"[MeSH] OR "Geriatrics"[MeSH] OR aged[TI] OR aging[TI] OR "elder care"[TI] OR elderly[TI] OR "elderly care"[TI] OR geriatric*[TI] OR "geriatric assessment"[TI] OR older[TI] OR senior[TI] OR gerontol*[TI])

AND

((("Clinical Trial"[Publication Type] OR "Clinical Trials"[MeSH] OR "Controlled Clinical Trial"[Publication Type]) OR ("Randomized Controlled Trial"[Publication Type] OR "Randomized Controlled Trials"[MeSH]) OR ("Prospective Studies"[MeSH] OR "Cohort Studies"[MeSH]) OR "Follow-Up Studies"[MeSH] OR "cohort study" OR "prospective study" OR "follow-up study" OR "randomized controlled trial" OR "clinical trial" OR ("Meta-Analysis"[MeSH] OR "Meta-Analysis"[Publication Type]) OR

"Review"[Publication Type] OR "meta-analysis" OR "meta analysis" OR "systematic review")
Results: 484
Limits applied:
Publication Date: 1997-2005
Language: English
Subjects: Humans
Total PubMed Results: 314

Cochrane Library Search Strategies

("geriatric assessment" or aged or "frail elderly" or "health services for the aged" or "aged, 80 and over" or geriatric* or aged or aging or "elder care" or elderly or "elderly care" or "geriatric assessment" or older or senior or frail or geront*) in All Fields, from 1997 to 2005 in Cochrane Reviews, DARE and CENTRAL
AND
"accidental falls" in All Fields or (fall or falls or falling) in Record Title, from 1997 to 2005 in Cochrane Reviews, DARE and CENTRAL
AND
("clinical trial" or "clinical trials" or "Controlled clinical trial" or "randomized controlled trials" or "prospective studies" or "cohort studies" or "follow-up studies" or "cohort study" or "prospective study" or "follow-up study" or "randomized controlled trial" or "clinical trial" or "meta-analysis" or "meta analysis" or "systematic review") in All Fields, from 1997 to 2005 in Cochrane Reviews, DARE and CENTRAL
Total Cochrane Results: 189
Total Unique Records from PubMed and Cochrane Searches: 499

Search #2

Databases: Google
Time period covered: 1998-2005
Search strategy (terms): Fall, falls, gait, balance, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 16

Hearing Loss

Guidelines and Quality Indicators Identified via Web Search

- 1 Audiology clinical practice algorithms and statements. American Academy of Audiology, 2000.
- 2 Clinical indicators acoustic neuroma surgery. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.
- 3 Clinical indicators auditory brainstem response. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.
- 4 Clinical indicators mastoidectomy. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.

- 5 Clinical indicators myringotomy and tympanostomy tubes. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.
- 6 Clinical indicators stapedectomy. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.
- 7 Clinical indicators tympanoplasty . Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2000.
- 8 Policy statement: cochlear implants. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 1998.
- 9 Policy statement: hearing impairment. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 1998.
- 10 Policy statement: minimal test battery for cochlear implants. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 1998.
- 11 Policy statement: red flags-warning of ear disease. Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery, 2002.

Search #1

Databases: Google

Time period covered: 1998-2005

Search strategy (terms): Hearing, hearing loss, hearing impairment, hearing aids, otolaryngology, audiology, cochlear implants, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 11

Heart Failure

Guidelines and Quality Indicators Identified via Web Search

- 1 Hunt et al. ACC/AHA guidelines for the evaluation and management of chronic heart failure in the adult: a report of the American College of Cardiology/American Heart Association task force on practice guidelines (Committee to revise the 1995 guidelines for the evaluation and management of heart failure). ACC/AHA Practice Guidelines. 2001:1-55.
- 2 Measuring and improving quality of care: a report from the American Heart Association/American College of Cardiology First Scientific Forum on Assessment of Healthcare Quality in Cardiovascular Disease and Stroke. *Circulation*. 2000 Mar 28; 101(12):1483-93.
- 3 American Medical Directors Association (AMDA) . Heart failure. Clinical Practice Guideline. 2002.
- 4 Centers for Medicare & Medicaid Services (CMS) and Joint Commission on Accreditation of Healthcare Organizations

(JCAHO). Heart failure national quality measures. (Specifications Manual for National Hospital Quality Measures; Version 1.01).

- 5 Membership of the Advisory Council to Improve Outcomes Nationwide in Heart Failure. Consensus recommendations for the management of chronic heart failure. *The American Journal of Cardiology*. 12199; 83 (2A).
- 6 Ellonen, Markku. Chronic heart failure. Duodecim Medical Publications, Ltd.; 2004; ebm00088 (004.072).
- 7 Physician Consortium for Performance Improvement; American College of Cardiology, and American Heart Association. Clinical performance measures heart failure tools developed by physicians for physicians. American Medical Association; 2003.
- 8 Heart Failure Society of America. Heart failure society of America guidelines for management of patients with heart failure caused by left ventricular systolic dysfunction - pharmacological approaches. *Journal of Cardiac Failure*; 1999(; 5:357-82).
- 9 American Board of Family Practice. Chronic heart failure. 8th ed.; American Board of Family Practice; 2001.
- 10 Kaiser Permanente and Care Management Institute's Heart Failure Guideline Workgroup. Guidelines for the management of heart failure in primary care. Care Management Institute Kaiser Permanente; 2002 May.
- 11 Guidelines on the diagnosis and treatment of acute heart failure. European Society of Cardiology; 2005.
- 12 Remme, W. J. and Swedberg, K. Guidelines for the diagnosis and treatment of chronic heart failure. *Eur Heart J*. 2001 Sep; 22(17):1527-60.
- 13 . The Pharmacologic Management of Chronic Heart Failure. Veterans Health Administration; 2002 Dec.
- 14 Chronic Heart Failure. National Clinical Guideline for Diagnosis and Management in Primary and Secondary Care. National Institute for Clinical Excellence; 2003.
- 15 Lee, D. S.; Tran, C.; Flintoft, V.; Grant, F. C.; Liu, P. P., and Tu, J. V. CCORT/CCS quality indicators for congestive heart failure care. *Can J Cardiol*. 2003 Mar 31; 19(4):357-64.
- 16 Office of Quality Performance. FY2005 VHA Performance Measures Technical Manual - Section on heart failure. Office of Quality Performance; 2005 May.
- 17 Brown, A. Kerr, EA; Asch, SM; Hamilton, EG, and McGlynn, EA, eds. Quality of Care for Cardiopulmonary Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND; 2000.

Search #1

Databases: Google

Time period covered: 1998-2005

Search strategy: Congestive heart failure, heart failure, chronic heart failure, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 17

Hospitalization & Surgery

Guidelines and Quality Indicators Identified via Web Search

- 1 Clinical policy: critical issues in the evaluation and management of adult patients presenting with suspected lower-extremity deep venous thrombosis. *Ann Emerg Med* 2003; 42(1):124-35.
- 2 Clinical policy for the management and risk stratification of community-acquired pneumonia in adults in the emergency department. *Ann Emerg Med* 2001; 38(1):107-13.
- 3 National voluntary consensus standards for cardiac surgery. Washington, D.C.: National Quality Forum, 2004.
- 4 National voluntary consensus standards for hospital care: an initial performance measure set. Washington, D.C.: National Quality Forum, 2003.
- 5 Postoperative management in adults. Scottish Intercollegiate Guidelines Network, 2004.
- 6 Preoperative Evaluation. Institute for Clinical Systems Improvement, 2003.
- 7 Venous Thromboembolism. Institute for Clinical Systems Improvement, 2004.
- 8 Venous Thromboembolism Prophylaxis for Surgical/Trauma Patients. Institute for Clinical Systems Improvement, 2003.
- 9 Agency for Healthcare Research and Quality (AHRQ). Guide to patient safety indicators. 2003.
- 10 American Medical Directors Association (AMDA). Pressure ulcer therapy companion. Clinical Practice Guideline 1999.
- 11 American Medical Directors Association (AMDA) , American Health care Association (AHCA). Altered mental states. Clinical Practice Guideline 1998.
- 12 Blondin M. Prevention of deep vein thrombosis. The University of Iowa Gerontology Nursing Interventions Research Center, 1999. (Evidence-Based Protocol).
- 13 Centers for Medicare & Medicaid Services (CMS), Joint Commission on Accreditation of Healthcare Organizations (JCAHO). Pneumonia national quality measures. (Specifications Manual for National Hospital Quality Measures).
- 14 Centers for Medicare & Medicaid Services (CMS), Joint Commission on Accreditation of Healthcare Organizations (JCAHO). Surgical infection prevention national quality measures. (Specifications Manual for National Hospital Quality Measures).

- 15 EAST Practice Parameter Workgroup for DVT Prophylaxis. Practice Management Guidelines for the Management of Venous Thromboembolism in Trauma Patients. Winston-Salem, NC: Eastern Association for the Surgery of Trauma, 2001.
- 16 Joint Commission on Accreditation of Healthcare Organization (JCAHO). Specification manual for national hospital quality measures - ICU core measure overview. JCAHO. (ICU Core Measure Overview).
- 17 Moore A. Community-Acquired Pneumonia. Kerr E, Asch S, Hamilton E, McGlynn Ee. Quality of Care for Cardiopulmonary Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND, 2000.
- 18 National Committee for Quality Assurance. Pneumonia vaccination status for older adults. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 19 Office of Quality and Performance. Tobacco. FY 2005 VHA Performance Measures Technical Manual. 2005. (Performance Measurement System and JCAHO Hospital Core Measures.
- 20 Office of Quality and Performance. Infectious. FY 2005 VHA Performance Measures Technical Manual. 2005. (Performance Measurement System and JCAHO Hospital Core Measures.
- 21 Resnick B. Preventing falls in acute care. Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc., 2003: 141-64.
- 22 Tablan OC, Anderson LJ, Besser R, Bridges C, Hajjeh R. Guidelines for preventing health-care--associated pneumonia, 2003: recommendations of CDC and the Healthcare Infection Control Practices Advisory Committee. MMWR Recomm Rep 2004; 53(RR-3):1-36.
- 23 Wound Ostomy and Continence Nurses Society (WOCN). Guideline for prevention and management of pressure ulcers. 2003. (WOCN Clinical Practice Guideline Series.
- 24 Zwicker D, Picariello G. Discharge planning for the older adult. Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.,

Search #1

Databases: Cochrane Reviews Database (Systematic Reviews & Protocols)

Time period covered: 1997-2005

Search strategy (terms): hospital* OR surgery OR surgical OR operati* OR preoperati* OR pre-operati* OR perioperati* OR peri-operati* OR postoperati* OR post-operati* AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail

Number of items retrieved: 72

Search #2

Databases: Cochrane Database of Reviews of Effects (DARE)

Time period covered: 1997-2005

Search strategy (terms): hospital* OR surgery OR surgical OR operati* OR preoperati* OR pre-operati* OR perioperati* OR peri-operati* OR postoperati* OR post-operati* AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail

Number of items retrieved: 273

Search #3

Databases: Cochrane Central Database (Controlled Clinical Trials Register)

Time period covered: 1998-2005

Search strategy (terms): hospital* OR surgery OR surgical OR operati* OR preoperati* OR pre-operati* OR perioperati* OR peri-operati* OR postoperati* OR post-operati* AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail

Number of items retrieved: 171

Search #4 (INDICATOR – COMMUNICATIONS)

Databases: PubMed

Time period covered: 1998-2005

Other limiters: ENGLISH, HUMAN

Search strategy IA (terms): aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail

AND hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis*

AND communicat*[ti] OR communication [majr] OR physician patient relation* OR nurse-patient relations* OR transition* OR posthospital OR post hospital* OR continuity of care OR aftercare OR beers criteri* OR polypharmac* OR hearing aid* OR dentures OR postoperative care OR postoperative [ti] OR post operative [ti]

NOT case report

Number of items retrieved: 1918

Search #5 (INDICATOR - INDWELLING CATHETERIZATION/URINARY TRACT INFECTION)

Databases: PubMed

Time period covered: 1998-2005

Other limiters: ENGLISH, HUMAN

Search strategy (terms): hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis* OR prevent*[ti] OR prevention [sh]

AND (catheter*[mh] OR catheter*[ti]) AND (indwelling OR urinary tract infection [mh] OR urinary tract infection*[ti])

NOT case report*

Number of items retrieved: 578

Search #6 (INDICATOR - CENTRAL VENOUS CATHETERS)

Databases: PubMed

Time period covered: 1998-2005

Other limiters: ENGLISH, HUMAN

Search strategy (terms): hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis* OR prevent*[ti] OR prevention [sh] AND (catheter*[mh] OR catheter*[ti]) AND (indwelling

OR urinary tract infection [mh] OR urinary tract infection*[ti]) OR catheterization,
central venous NOT case report* NOT results of Search #5
Number of items retrieved: 452

Search #7a (INDICATOR - VENTILATOR ASSOCIATED PNEUMONIA)

Databases: PubMed
Time period covered: 1998-2005
Other limiters: ENGLISH, HUMAN
Search strategy 1A (terms): hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis*
OR prevent*[ti] OR prevention [sh]
AND (pneumonia AND (ventilators, mechanical OR ventilator*[ti]))
NOT case report*
NOT results of Search #5
Number of items retrieved: 399

Search #7b (INDICATOR - ASPIRATION PNEUMONIA)

Databases: PubMed
Time period covered: 1998-2005
Other limiters: ENGLISH, HUMAN
Search strategy (terms): hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis* OR
prevent*[ti] OR prevention [sh] AND pneumonia, aspiration [majr] OR aspiration
pneumonia [ti] AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog*
OR vulnerable OR frail NOT case report* NOT results of Search #7a
Number of items retrieved: 280

Search #8 (INDICATOR - SURGICAL SITE INFECTION)

Databases: PubMed
Time period covered: 1998-2005
Other limiters: ENGLISH, HUMAN
Search strategy (terms): hospital*[ti] OR hospitals [mh] OR hospitaliz* OR hospitalis* OR
prevent*[ti] OR prevention [sh] AND surgical wound infection NOT case report*
Number of items retrieved: 1087

SEARCH #9 (INDICATOR - PREOPERATIVE EVALUATION)

Databases: PubMed
Time period covered: 1998-2005
Other limiters: ENGLISH, HUMAN
Search strategy (terms): preoperative care OR preoperative [ti] OR (pre-operative [ti] AND
surgical wound infection)
AND assess* OR evaluat* OR risk assessment OR risk*[mh] OR risk*[ti]
AND pulmonary OR cardiac OR heart OR coronary OR diabetes OR function*
NOT case report*
NOT Results of Search #8
Number of items retrieved: 1428

SEARCH #10

Databases: Google
Time period covered: 1998-2005
Search strategy (terms): surgery, hospitalization, inpatient perioperative care, inpatient
preoperative care, patient safety, falls prevention, inpatient nutrition, delirium prevention,

deep vein thrombosis prevention, pneumonia prevention, pneumonia treatment, aspiration pneumonia, bacterial pneumonia, inpatient education, inpatient physician communication, outpatient physician communication, patient discharge, urinary tract infection prevention, pressure ulcer prevention, mobilization, physical therapy, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 24

Hypertension

Guidelines and Quality Indicators Identified via Web Search

- 1 1999 World Health Organization-International Society of Hypertension Guidelines for the Management of Hypertension. Guidelines Subcommittee. J Hypertens. 1999 Feb; 17(2):151-83.
- 2 2003 European Society of Hypertension-European Society of Cardiology guidelines for the management of arterial hypertension. J Hypertens. 2003 Jun; 21(6):1011-53.
- 3 Drugs for hypertension. Treat Guidel Med Lett. 2003 Feb; 1(6):33-40.
- 4 Initial therapy of hypertension. Med Lett Drugs Ther. 2004 Jul 5; 46(1186):53-5.
- 5 Pharmacologic treatment of the elderly, dieting to reduce weight in the treatment of hypertension, recommendation against antiplatelet use in hypertension. Cochrane Reviews.
- 6 Treatment of hypertension in the elderly [Web Page]. Available at: http://members.kaiserpermanente.org/kpweb/pdf/feature/247clinicalpracguide/CML_HypertensionGuideline_public_web_102103.pdf.
- 7 Treatment of isolated systolic hypertension [Web Page]. Available at: <http://www.utdol.com/application/topic.asp?file=hyperten/17098&type=A&selectedTitle=1~13>.
- 8 What is goal blood pressure in treatment of hypertension? [Web Page]. Available at: <http://www.utdol.com/application/topic.asp?file=hyperten/4074&type=A&selectedTitle=10~326>.
- 9 Agency of Healthcare Research (AHRQ). Available at: <http://www.qualitymeasures.ahrq.gov/browse/browsemode.aspx?root=0.0.0.0&path=0.0.0.0.49.15D.AC3>.
- 10 American College of Cardiology (ACC). Ambulatory blood pressure monitoring. Bethesda, Maryland.
- 11 American College of Cardiology (ACC) ; American Heart Association (AHA) , and Physician Consortium for Performance Improvement (The Consortium). Clinical performance measures: hypertension. American Medical Association; 2003.

- 12 Arauz-Pacheco, C.; Parrott, M. A., and Raskin, P. Hypertension management in adults with diabetes. *Diabetes Care*. 2004 Jan; 27 Suppl 1:S65-7.
- 13 Chaudhry, S. I.; Krumholz, H. M., and Foody, J. M. Systolic hypertension in older persons. *JAMA*. 2004 Sep 1; 292(9):1074-80.
- 14 Chobanian, A. V.; Bakris, G. L.; Black, H. R.; Cushman, W. C.; Green, L. A.; Izzo, J. L. Jr; Jones, D. W.; Materson, B. J.; Oparil, S.; Wright, J. T. Jr, and Roccella, E. J. Seventh report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure. *Hypertension*. 2003 Dec; 42(6):1206-52.
- 15 The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure: the JNC 7 report. *JAMA*. 2003 May 21; 289(19):2560-72.
- 16 Cifkova, R.; Erdine, S.; Fagard, R.; Farsang, C.; Heagerty, A. M.; Kiowski, W.; Kjeldsen, S.; Luscher, T.; Mallion, J. M.; Mancia, G.; Poulter, N.; Rahn, K. H.; Rodicio, J. L.; Ruilope, L. M.; van Zwieten, P.; Waeber, B.; Williams, B., and Zanchetti, A. Practice guidelines for primary care physicians: 2003 ESH/ESC hypertension guidelines. *J Hypertens*. 2003 Oct; 21(10):1779-86.
- 17 Cleophas, T. J. and van Marum, R. Age-related decline in autonomic control of blood pressure: implications for the pharmacological management of hypertension in the elderly. *Drugs Aging*. 2003; 20(5):313-9.
- 18 Elliott, W. J. Optimizing medication adherence in older persons with hypertension. *Int Urol Nephrol*. 2003; 35(4):557-62.
- 19 Flack, J. M.; Peters, R.; Shafi, T.; Alrefai, H.; Nasser, S. A., and Crook, E. Prevention of hypertension and its complications: theoretical basis and guidelines for treatment. *J Am Soc Nephrol*. 2003 Jul; 14(7 Suppl 2):S92-8.
- 20 Hemmelgarn, B. R.; Zarnke, K. B.; Campbell, N. R.; Feldman, R. D.; McKay, D. W.; McAlister, F. A.; Khan, N.; Schiffrin, E. L.; Myers, M. G.; Bolli, P.; Honos, G.; Lebel, M.; Levine, M., and Padwal, R. The 2004 Canadian Hypertension Education Program recommendations for the management of hypertension: Part I--Blood pressure measurement, diagnosis and assessment of risk. *Can J Cardiol*. 2004 Jan; 20(1):31-40.
- 21 Kaiser Permanente. Kaiser Permanente Clinical Guideline 2003 [Web Page]. Available at: http://members.kaiserpermanente.org/kpweb/pdf/feature/247clinicalpracguide/CML_HypertensionGuideline_public_web_102103.pdf.
- 22 Kaplan, N. Maximizing antihypertensive management in the elderly. *Cleve Clin J Med*. 2000 Aug; 67(8):551-3.
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diagnosis and management of hypertension in the primary care setting. 1999 May.

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SEARCH #1

Database & Time Period Covered: Cochrane Database of Reviews of Effects (DARE) – 1998-2005

Search Strategy: hypertension[mh] OR hypertens*[ti] OR blood pressure OR hypotens* OR antihypertens* or anti-hypertens*

Number of Items Retrieved: 307

SEARCH #1a: (INDICATOR – SCREENING & FOLLOW-UP)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: (hypertension[mh] OR hypertens*[tiab]) OR ((high OR elevated) AND blood pressure) AND mass screening OR screen*[tiab] OR follow-up OR follow up

AND (asymptomatic OR undiagnosed) OR 120/80 OR 140/90 OR 160/100 OR 180/110
Number of Items Retrieved: 365

SEARCH #1b: (INDICATOR – SCREENING & FOLLOW-UP - REVISION)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: (hypertension[mh] OR hypertens*[ti]) OR ((high OR elevated OR stage) AND blood pressure) OR prehypertens* AND mass screening OR screen*[tiab] OR follow-up OR follow up

AND asymptomatic OR undiagnosed
Number of Items Retrieved: 146

SEARCH #1c: (INDICATOR – SCREENING & FOLLOW-UP – REVISION)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: stage AND (hypertension[mh] OR hypertens*[ti]) AND mass screening OR screen*[tiab] OR follow-up NOT case report* NOT results of Search # 1b

Number of Items Retrieved: 173

SEARCH #1d: (INDICATOR – SCREENING & FOLLOW-UP – REVISION)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: (hypertension[mh] OR hypertens[tiab]) OR ((high OR elevated) AND blood pressure)*

AND

acute coronary OR heart failure, congestive OR congestive heart failure OR aortic dissection OR encephalo* OR papilledema OR acute renal failure OR acute kidney failure

AND

emergency

NOT

case report*

NOT results of Search # 1b or 1c

Number of Items Retrieved: 44

SEARCH #2: (INDICATOR – DOCUMENTATION)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: (hypertension[majr] OR hypertens[ti]) OR ((high OR elevated OR stage 1 OR stage 2 OR stage one OR stage two OR stage I OR stage II) AND blood pressure)*

AND

document*

AND

diagnos*

NOT

case report*

Number of Items Retrieved: 569

SEARCH #3a: (INDICATOR – MONITORING)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: hypertension[mh] OR hypertens[ti] OR ((high OR elevated OR stage) AND blood pressure)*

AND

aged[mh] OR aged[ti] OR elder* OR old OR geriatric* OR gerontolog*

AND

blood pressure monitoring, ambulatory OR monitor*[tiab]

NOT

pregnan* OR prenatal

NOT

case report*

Number of Items Retrieved: 1133

SEARCH #3b: (INDICATOR – MONITORING - including HOME MONITORING - REVISION)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: hypertension[mh] OR hypertens[ti] OR ((high OR elevated OR stage) AND blood pressure)*

AND
aged[mh] OR aged[ti] OR elder* OR old OR geriatric* OR gerontolog*
AND
((ambulatory OR home) AND monitor*) OR blood pressure monitoring, ambulatory
AND
diagnos* OR risk OR hypotens* OR falls
NOT
pregnan*
NOT
case report*
Number of Items Retrieved: 873

SEARCH #4: (INDICATOR – SECONDARY CAUSES)

Database & Time Period Covered: PUBMED – 1998-2005

Other Limiters: ENGLISH, HUMAN

Search strategy: hypertension[mh] OR hypertens[ti] OR ((high OR elevated OR stage)
AND blood pressure)
AND
alcoholism OR alcohol drinking OR alcohol consumption OR obstructive sleep apnea OR
nsaid* OR non-steroidal anti-inflammatory OR non-steroidal antiinflammatory OR
nonsteroidal anti-inflammatory OR nonsteroidal antiinflammatory OR (auscult* AND
renal AND artery AND bruit*) OR atherosclerotic renovascular OR (glomerular AND
filtrat*) OR (serum AND calcium) OR hyperparathyroid*
NOT
pregnan*
NOT
case report**

Number of Items Retrieved: 1579

SEARCH #5:

*Database & Time Period Covered: Cochrane Database of Reviews of Effects (DARE) –
1998-2005*

Search Strategy: hypertension[mh] OR hypertens[ti] OR blood pressure
OR
hypotens*
OR
antihypertens* or anti-hypertens**

Number of Items Retrieved (after duplicates were removed): 307

Web Search Strategies

Searches Conducted on October 3, 2004

The search for hypertension guidelines included the following sources:

- MEDLINE – 226 citations
("Quality Indicators, Health Care"[MAJR] OR "Practice Guidelines"[MAJR]) AND
("Hypertension"[MAJR])
- Cochrane Review
- Google Hypertension AND ("Clinical Guidelines" or "Practice Guidelines" or "Quality
Measurement" or "Quality indicators")
- Guide to Clinical and Preventive Services (USPTF)
- HEDIS Health Plan Employer Data and Information Set

- National Guideline Clearinghouse, Agency for Health Care Policy and Research (AHCPR)
- Agency for Healthcare Research and Quality, Quality Tools
- Veterans Administration
- Kaiser Family Foundation
- American College of Physicians
- American College of Cardiology
- American Geriatrics Society
- Society of Geriatric Cardiology
- Medical Letter – problems with access for now, but there are two articles since JNC7 (initial medications for hypertension, treatment guidelines for hypertension)
- Up to Date
- Consumer Assessment Health Plan Survey (CAHPS) - no relevant indicators
- Commonwealth Fund International Working Group on Quality Indicators http://www.cmwf.org/usr_doc/ministers_complete2004report_752.pdf , but no relevant indicators
- Institute for Health Improvement – no relevant guidelines
- Institute of Medicine - no relevant guidelines
- Directory of Clinical Practice Guidelines (AMA)
- National Library of Health Care Indicators (JCAHO)
- The Medical Outcomes & Guidelines Sourcebook (Faulkner & Gray?)

Ischemic Heart Disease

Guidelines and Quality Indicators Identified via Web Search

- 1 Acute myocardial infarction national quality measures. (Specifications Manual for National Hospital Quality Measures.
- 2 Measuring and improving quality of care: a report from the American Heart Association/American College of Cardiology First Scientific Forum on Assessment of Healthcare Quality in Cardiovascular Disease and Stroke. *Circulation* 2000; 101(12):1483-93.
- 3 Cardiovascular Disease in Women: A Guide to Risk Factor Screening, Prevention and Management. Boston, MA: Brigham and Women's Hospital, 2002.
- 4 American Board of Family Practice. Coronary artery disease. Reference guide. The American Board of Family Practice, 2001.
- 5 American College of Cardiology , American Heart Association , Physician Consortium for Performance Improvement. Clinical performance measures: chronic stable coronary artery disease. Physician Consortium for Performance Improvement 2003.
- 6 American College of Emergency Physicians (ACEP). Clinical policy: critical issues in the evaluation and management of adult patients presenting with suspected acute myocardial

infarction or unstable angina. *Ann Emerg Med* 2000; 35:521-44.

- 7 American Healthways. Specialty referral guidelines for cardiovascular evaluation and management. 2002; 1:1-26.
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- 9 Booth GL, Wang EE. Preventive health care, 2000 update: screening and management of hyperhomocysteinemia for the prevention of coronary artery disease events. The Canadian Task Force on Preventive Health Care. *CMAJ* 2000; 163(1):21-9.
- 10 Braunwald et al. ACC/AHA 2002 Guidelines update for the management of patients with unstable angina and Non-ST-Segment elevation Myocardial Infarction. American College of Cardiology and the American Heart Association 2002; 1-95.
- 11 Cannon CP, Battler A, Brindis RG et al. American College of Cardiology key data elements and definitions for measuring the clinical management and outcomes of patients with acute coronary syndromes. A report of the American College of Cardiology Task Force on Clinical Data Standards (Acute Coronary Syndromes Writing Committee). *J Am Coll Cardiol* 2001; 38(7):2114-30.
- 12 Centre for Health Services Research University of Newcastle upon Tyne, Medicines Evaluation Group Centre for Health Economics University of York. Prophylaxis for patients who have experienced a myocardial infarction: drug treatment, cardiac rehabilitation and dietary manipulation. North of England Evidence-Based Guidelines Development Project. 1-115.
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- 14 CMRI. Variations in health care quality: racial, ethnic, and economic disparities in medicare fee-for-service in California. California HealthCare Foundation, 2003.
- 15 Department of Health U. Annex A: quality indicators--summary of points--secondary prevention in coronary heart disease.
- 16 Eagle KA, Berger PB, Calkins H et al. ACC/AHA guideline update for perioperative cardiovascular evaluation for noncardiac surgery--executive summary a report of the American College of Cardiology/American Heart Association

Task Force on Practice Guidelines (Committee to Update the 1996 Guidelines on Perioperative Cardiovascular Evaluation for Noncardiac Surgery). 2002. (Available at www.acc.org/clinical/guidelines/perio/dirIndex.htm).

- 17 Eagle KA, Guyton RA, Davidoff R et al. ACC/AHA 2004 guideline update for coronary artery bypass graft surgery: summary article: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1999 Guidelines for Coronary Artery Bypass Graft Surgery). (Available at www.acc.org/clinical/guidelines/cabg/cabg.pdf).
- 18 Editors. Myocardial infarction [Web Page]. 13 September 2004; (Accessed 30 December 2004).
- 19 Editors. Coronary heart disease (CHD): symptoms, diagnosis and treatment [Web Page]. 14 September 2004; (Accessed 30 December 2004).
- 20 Editors. Thrombolytic therapy and PTCA in acute ST elevation myocardial infarction (STEMI) [Web Page]. 14 September 2004; (Accessed 30 December 2004).
- 21 Editors. Unstable angina pectoris [Web Page]. 14 September 2004; (Accessed 30 December 2004).
- 22 Eyre H, Kahn R, Robertson RM et al. Preventing cancer, cardiovascular disease, and diabetes: a common agenda for the American Cancer Society, the American Diabetes Association, and the American Heart Association. *Circulation* 2004; 109(25):3244-55.
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- 27 Institute for Clinical Systems Improvement (ICSI). Treatment of acute myocardial infarction. *ICSI Health Care Guideline* 2002; 1-68.
- 28 Institute for Clinical Systems Improvement (ICSI). Stable coronary artery disease. *ICSI Health Care Guideline* 2003; 9th Edition:1-42.

- 29 Kaiser Permanente Care Management Institute , Coronary Artery Disease Guidelines Workgroup. Evidence-based guidelines and technical review for the secondary prevention of coronary artery disease. Kaiser Permanente Medical Care Program, 2002.
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- 31 Mosca Lea. Evidence-based guidelines for cardiovascular disease prevention in women. *Circulation* 2004; (109):672-93.
- 32 National Committee for Quality Assurance . Beta-blocker treatment after a heart attack. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance; 2004.
- 33 National Committee for Quality Assurance . Cholesterol management after acute cardiovascular event. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance , 2004.
- 34 National Committee for Quality Assurance . Persistence of beta-blocker treatment after a heart attack. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
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- 37 Pearson et al. AHA guidelines for primary prevention of cardiovascular disease and stroke: 2002 update consensus panel guide to comprehensive risk reduction for adult patients without coronary or other atherosclerotic vascular diseases. *Circulation* 2002; (106):388-91.
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SEARCH #1

Database Searched & Time Period Covered: Cochrane DARE – 1998-2005

Search Strategy: ischemic AND (heart OR coronary OR cardiac) AND disease

OR

myocardial infarct* OR unstable angina OR "coronary artery disease" OR "coronary heart disease" OR "high cholesterol" OR ldl OR hypercholesterolemia

Number of Items Retrieved: 321

SEARCH #2 (INDICATOR – LEFT VENTRICULAR DYSFUNCTION)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial infarction OR heart attack
AND
ventricular dysfunction, left OR (left AND ventric*[ti])
AND
acute
NOT
case report*

Number of Items Retrieved: 525

SEARCH #3a (INDICATOR – STRESS TESTS)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: myocardial infarction OR heart attack OR angina, unstable OR unstable angina
AND
exercise test[mh]OR stress test*[ti] OR echocardiography, stress[majr]
AND
stratif* OR risk* OR prognos* OR predict* OR assess* OR triage
NOT
case report*
NOT results of Search #2

Number of Items Retrieved: 822

SEARCH #3b (INDICATOR – STRESS TESTS - REVISION)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial infarction OR heart attack
AND
exercise test[mh]OR stress test*[ti] OR echocardiography, stress[majr]
NOT
case report*

Number of Items Retrieved: 606

SEARCH #4a (INDICATOR – CABG)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
(left AND ventric* AND ejection) OR (ventricular dysfunction, left AND ejection)
AND
coronary artery bypass OR cabg
NOT
case report*

Number of Items Retrieved: 452

SEARCH #4b (INDICATOR – CABG - REVISION)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
(left AND ventric* AND ejection) OR (ventricular dysfunction, left AND ejection)
AND
coronary artery bypass[mh] OR cabg[ti]
NOT
case report*

Number of Items Retrieved: 358

SEARCH #5 (INDICATOR – SMOKING CESSATION)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial ischemia OR (ischem* AND (myocardial OR heart)) OR coronary disease*
AND
smoking[majr] OR smok*[ti] OR smoking cessation
NOT
case report*
NOT results of Search #4

Number of Items Retrieved: 268

SEARCH #6 (INDICATOR – DEPRESSION)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial ischemia OR (ischem* AND (myocardial OR heart)) OR coronary disease*
AND
depressi*[ti] OR depressive disorder
NOT
st segment depression
NOT
case report*
NOT results of Searches #4 or #5

Number of Items Retrieved: 155

SEARCH #7 (INDICATOR – HORMONE REPLACEMENT THERAPY)

Database Searched & Time Period Covered: PUBMED – 1997-2005

Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial ischemia OR (ischem* AND (myocardial OR heart)) OR coronary disease*
AND
hormone replacement therapy OR hormone*[ti] OR estrogen OR progesterone
AND
risk* OR adverse effects[sh] OR adverse* OR mortality OR survival OR morbidity
NOT

case report*
Number of Items Retrieved: 382

SEARCH #8 (INDICATOR – ACE INHIBITORS)

Database Searched & Time Period Covered: PUBMED – 1997-2005
Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial ischemia OR (ischem* AND (myocardial OR heart)) OR coronary disease*
AND
angiotensin converting enzyme inhibitor*[ti] OR angiotensin converting enzyme inhibitor*[mh] OR ace inhibitor*[ti]
NOT
case report*
NOT results of Search #7
Number of Items Retrieved: 501

SEARCH #9 (INDICATOR – INFLUENZA VACCINE)

Database Searched & Time Period Covered: PUBMED – 1997-2005
Search Strategy: aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail
AND
myocardial ischemia OR (ischem* AND (myocardial OR heart)) OR coronary disease*
AND
influenza vaccin* OR flu vaccin* OR ((influenza OR flu) AND innoculat*)
NOT
case report*
Number of Items Retrieved: 10

Search #10

Databases: Google
Time period covered: 1998-2005
Search strategy: ischemic heart disease, myocardial infarction, coronary artery disease, coronary heart disease, atherosclerosis, arteriosclerosis, heart attack, angina, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 46

Medication Use

Search #1

Databases: MEDLINE
Time period covered: January 1999 to October 2005
Search strategy: (medications OR prescription drugs OR pharmaceutical preparations) AND indication
Number of articles identified: 782

Search #2

Databases: MEDLINE
Time period covered: January 1999 to October 2005

Search strategy: (aged OR elderly) AND (compliance OR adherence) AND patient education

Number of articles identified: 734

Search #3

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (pharmaceutical preparation OR medication OR prescription drug) AND list AND drug interaction

Number of articles identified: 31

Search #4

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (pharmaceutical preparation OR medication OR prescription drug) AND (aged OR elderly) AND adverse effect AND monitoring

Number of articles identified: 111

Search #5

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (“Drug Utilization Review”) AND (elderly OR aged)

Number of articles identified: 427

Search #6

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (warfarin OR coumadin) AND (monitor OR drug monitoring) AND (elderly OR aged)

Number of articles identified: 96

Search #7

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (angiotensin-converting enzyme inhibitor OR ACE) AND (kidney failure OR renal failure) and monitoring

Number of articles identified: 39

Search #8

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: diuretics AND (electrolytes OR hypokalemia) AND monitoring

Number of articles identified: 31

Search #9

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: inappropriate prescribing AND (aged OR elderly);

Number of articles identified: 172

Search #10

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: propoxyphene AND (elderly OR aged) AND (adverse effects OR safety OR fracture)

Number of articles identified: 37

Search #11

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (elderly OR Aged) AND benzodiazepine AND (hip fracture or falls OR adverse effects)

Number of articles identified: 246

Search #12

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (sulfonylurea compounds OR sulfonylureas OR chlorpropamide) AND hypoglycemia AND (elderly OR aged)

Number of articles identified: 152

Search #13

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (aged or elderly) AND (anticholinergic or cholinergic antagonists or anticholinergic effects) AND (adverse effects)

Number of articles identified: 412

Search #14

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (tolterodine) AND (aged OR elderly)

Number of articles identified: 104

Search #15

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: (antihistamines or anti-histamines) AND (cognitive impairment or delirium or dementia or confusion) AND (aged OR elderly)

Number of articles identified: 39

Search #16

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: barbiturates AND (aged OR elderly) AND adverse effects

Number of articles identified: 159

Search #17

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy: meperidine AND (aged OR elderly)

Number of articles identified: 251

Search #18

Databases: MEDLINE

Time period covered: January 1980 to October 2005

Search strategy: (out-of-pocket cost OR co-payment OR co-pay OR three-tier) AND (adherence OR utilization) AND (medication OR drug)

Number of articles identified: 111

Search #19

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategy:

- a. (cyclobenzaprine OR Flexeril) AND (aged OR elderly); also with adverse effects
- b. (chlorzoxazone OR Paraflex) AND (adverse effects); also with aged OR elderly
- c. (metaxolone OR Skelaxin) AND (aged OR elderly); also with adverse effects
- d. (methocarbamol OR Robaxin) AND (aged OR elderly); also with adverse effects
- e. (carisprodol) AND (aged OR elderly); also with adverse effects
- f. (muscle relaxants) AND (aged OR elderly) AND (adverse effects)

Number of articles identified: 721

Search #20

Databases: MEDLINE

Time period covered: January 1966 to October 2005

Search strategies: (ticlopidine OR Ticlid) AND (aged OR elderly) AND adverse effects

Number of articles identified: 616

Search # 21

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategies:

- a) (gastrointestinal antispasmodics) AND (aged OR elderly) AND (adverse effects)
- b) (dicyclomine OR hyoscyamine OR propantheline) AND (aged OR elderly) AND adverse effects
- c) belladonna alkaloids AND (aged OR elderly)

Number of articles identified: 1196

Search #22

Databases: MEDLINE

Time period covered: January 1999 to October 2005

Search strategies:

- a) (elderly OR aged) AND anticholinergic AND (adverse events OR side effects) AND (dicyclomine OR atropine OR hyoscyamine OR scopolamine OR propantheline)
- b) (aged OR elderly) AND (amitriptyline OR desipramine OR clomipramine OR imipramine OR nortriptyline) AND anticholinergic AND (adverse events OR side effects)

Number of articles identified: 120

Search #23

Databases: MEDLINE

Time period covered: January 1966 to October 2005

Search strategy: (Toradol OR ketorolac) AND (aged OR elderly) AND adverse effects

Number of articles identified: 269

Search #24

Databases: MEDLINE

Time period covered: January 1966 to October 2005

Search strategy: (iron OR Fe) and (aged OR elderly) AND dose

Number of articles identified: 1000

Search #25

Databases: MEDLINE

Time period covered: 1966 – October 2005

Search strategy: (aged OR elderly) AND (antipsychotic OR antipsychotic agents) AND adverse effect

Number of articles identified: 1139

Search #26

Databases: MEDLINE

Time period covered: 1966 – October 2005

Search strategy: (aged OR elderly OR nursing home OR home nursing) AND (antipsychotic OR antipsychotic agents) AND (psychomotor agitation OR agitation)

Number of articles identified: 634

Search #27

Databases: MEDLINE

Time period covered: 1966 – October 2005

Search strategy: (elderly OR aged) AND (behavioral therapy OR behavior management techniques OR behavioral modification) AND agitation

Number of articles identified: 54

Search #28

Database used: MEDLINE

Time period covered: 1966 - present

Search strategy: patient AND (education OR decision aid OR intervention) AND (coumadin OR coumarin OR warfarin) AND (diet OR bleeding OR drug interaction OR adverse events OR side effects)

Number of articles identified: 204 (additional articles identified from the references)

Osteoarthritis

Guidelines Reviewed for ACOVE-3

- 1 Screening for obesity in adults: recommendations and rationale. *Ann Intern Med* 2003;139(11):930-2.
- 2 Hochberg M, Altman R, Brandt K, et al. Guidelines for the medical management of osteoarthritis: Part I. Osteoarthritis of the hip. *Arthritis and Rheumatism* 1995;38(11):1535-1540.
- 3 Hochberg M, Altman R, Brandt K, et al. Guidelines for the medical management of osteoarthritis: Part II. Osteoarthritis of the knee. *Arthritis and Rheumatism* 1995;38(11):1541-1546.

- 4 American College of Rheumatology Ad Hoc Committee on Clinical Guidelines. Guidelines for the initial evaluation of the adult patient with acute musculoskeletal symptoms. *Arthritis and Rheumatism* 1996;39(1):1-8.
- 5 Lukert B, Raisz L. Glucocorticoid-induced osteoporosis: pathogenesis and management. *Annals of Internal Medicine* 1990;112:352.
- 6 li S, Okamoto H, Yokoyama K, et al. Comparative pharmacokinetic study of dexamethasone palmitate and dexamethasone disodium phosphate in chronic rheumatoid arthritis patients. *Japanese Pharmacology & Therapeutics* 1988;16(2):551-7.
- 7 Runge LA, Pinals RS, Lourie SH, et al. Treatment of rheumatoid arthritis with levamisole. A controlled trial. *Arthritis Rheum* 1977;20(8):1445-1448.
- 8 Saito J DJWRRP. Users of low dose glucocorticoids have increased bone loss rate: a longitudinal study. *Calcif Tissue Int* 1995;57:115.
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- 10 Dahl SL, Coleman ML, Williams HJ, et al. Lack of correlation between blood gold concentrations and clinical response in patients with definite or classic rheumatoid arthritis receiving auranofin or gold sodium thiomalate. *Arthritis Rheum* 1985;28(11):1211-1218.
- 11 American Geriatrics Society Panel on Exercise and Osteoarthritis. Exercise prescription for older adults with osteoarthritis pain: consensus practice recommendations. *JAGS* 2001;49(6):808-23.
- 12 American College of Rheumatology Subcommittee on Osteoarthritis. Recommendations for the medical management of osteoarthritis of the hip and knee. *Arthritis & Rheum* 2000;43(9):1905-1915.
- 13 Coletta EM, Lally EV. Osteoarthritis. *American Board of Family Practice Reference guide - 8th edition* 2002.
- 14 American Academy of Orthopaedic Surgeons . Universe of Adult patients with Osteoarthritis of the Knee - Phase I. 2003.
- 15 Medical Management of Adults with Osteoarthritis.: Michigan Quality Improvement Consortium. 2003.
- 16 EBM Guideline editors. Treatment of osteoarthritis. *EBM Guidelines* 2004;
- 17 Eccles M, Freemantle N, Mason J. North of England evidence based guideline development project: summary guideline for non-steroidal anti-inflammatory drugs versus basic analgesia in treating the pain of degenerative arthritis. The North of England Non-Steroidal Anti-Inflammatory Drug Guideline Development Group. *BMJ* 1998;317(7157):526-30.

- 18 American Pain Society (APS). Guideline to the management of pain in osteoarthritis, rheumatoid arthritis, and juvenile chronic arthritis. 2002.
- 19 EBM Guideline editors. Treatment of osteoarthritis. EBM Guidelines 2004.
- 20 NIH Consensus Statement on total knee replacement December 8-10, 2003. J Bone Joint Surg Am 2004;86-A(6):1328-35.
- 21 Zhang W, Doherty M, Arden N *et al*. EULAR evidence based recommendations for the management of hip osteoarthritis: report of a task force of the EULAR Standing Committee for International Clinical Studies Including Therapeutics (ESCIIT). Ann Rheum Dis 2005; 64(5):669-81.

Guidelines Reviewed for AFQIP

Osteoarthritis Guideline Reference List

- 1 Altman, R. D. Recommendations for Medical Management of hip and knee osteoarthritis. Arthritis and Rheumatism 2000;43(9):1905-15. www.rheumatologyweb.com
- 2 Guidelines for the initial evaluation of adult patients with acute musculoskeletal symptoms. Arthritis and Rheumatism 1996;39(1):1-8. www.mednet.com/srheum.htm.
- 3 Hochberg MC, Altman RD Brandt KD *et al*. Guidelines for the medical management of osteoarthritis. Part II. Osteoarthritis of the knee. Arthritis and Rheumatism 1995;38(11):1541-46. www.rheumatology.org
- 4 Hochberg MC, Altman RD Brandt KD *et al*. Guidelines for the medical management of osteoarthritis. Part I . Osteoarthritis of the hip. Arthritis and Rheumatism 1995;38(11):1535-40. www.rheumatology.org.
- 5 Altman RD. Practice guidelines in the management of osteoarthritis. Osteoarthritis and Cartilage. Osteoarthritis and Cartilage 1998;6(suppl A):22-24.
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- 10 MacLean C. Assessing the Care of Vulnerable Elders (ACOVE). Potential Quality Indicators and Literature Review: Osteoarthritis.

- 11 Guidelines and a proposed audit protocol for the initial management of an acute hot joint. Report of a Joint Working Group of the British Society for Rheumatology and the Research Unit of the Royal College of Physicians. *Journal of the Royal College of Physicians of London* 1992;26(1):83-85.
- 12 Keitel W, Genth E Gromnica-Ihle E Hanzschel H et al. Guidelines for the management of joint swelling by primary care physicians. *Z Rheumatol* 2000;59:151-161.
- 13 Management of OA/RA (in conjunction with the RCP Rheumatology Committee and Department of Health). *Rheumatology*. 1998;www.rheumatology.org.uk.
- 14 Vignon E, Conrozier T Piperno et al. Radiographic assessment of hip and knee osteoarthritis. Recommendations: recommended guidelines. *Osteoarthritis and Cartilage* 1999;7(4):434-436.
- 15 Kotsantos JG. Development of Performance Measures for Seven Chronic Diseases. *Journal* 1997;23(3):160-161.
- 16 Osteoarthritis. American Board of Family Practice. Reference Guide, 6th Edition 1998;
- 17 Managing Osteoarthritis, Diagnosis and Principles of Care. American Medical Association 1998;
- 18 Non-Narcotic Analgesics: Renal and GI Considerations. NIH continuing Medical Education. *Clinician* 1998;16(4):3-22.
- 19 Total Hip Replacement. NIH consensus Statement 1994;12(5):1-31. www.ahcpr.gov/ osteoarthritis
- 20 Diagnosis, investigation and management of osteoarthritis of hip and knee. Joint British Society of Rheumatology Working Group Report. London. www.rheumatology.org.uk
- 21 Getting it right Standards of care: toward meeting people's needs. Report by British League Against Rheumatism (in conjunction with arthritis care). www.rheumatology.org.uk
- 22 Musculoskeletal Disorders - Part 3. www.rheumatology.org.uk.
- 23 Guidelines for the diagnosis, investigation, and management of OA of the hip and knee. Report of the joint working group of the British Society for Rheumatology and the Research unit of the Royal College of Physicians. *Journal of the Royal Physicians* 1993;27(391-396. www.rheumatology.org.uk.
- 24 Clinical Guidelines on Knee/Hip/Wrist pain. American Academy of Orthopaedic Surgeons/ American Association of Neurological Surgeons/ American College of Rheumatology/ American College of Physical Medicine and Rehabilitation 1999;www.mednets.com/srheum.htm.
- 25 Clinical guidelines on low back pain. American Academy of Orthopaedic Surgeons/ North American Spine Society 1996;21 pages.
- 26 Pendelton A. EULAR recommendations for the management of knee OA: report of task force (ESCSIT). *Ann Rheum Dis* 2000;59(936-44. www.annrheumdis.com.
- 27 Clinical Guidelines. *Ann Rheum Dis* 1998;57(444. www.annrheumdis.com.

- 28 Pal B, et al. Medical management of lower limb osteoarthritis: practice guidelines from the UK and USA compared. *Clinical Experimental Rheum* 1996;14(6):585-6.
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- 31 NIH Consensus Development Program. Current Indications for Total Hip Replacement? Consensus Development Conference Reports. Consensus Conference Statements 90-94;
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- 33 Total hip replacement. Office of Medical Applications of Research/National Institute of Arthritis and Musculoskeletal and Skin Disease. 1994;32 pages.
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- 40 Ellrodt AG, Cho M, Cush JJ, Kavanaugh AF. An evidence-based medicine approach to the diagnosis and management of musculoskeletal complaints. *American Journal of Medicine*. 1997, 103(6A):3S-6S.
- 41 Algorithms for the diagnosis and management of musculoskeletal complaints. *American Journal of Medicine*. 1997, 103(6A):49S-80S.
- 42 Lipsky PE. Algorithms for the diagnosis and management of musculoskeletal complaints –Introduction. *American Journal of Medicine*. 1997, 103: 1-2 Suppl. 6A.

Obesity Guideline Reference List

- 1 American Association of Clinical Endocrinologists. Obesity. 1998;35. www.mednets.com/srheum.htm.
- 2 Canadian Task Force on Periodic Health Examination. Physical activity counselling. Health Canada 1994;560-9. www.mednets.com/srheum.htm.

- 3 Counselling to promote physical activity. 2nd Baltimore MD:Williams and Wilkins, 1996.
www.mednets.com/srheum.htm.
- 4 Executive summary of the clinical guidelines on the identification, evaluation, and treatment of overweight and obesity in adults. Arch Int Med 1998;158(17):1855-1867.
www.ama-asn.org.
- 5 Screening for obesity, 2nd Baltimore, MD:Williams and Wilkins, 1996.

Search Strategies

Search "Obesity"[MeSH] OR "Body Mass Index"[MeSH] AND("Osteoarthritis"[MeSH] OR "Osteoarthritis, Knee"[MeSH] OR "Osteoarthritis, Hip"[MeSH]) Limits: Publication Date from 2002/01/01 to 2005/12/31, English, Humans

Identified: 110

Search "osteoarthritis prevention" Field: All Fields, Limits: Publication Date from 2002/01/01 to 2005/12/31, English, Humans

Identified: 321

Search "Weight Loss"[MeSH] AND "Osteoarthritis"[MeSH] Field: All Fields, Limits: Publication Date from 2002/01/01 to 2006/01/01, English, Humans

Identified: 22

Search osteoarthritis Limits: Publication Date from 2002/01/01 to 2006/01/01, English, Meta-Analysis, Humans

Identified: 52

Search "Osteoarthritis"[MeSH] AND "Canes"[MeSH] Field: All Fields, Limits: Publication Date from 2002/01/01 to 2006/01/01, Humans

Identified: 2

"Osteoarthritis"[MeSH] AND "Canes"[MeSH] Field: All Fields, Limits: Publication Date from 2002/01/01 to 2006/01/01, Humans

Identified: 16

Search "Orthopedic Equipment"[MeSH] AND "Osteoarthritis"[MeSH] Field: All Fields, Limits: Publication Date from 2002/01/01 to 2006/01/01, Humans

Identified: 183

Osteoporosis

Guidelines and Quality Indicators Identified via Web Search

- 1 Cheung, A. M.; Feig, D. S.; Kapral, M.; Diaz-Granados, N., and Dodin, S. Prevention of osteoporosis and osteoporotic fractures in postmenopausal women: recommendation statement from the Canadian Task Force on Preventive Health Care. CMAJ. 2004 May 25; 170(11):1665-7.

- 2 American College of Radiology. Osteoporosis and bone mineral density. ACR Appropriateness Criteria?
- 3 Dwyer, J. Osteoporosis nutrition management for older adults. AAFP, NSI and ADA. 2002.
- 4 U.S. Preventive Services Task Force. Screening for osteoporosis in postmenopausal women . AHRQ USPSTF Recommendations. 2002:211-218.
- 5 Scottish Intercollegiate Guidelines Network (SIGN). Management of osteoporosis. A national clinical guideline. National Guideline Clearinghouse. 2003 Jun.
- 6 Scottish Intercollegiate Guidelines Network (SIGN) Executive. Management of osteoporosis quick reference guide. 2003.
- 7 Michigan Quality Improvement Consortium. Management of osteoporosis. Michigan Quality Improvement Consortium Guideline. 2003.
- 8 LeBoff, M. S. ; Bermas, B.; Ginsburg, E.; Gharib, S.; Fairchild, D. G.; Johnson, P. A., and Solomon, C. G. Osteoporosis guide to prevention, diagnosis, and treatment. Brigham and Women's Hospital Osteoporosis Guidelines. 2002.
- 9 American Association of Clinical Endocrinologists (AACE) Osteoporosis Task Force. American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for the Prevention and Treatment of Postmenopausal Osteoporosis: 2001 Edition, with selected updates for 2003. Endocrine Practice. 2003 Nov-2003 Dec 31; 9(6):544-564.
- 10 McCort, J.; Harrison, V.; Lash, R.; Smith, Y., and Velez, L. Osteoporosis: prevention and treatment. University of Michigan Health System Osteoporosis Guideline. 2002 Mar.
- 11 American Gastroenterological Association (AGA). American Gastroenterological Association Medical Position Statement: Guidelines on Osteoporosis in Gastrointestinal Diseases. Gastroenterology. 2003; 124:791-794.
- 12 NIH Consensus Statement. Osteoporosis prevention, diagnosis, and therapy. National Institutes of Health. 2000 Mar; 17(1).
- 13 Ministry of Health, NMRC and Osteoporosis Society of Singapore. Osteoporosis. MOH Clinical Practice Guidelines. 2002 Mar.
- 14 American College of Rheumatology Ad Hoc Committee on Glucocorticoid-Induced Osteoporosis. Recommendations for the prevention and treatment of glucocorticoid-induced osteoporosis. Arthritis & Rheum. 2001 Jul; 44(7):1496-1503.
- 15 American Gastroenterological Association (AGA). American Gastroenterological Association Medical Position Statement: Osteoporosis in Hepatic Disorders. Gastroenterology. 2003; 125:937-940.
- 16 EBM Guideline editors. Osteoporosis: diagnostics and pharmacotherapy. EBM Guidelines. 2004.
- 17 American Medical Directors Association (AMDA) . Osteoporosis. Clinical Practice Guideline. 2003.

- 18 National Osteoporosis Foundation. Health professional's guide to rehabilitation of the patient with osteoporosis. Washington, DC.; 2003.
- 19 Physician's guide to prevention and treatment of osteoporosis. 2003.
- 20 Management of postmenopausal osteoporosis: position statement of the North American Menopause Society. Menopause. 2002 Mar-2002 Apr 30; 9(2):84-101.
- 21 National Committee for Quality Assurance . Osteoporosis management in women who had a fracture. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance ; 2004.

SEARCH STRATEGIES

SEARCH #1

(Performed 2/16/05)

Database(s) Searched And Time Period Covered: Cochrane Library – 1997- 2005

Search Strategy: osteoporosis [keyword] OR fractur* [keyword]

Number of Items Retrieved: 2045

SEARCH #2

(Performed 2/16/05)

Database(s) Searched And Time Period Covered: Cochrane Library – 1997- 2005

Search Strategy: osteoporosis [search all text] OR fractur* [search all text]

Number of Items Retrieved: 3491

SEARCH #3

(Performed 2/16/05)

Database(s) Searched And Time Period Covered: Cochrane Library – 1997- 2005

Search Strategy: forteo or teriparatide or parathyroid hormone or PTH

Number of Items Retrieved: 508

Osteoporosis/Fractures Search Methodology

Indicators 1-23 received 4/24/2005

All below were searched in PUBMED

Indicator #1

Search Performed May 11, 2005

1997-2005

AND

English

AND

female* or women or woman

AND

osteoporosis or fractur*

AND

counsel* OR instruct* OR direct* OR delivery of healthcare OR consult* OR patient

education OR educat* OR Motivation OR health knowledge, attitude, practice OR

influenc*

AND
alcoholism OR alcohol abuse OR alcohol drinking OR alcohol* [ti] OR calcium OR
vitamin D OR exercise*
Total: 392 (This is the total with duplicates removed in Procite)

Indicator #2

Search Performed May 11, 2005
1997-2005
AND
English
AND
female* or women or woman
AND
Osteoporosis or fractur*
AND
counsel* OR instruct* OR direct* OR delivery of healthcare OR consult* OR Patient
Education OR educat* OR Motivation OR Health Knowledge, attitude, practice OR
influenc*
AND
Smoking or smoking cessation or tobacco
Total: 53 (This is the total with duplicates removed in Procite)

Indicator #3

Search Performed May 11, 2005
1997-2005
AND
English
AND
female
AND
Osteoporosis OR ((hip OR hips) AND fractur*)
AND
ethnicity OR ethnology OR cultural OR ethnic*[ti] OR race OR racial OR minority OR
minorities OR weight OR obesity OR body weight OR weight loss OR smoking OR
tobacco OR menopaus* OR premenopaus* OR perimenopaus* OR postmenopaus* OR
post menopaus* OR peri menopaus* OR alcoholism OR alcohol drinking OR
alcoholi*[ti] OR alcohol abuse OR family history OR medical history taking OR
history[ti] OR lifestyle OR life style OR inactiv* OR sedentary OR exercise OR lifestyle
OR life style OR inactiv* OR sedentary OR exercise OR gastrectomy OR endocrine
system diseases OR thyroid OR parathyroid OR adrenal OR steroid OR steroids OR
calcium OR aromatase inhibitor*
AND
risk* OR risk factor*
NOT
case report
Total: 1655 (This is the total with duplicates removed in Procite)

Indicator #4

Search Performed May 24, 2005

English

AND

Human

AND

1997-2005

AND

Aged 65+

AND

Osteoporosis (result 5064)

AND

Height OR Body Height or "loss of height" or height loss or "height loss" (result 3674)

Total: 202 (This is the total with duplicates removed in Procite)

Indicator #5 and #10

Search Performed May 24, 2005

English

AND

Human

AND

1997-2005

AND

Aged 65+

AND

DXA OR Dxa OR Densitometry OR absorptiometry (result 2931)

AND

Osteoporosis OR osteoporotic OR osteopenia or fractur*

Total: 1032 (This is the total with duplicates removed in Procite)

Indicator #6

Search Performed May 24, 2005

English

AND

Human

AND

Female

AND

1997-2005

AND

Aged 45+

AND

DXA or dxa or densitometry OR absorptiometry (Results 4396)

AND

ethnicity OR ethnology OR cultural OR ethnic*[ti] OR race OR racial OR minority OR minorities OR weight OR obesity OR body weight OR weight loss OR smoking OR tobacco OR menopaus* OR premenopaus* OR perimenopaus* OR postmenopaus* OR post menopaus* OR peri menopaus* OR alcoholism OR alcohol drinking OR alcoholi*[ti] OR alcohol abuse OR family history OR medical history taking OR history[ti] OR lifestyle OR life style OR inactiv* OR sedentary OR exercise OR

gastrectomy OR endocrine system diseases OR thyroid OR parathyroid OR adrenal OR steroid OR steroids OR calcium OR aromatase inhibitor*
AND
(osteoporosis OR ((hip OR hips) AND fractur*))
Total: 463 (This is the total with duplicates removed in Procite)

Indicators #7 and #9

Search Performed May 24, 2005
English
AND
Human
AND
1997-2005
AND
Aged 45+
AND
DXA or dxa or densitometry or absorptiometry (Results 4396)
AND
fractur*
Total: 79 (This is the total with duplicates removed in Procite)

Indicator #8

Search Performed June 1, 2005
English
AND
Human
AND
Male
AND
1997-2005
AND
DXA OR dxa OR densitometry OR absorptiometry
AND
((family history OR medical history taking OR history[ti]) AND osteopor*) OR glucocorticoid* OR hyperparathyroid* OR hypogonadism OR ((gonadotropin releasing hormone OR gn-rh OR gnrh) AND antagonist*) OR osteopenia
AND
osteoporosis OR osteopenia
Total: 374 (This is the total with duplicates removed in Procite)

Indicator #11

Search Performed October 6, 2005
English
AND
Human
AND
Male
AND
All Adult: 19+ years
AND

(Fractur* and aged 45+) OR (2.5 AND (DXA OR dxa OR densitometry OR absorptiometry OR t score)) OR osteoporosis
AND
Hyperthyroidism OR hypothyroidism OR alcoholism OR Urinalysis OR hormones OR calcium OR vitamin d OR OR (parathyroid hormone OR PTH OR parathormone OR parathyrin) OR administration of medication or ((medication or medicine) AND (use OR usage OR uses OR abuse OR history)) OR medical history taking OR self medication OR Diagnostic Tests

Total: 263 (This is the total with duplicates removed in Procite)

Indicator #12

Search Performed October 6, 2005

English
AND
Human
AND
Female
AND
Middle Aged + Aged: 45+ years
AND
Physical examination OR administration of medication or ((medication or medicine) AND (use OR usage OR uses OR abuse OR history)) OR medical history taking OR self medication OR alcoholism OR blood cell count OR calcium OR vitamin d OR hormone OR (replacement therapy AND thyroid) OR TSH OR thyrotropin OR Diagnostic tests
AND
osteoporosis OR (bone (loss* OR dens*))

Total: 1556 (This is the total with duplicates removed in Procite)

Indicator #13

Search Performed June 1, 2005

English
AND
Human
AND
Aged 65+
AND
1997-2005
AND
calcium OR vitamin d
AND
fractur* OR osteoporosis OR (bone (loss* OR dens*))

Total: 827 (This is the total with duplicates removed in Procite)

Indicator #14

Search Performed June 1, 2005

English
AND
Human
AND
1997-2005
AND

calcium OR vitamin d
AND
adrenal cortex hormones or corticosteroid*
AND
fractur* OR osteoporosis OR osteopenia or (bone AND (loss* OR dens*))
Total: 134 (This is the total with duplicates removed in Procite)

Indicator #15

Search Performed June 15, 2005
English
AND
Human
AND
1997-2005
AND
Corticosteroids
AND
Bisphosphonate* OR diphosphonate* OR alendronate* OR etidronic acid OR clodronic acid OR calcitonin
AND
fractur* OR osteoporosis OR osteopenia or (bone AND (loss* OR dens*))
Total: 60 (This is the total with duplicates removed in Procite)

Indicator #16

Search Performed June 16, 2005
English
AND
Human
AND
Female
AND
1997-2005
AND
postmenopaus* OR post menopaus* OR menopaus*
AND
estrogen replacement therapy OR estrogen replacement
AND
osteoporosis OR fractur* OR bone*
Total: 1035 (This is the total with duplicates removed in Procite)

Indicator #17

Search Performed July 5, 2005
English
AND
Human
AND
1997-2005
AND
calcium OR vitamin d
AND
Osteoporosis

Total: 1215 (This is the total with duplicates removed in Procite)

Indicator #18

Search Performed July 7, 2005 by Judy Lesso x4622

English

AND

Human

AND

1997-2005

AND

(Fractur* limit to aged 45+) OR (2.5 AND (DXA OR dxa OR densitometry OR absorptiometry OR t score)) OR osteoporosis

AND

Physical Therapy techniques OR physical therapy OR exercise movement techniques OR exercis*

Total: 746 (This is the total with duplicates removed in Procite)

Indicator #19

Search Performed July 5, 2005 by Judy Lesso x4622

English

AND

Human

AND

1997-2005

AND

(Fractur* limit to aged 45+) OR (2.5 AND (DXA OR dxa OR densitometry OR absorptiometry OR t score)) OR osteoporosis

AND

postmenopaus* OR post menopaus* OR menopaus*

AND

bisphosphonate* OR diphosphonate* OR alendronate* OR etidronic acid OR clodronic acid OR raloxifene OR calcitonin

OR estrogen replacement therapy OR hormone replacement therapy OR ((estrogen OR hormone) AND replace*) OR ERT OR HRT OR (parathyroid hormone OR PTH OR parathormone OR parathyrin)

Total: 595 (This is the total with duplicates removed in Procite)

Indicator #20

Search Performed December 9, 2005

English

AND

human

AND

1997-2005

AND

(fractur* AND (hip OR hips)) OR ((kyphosis OR kyphoses) and surgery) OR kyphoplasty

AND

(DXA OR dxa OR densitometry OR absorptiometry OR t score) OR (osteoporosis OR osteopenia or (bone AND (loss* OR dens*)) AND (therap* or treat*))

Total: 284 (This is the total with duplicates removed in Procite)

Indicator #21

Search Performed July 6, 2005

English
AND
Human
AND
Male
AND
1997-2005
AND
(Fractur* limit to aged 45+) OR (DXA OR dxa OR densitometry OR densitometry, x-ray
OR absorptiometry) OR osteoporosis
AND
Eunuchism OR Kallmann Syndrome OR Klinefelter Syndrome OR hypogonad*
AND
Testosterone OR (testosterone and (therap* OR treatment* or supplement*))
Total: 51 (This is the total with duplicates removed in Procite)

Indicator #22

Search Performed July 8, 2005

English
AND
Human
AND
Male
AND
1997-2005
AND
(Fractur*) OR (2.5 AND (BMD OR bone mineral density OR bone density OR DXA OR
dxa OR densitometry OR absorptiometry OR t score)) OR osteoporosis
AND
Bisphosphonate* OR diphosphonate* OR alendronate* OR etidronic acid OR clodronic
acid OR calcitonin OR hormone replacement therapy OR (hormone AND replace*) OR
HRT OR (parathyroid hormone OR PTH OR parathormone OR parathyrin)
Total: 406 (This is the total with duplicates removed in Procite)

Indicator #23

Search Performed September 29, 2005 by Judy Lesso x4622

English
AND
1997-2005
AND
Human
AND
Aged 65+
AND
Fractur*
AND
hip OR hips
AND

fractures or fractur*
AND
surgery OR surgical OR surgeries
Total: 1210 (This is the total with duplicates removed in Procite)

Search #24

Databases: Google

Time period covered: 1998-2005

Search strategy 1(terms): Osteoporosis, bone density, bone mineral density, osteoporotic fractures clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 21

Pain Management

Guidelines and Quality Indicators Identified via Web Search

- 1 Definitions related to the use of opioids for the treatment of pain. *WMJ*. 2001; 100(5):28-9.
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- 20 Fast facts and concepts #85: epidural analgesia; 2003 Apr(End-of-Life Physician Education Resource Center www.eperc.mcw.edu).
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Search Strategies

Search #1

Databases: Cochrane Database Of Reviews Of Effects (DARE)

Time period covered: 1997-2005

Search strategy: pain OR painful (in all fields) AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* (in all fields)

Number of items retrieved: 240

SEARCH #2

Databases: Cochrane Reviews

Time period covered: 1997-2005

Search strategy: pain OR painful (in keywords) AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* (in all fields)

Number of items retrieved: 86

SEARCH #3

Databases: Cochrane Central

Time period covered: 1997-2005

Search strategy: pain OR painful (in keywords) AND aged OR elder* OR old* OR aging OR geriatric* OR gerontolog* (in title)

Number of items retrieved: 109

SEARCH #4

Databases and time period covered: Cochrane Collaborative Review Groups - Pain, Palliative Care and Supportive Care Group. New in the Cochrane Library Issue 1, 2005

Search strategy: NONE – downloaded list of 30 reviews & protocols

Number of items retrieved: 109

SEARCH #5

Databases: Medline via OVID

Time period covered: 1997-2005

Search strategy: [NOTE – “mp” is used in OVID to limit to the following fields - title, original title, abstract, name of substance word, subject heading word] pain.sh. or pain.ti. or painful.mp. AND (aged or elder\$ or old\$ or aging or geriatric\$ or gerontolog\$).mp. AND (screen\$ or assess\$ or scale\$ or evaluat\$ or plan or plans).ti,hw. AND chronic.mp.

Number of items retrieved: 587

SEARCH #6

Databases: Medline via OVID

Time period covered: 1997-2005

Search strategy: pain manag\$.mp. or pain/pc, px [Prevention & Control, Psychology] AND (aged or elder\$ or old\$ or aging or geriatric\$ or gerontolog\$).mp. NOT case report\$.mp. or (surgery or surgical or postoperative or post-operative).mp. NOT Results of previous search

Number of items retrieved: 1922

SEARCH #7 [NOTE – THIS IS A VARIANT OF SEARCH #5]

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND screen* OR mass screening OR assess* OR scale* OR evaluat* OR plan*[ti] AND chronic NOT case report* OR case report[pt]

Number of items retrieved: 1462

SEARCH #8

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain manag* AND aged[mh] OR elder* OR old* OR aging OR geriatric*
OR gerontolog* OR vulnerable OR frail NOT case report*

Number of items retrieved: 877

SEARCH #9

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND prevent* OR psycholog* NOT Case report* OR surgery OR surgical OR postoperative OR post-operative NOT results of Searches #7 or #8

Number of items retrieved: 1945

SEARCH #10

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND narcotics[mh] OR opioid* AND chronic OR neoplasm* OR cancer NOT case report* OR surgery[ti] OR postsurgery[ti] OR post surgery[ti] OR postsurgical[ti] OR post surgical[ti] OR postoperative[ti] OR post operative[ti]

Number of items retrieved: 852

SEARCH #11

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND nonopioid* OR non opioid*

Number of items retrieved: 54

SEARCH #12

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND patient education OR educat*[ti] OR communicat* AND chronic OR cancer OR neoplasm* NOT case report* OR surgery[ti] OR postsurgery[ti] OR post surgery[ti] OR postsurgical[ti] OR post surgical[ti] OR postoperative[ti] OR post operative[ti]

Number of items retrieved: 137

SEARCH #13

Databases: PubMed

Time period covered: 1997-2005

Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder* OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND nsaid* OR anti-inflammatory agents, non-steroidal OR non-steroidal anti-inflammatory agents OR nonsteroidal anti-inflammatory agents OR nonsteroidal antiinflammatory agents AND ulcer* OR renal OR kidney* OR gastrointestinal OR stomach OR intestin* OR toxic*

NOT case report* OR surgery[ti] OR postsurgery[ti] OR post surgery[ti] OR postsurgical[ti] OR post surgical[ti] OR postoperative[ti] OR post operative[ti]
Number of items retrieved: 121

SEARCH #14

Databases: PubMed
Time period covered: 1997-2005
Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND herpes zoster OR zoster* NOT case report*
Number of items retrieved: 154

SEARCH #15

Databases: PubMed
Time period covered: 1997-2005
Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND neuropath* NOT case report*
Number of items retrieved: 461

SEARCH #16

Databases: PubMed
Time period covered: 1997-2005
Search strategy: Meperidine AND adverse effects[sh] OR adverse effects OR adverse[ti]
Number of items retrieved: 275

SEARCH #17

Databases: PubMed
Time period covered: 1997-2005
Search strategy: propoxyphene AND adverse effects[sh] OR adverse effects OR adverse[ti]*
NOT results of previous search
Number of items retrieved: 62

SEARCH #18

Databases: PubMed
Time period covered: 1997-2005
Search strategy: narcotics OR opioid AND constipat* NOT results of previous 2 searches*
Number of items retrieved: 201

SEARCH #19

Databases: PubMed
Time period covered: 1997-2005
Search strategy: pain[mh] OR pain[ti] OR painful AND aged[mh] OR aged[ti] OR elder OR old* OR aging OR geriatric* OR gerontolog* OR vulnerable OR frail AND (cognitive* AND impair*) OR dementia OR alzheimer* NOT Case report**
Number of items retrieved: 228

SEARCH #20

Databases: Google

Time period covered: 1998-2005

Search strategy: pain, pain management, chronic pain, cancer pain, palliative care, opioids, analgesics, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of items retrieved: 55

Pressure Ulcers

Guidelines and Quality Indicators Identified via Web Search

- 1 Abt Associates Inc. National nursing home quality measures. 2004.
- 2 American Medical Directors Association. Pressure Ulcers. Clinical Practice Guideline 1996.
- 3 American Medical Directors Association (AMDA). Pressure ulcer therapy companion. Clinical Practice Guideline 1999.
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- 5 Ayello EA. Preventing pressure ulcers and skin tears. Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc., 2003: 165-84.
- 6 EBM Guideline editors. Prevention and treatment of pressure sores. EBM Guidelines 2004.
- 7 Ferris F, von Gunten C. Fast Fact and Concept #040: Pressure ulcer management: prevention and staging. End-of-Life Physician Education Resource Center (EPEC) 2001.
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- 11 National Institute for Clinical Excellence. Pressure ulcer risk assessment and prevention. Inherited Clinical Guideline B 2001.
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- 14 Royal College of Nursing. Pressure ulcer risk assessment and prevention - recommendations 2001. Royal College of Nursing Clinical Practice Guidelines 2001.
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- 17 Wound Ostomy and Continence Nurses Society (WOCN). Guideline for prevention and management of pressure ulcers. 2003. (WOCN Clinical Practice Guideline Series.
- 18 Wound Ostomy and Continence Nurses (WOCN) Society Professional Practice Committee. Quick assessment of leg ulcers. WOCN Clinical Fact Sheet 2005.

Search Strategies

Search #1*

Database & Time Period Covered: PubMed – 2000-2005

Other Limiters: HUMAN

Search Strategy: pressure ulcer* OR decubitus ulcer

AND

geriatric assessment or health services for the aged or geriatric* or gerontol* or elderly or aged[mh] OR aged[ti] or aging

Number of Items Retrieved: 662

*A general search was done because of the large amount of duplication between indicator results.

Search #2

Databases: Google

Time period covered: 1998-2005

Search strategy: Pressure ulcers, pressure sores, skin tears, leg ulcers, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 18

Screening and Prevention

Guidelines and Quality Indicators Identified via Web Search

- 1 AACE medical guidelines for clinical practice for the diagnosis and treatment of dyslipidemia and prevention of atherogenesis. Endocr Pract 2000; 6(2):162-213.

- 2 Breast Disease: Guide to Prevention, Diagnosis and Treatment. Boston, MA: Brigham and Women's Hospital, 2001.
- 3 Guidelines for Clinical Care: Smoking Cessation. University of Michigan Health System, 2001.
- 4 Screening adults for lipid disorders: recommendations and rationale. Am J Prev Med 2001; 20(3 Suppl):73-6.
- 5 Screening for skin cancer: recommendations and rationale. Am J Prev Med 2001; 20(3 Suppl):44-6.
- 6 Cardiovascular Disease in Women: A Guide to Risk Factor Screening, Prevention and Management. Boston, MA: Brigham and Women's Hospital, 2002.
- 7 Aspirin for the primary prevention of cardiovascular events: recommendation and rationale. Ann Intern Med 2002; 136(2):157-60.
- 8 Osteoporosis: Prevention and Treatment. University of Michigan Health System, 2002.
- 9 Screening for hypertension in adults. University of Texas at Austin, School of Nursing, 2002.
- 10 Behavioral counseling in primary care to promote physical activity: recommendation and rationale. Ann Intern Med 2002; 137(3):205-7.
- 11 Screening for breast cancer: recommendations and rationale. Ann Intern Med 2002; 137(5 Part 1):344-6.
- 12 Screening for prostate cancer: recommendation and rationale. Ann Intern Med 2002; 137(11):915-6.
- 13 Clinical Performance Measures: Preventive Care and Screening. Physician Consortium for Performance Improvement, 2003.
- 14 Behavioral counseling in primary care to promote a healthy diet: recommendations and rationale. Am J Prev Med 2003; 24(1):93-100.
- 15 Screening and management of lipids. University of Michigan Health System, 2003.
- 16 Routine vitamin supplementation to prevent cancer and cardiovascular disease: recommendations and rationale. Ann Intern Med 2003; 139(1):51-5.
- 17 Diagnosis and Management of Substance Use Disorders. Southfield, MI: Michigan Quality Improvement Consortium, 2003.
- 18 Cervical Cancer: Screening Recommendations. Boston, MA: Brigham and Women's Hospital, 2004.
- 19 Domestic Violence: A Guide to Screening and Intervention. Boston, MA: Brigham and Women's Hospital, 2004.
- 20 Screening for type 2 diabetes. Diabetes Care 2004; 27 Suppl 1:S11-4.
- 21 Screening for thyroid disease: recommendation statement. Ann Intern Med 2004; 140(2):125-7.

- 22 Screening for family and intimate partner violence: recommendation statement. *Ann Intern Med* 2004; 140(5):382-6.
- 23 Screening and behavioral counseling interventions in primary care to reduce alcohol misuse: recommendation statement. *Ann Intern Med* 2004; 140(7):555-7.
- 24 Adult Preventive Health Care: Cancer Screening. University of Michigan Health System, 2004.
- 25 Adult Preventive Health Care: Immunizations. University of Michigan Health System, 2004.
- 26 Screening for ovarian cancer: recommendation statement. *Ann Fam Med* 2004; 2(3):260-2.
- 27 Lung cancer screening: recommendation statement. *Ann Intern Med* 2004; 140(9):738-9.
- 28 Colorectal cancer screening. Institute for Clinical Systems Improvement, 2004.
- 29 Summary of policy recommendations for periodic health examinations. Leawood, KS: American Academy of Family Physicians, 2004.
- 30 Preventive services. Institute for Clinical Systems Improvement, 2004.
- 31 Domestic Violence. Institute for Clinical Systems Improvement, 2004.
- 32 Screening for abdominal aortic aneurysm: recommendation statement. *Ann Intern Med* 2005; 142(3):198-202.
- 33 Abramson BL, Canadian Task Force on Preventive Health Care. Postmenopausal hormone replacement therapy for the primary prevention of cardiovascular and cerebrovascular disease. Systematic Review & Recommendations. CTFPHC Technical Report 2003; 03(02).
- 34 Agency of Healthcare Quality and Research (AHRQ). Snapshot definitions of NHQI quality measures [Web Page]. November 2004; (Accessed 3 May 2005).
- 35 Agency on Healthcare Research and Quality (AHRQ). Guide to prevention quality indicators. AHRQ, 2004.
- 36 AGS Clinical Practice Committee. Breast cancer screening in older women. 1999.
- 37 Alkhenizan A, Palda VA, Canadian Task Force on Preventive Health Care. The role of vitamin E supplements in the prevention of cardiovascular disease and cancer: systematic review and recommendations. London, ON: Canadian Task Force, 2003. (CTFPHC Technical Report #03-6).
- 38 Amella EJ. Mealtime difficulties. Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc., 2003: 66-82.
- 39 American Geriatrics Society. (AGS) Ethics Committee. Health screening decisions for older adults. American Geriatrics Society (AGS) Position Paper 2001.

- 40 American Geriatrics Society Panel on Exercise and Osteoarthritis. Exercise prescription for older adults with osteoarthritis pain: consensus practice recommendations. *JAGS* 2001; 49(6):808-23.
- 41 Asch S. Alcohol Dependence. Quality of Care for Women: A Review of Selected Clinical Conditions and Quality Indicators. Santa Monica, CA : RAND, 2000.
- 42 Asch S. Cigarette Use Counseling. McGlynn E, Kerr E, Damberg C, Asch Se. Quality of Care for Women: A Review of Selected Clinical Conditions and Quality Indicators. Santa Monica, CA: RAND, 2000.
- 43 Baxter N. Preventive health care, 2001 update: should women be routinely taught breast self-examination to screen for breast cancer? *CMAJ* 2001; 164(13):1837-46.
- 44 Bell C, Kapral M. Use of ambulatory electrocardiography for the detection of paroxysmal atrial fibrillation in patients with stroke. Canadian Task Force on Preventive Health Care. *Can J Neurol Sci* 2000; 27(1):25-31.
- 45 Bellas P. Alcohol dependence. Kerr E, Asch S, Hamilton E, McGlynn Ee. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND, 2000.
- 46 Bellas P. Cigarette counseling. Kerr E, Asch S, Hamilton E, McGlynn Ee. Quality of Care for Cardiopulmonary Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND, 2000.
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- 48 Bellas P. Skin Cancer Screening. Asch S, Kerr E, Hamilton E, et. al. Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND, 2000.
- 49 Benson AB 3rd, Desch CE, Flynn PJ et al. 2000 update of American Society of Clinical Oncology colorectal cancer surveillance guidelines. *J Clin Oncol* 2000; 18(20):3586-8.
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- 52 Cheung AM, Feig DS, Kapral M, Diaz-Granados N, Dodin S. Prevention of osteoporosis and osteoporotic fractures in postmenopausal women: recommendation statement from the Canadian Task Force on Preventive Health Care. *CMAJ* 2004; 170(11):1665-7.

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- 54** Feig DS, Palda VA, Lipscombe L. Screening for type 2 diabetes mellitus to prevent vascular complications: updated recommendations from the Canadian Task Force on Preventive Health Care. *CMAJ* 2005; 172(2):177-80.
- 55** Gifford D. Cervical Cancer Screening. Asch S, Kerr E, Hamilton E, et. al. *Quality of Care for Oncologic Conditions and HIV: A Review of the Literature and Quality Indicators*. Santa Monica, CA: RAND, 2000.
- 56** Hawkins RJ, Wang EE, Leake JL. Preventive health care, 1999 update: prevention of oral cancer mortality. The Canadian Task Force on Preventive Health Care. *J Can Dent Assoc* 1999; 65(11):617.
- 57** Jitramontree N. Exercise Promotion: Walking in Elders. The University of Iowa Gerontology Nursing Interventions Research Center, 2001. (Evidence-Based Protocol).
- 58** Kapral MK, Silver FL. Preventive health care, 1999 update: 2. Echocardiography for the detection of a cardiac source of embolus in patients with stroke. Canadian Task Force on Preventive Health Care. *CMAJ* 1999; 161(8):989-96.
- 59** Kerr E, Schmidt L, Gifford D, Asch S. Preventive care. McGlynn E, Kerr E, Damberg C, Asch Se. *Quality of Care for Women: A Review of Selected Clinical Conditions and Quality Indicators*. Santa Monica, CA: RAND, 2000.
- 60** Langley JM, Faughnan ME. Prevention of influenza in the general population: recommendation statement from the Canadian Task Force on Preventive Health Care. *CMAJ* 2004; 171(10):1169-70.
- 61** Levine M, Moutquin JM, Walton R, Feightner J. Chemoprevention of breast cancer. A joint guideline from the Canadian Task Force on Preventive Health Care and the Canadian Breast Cancer Initiative's Steering Committee on Clinical Practice Guidelines for the Care and Treatment of Breast Cancer. *CMAJ* 2001; 164(12):1681-90.
- 62** Liston J, Wilson R, Cooke J et al. Quality assurance guidelines for breast cancer screening radiology: NHSBSP publication no. 59. UK: NHS Cancer Screening Programmes, 2005.
- 63** MacMillan HL, Patterson CJ, Wathen CN et al. Screening for depression in primary care: recommendation statement from the Canadian Task Force on Preventive Health Care. *CMAJ* 2005; 172(1):33-5.
- 64** McLeod R, Canadian Task Force on Preventive Health Care. Screening strategies for colorectal cancer: systematic review & recommendations. London, ON: Canadian Task Force, 2001. (CTFPHC Technical Report #01-2).
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- 68** National Committee for Quality Assurance Cervical cancer screening. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 69** National Committee for Quality Assurance Flu shots for adults ages 50-64. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 70** National Committee for Quality Assurance Flu shots for older adults HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 71** National Committee for Quality Assurance Medical assistance with smoking cessation. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
- 72** National Committee for Quality Assurance Physical activity in older adults. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance , 2004.
- 73** National Committee for Quality Assurance Pneumonia vaccination status for older adults. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance, 2004.
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- 76** Office of Quality and Performance. Cancer. FY 2005 VHA Performance Measures Technical Manual 2005. (Performance Measurement System and JCAHO Hospital Core Measures.
- 77** Office of Quality and Performance. Infectious. FY 2005 VHA Performance Measures Technical Manual. 2005. (Performance Measurement System and JCAHO Hospital Core Measures.
- 78** Office of Quality and Performance. Substance use disorder. 2005. (FY 2005 VHA Performance Measures Technical Manual.

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- 84** Smith RA, Saslow D, Sawyer KA et al. American Cancer Society guidelines for breast cancer screening; update 2003. *CA Cancer J Clin* 2003; 53(3):141-69.
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- 88** The American Geriatrics Society Screening for cervical carcinoma in older women. American Geriatrics Society (AGS) Position Statement 2000.
- 89** The American Geriatrics Society. Clinical guidelines for alcohol use disorders in older adults. American Geriatrics Society (AGS) Position Statement 2003.
- 90** The American Geriatrics Society. Prevention and treatment of influenza in the elderly. American Geriatrics Society (AGS) Position Statement 2003.
- 91** U.S. Preventive Services Task Force. Screening for osteoporosis in postmenopausal women AHRQ USPSTF Recommendations 2002; 211-8.
- 92** U.S. Preventive Services Task Force. Postmenopausal hormone replacement therapy for the primary prevention of chronic conditions. Agency for Healthcare Research and Quality (AHRQ) Publications Clearinghouse, 2002.
- 93** U.S. Preventive Services Task Force. Screening for pancreatic cancer: recommendation statement. Agency for Healthcare Research and Quality (AHRQ) Publications Clearinghouse, 2004.

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- 95** U.S. Preventive Services Task Force. Primary care interventions to prevent low back pain in adults: recommendation statement. Agency for Healthcare Research and Quality (AHRQ) Publications Clearinghouse, 2004.
- 96** U.S. Preventive Services Task Force. Screening for oral cancer: recommendation statement. Agency of Healthcare Research and Quality (AHRQ) Publications Clearinghouse, 2004.
- 97** U.S. Preventive Services Task Force (USPSTF). Screening for depression: recommendations and rationale. Agency for Healthcare Research and Quality, 2002.
- 98** U.S. Preventive Services Task Force (USPSTF). Screening for colorectal cancer: recommendations and rationale. Agency for Healthcare Research and Quality (AHRQ), 2002.
- 99** U.S. Preventive Services Task Force (USPSTF). Screening for cervical cancer: recommendations and rationale. Agency for Healthcare Research and Quality, 2003.
- 100** U.S. Preventive Services Task Force (USPSTF). Screening for type 2 diabetes mellitus in adults: recommendations and rationale. Agency of Healthcare Research and Quality (AHRQ), 2003.
- 101** U.S. Preventive Services Task Force (USPSTF). Screening for dementia: recommendations and rationale. Agency for Healthcare Research and Quality (AHRQ), 2003.
- 102** U.S. Preventive Services Task Force (USPSTF). Counseling to prevent tobacco use and tobacco-caused disease: recommendation statement Agency for Healthcare Research and Quality (AHRQ), 2003.
- 103** US Preventive Services Task Force (USPSTF). Counseling to prevent skin cancer. Agency for Healthcare Research and Quality (AHRQ) Publications Clearinghouse, 2003.
- 104** US Preventive Services Task Force (USPSTF). Screening for bladder cancer in adults : recommendation statement. Agency for Healthcare Research and Quality (AHRQ), 2004.
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Search Strategies

SEARCH #1

Database & Time Period Covered: Cochrane – 1997-2005

Search strategy: "Motor Activity" OR "Physical Fitness" OR "Exercise" OR "Aortic Aneurysm, Abdominal" OR "Automobile Driving" OR "Vitamin E" OR "Vitamin D" OR "Calcium" OR "Bone Density" OR "Aspirin" OR "Estrogen Replacement Therapy" OR "Progesterone" OR "Thyroid Diseases" OR "Diet" OR "Diet, Fat-Restricted" OR "Diet Therapy" OR "Sexual Behavior" OR "Unsafe Sex" OR "Safe Sex" OR "Sex Disorders" OR "Homocysteine" OR "Geriatric Assessment" OR "Memory Disorders" OR "Depressive Disorder" OR "Depression" OR "Accidental Falls" OR "Urinary Incontinence" OR "Elder Abuse" OR "Hyperlipidemia" OR "Hysterectomy" OR "Vaginal Smears" OR "activity level" OR "physical activity" OR "abdominal aortic aneurysm" OR aaa OR "driving capacity" OR "oral calcium" OR "bone density" OR "estrogen therapy" OR et OR "estrogen and progesterone therapy" OR ept OR "thyroid disorder" OR "sexual history" OR frailty OR "functional impairment" OR "geriatric syndromes" OR "comprehensive geriatric assessment" OR cga OR abuse* OR neglect* OR dyslipidemia OR "pap smear" OR "Vaccination" OR "Tetanus" OR "Diphtheria" OR "Immunization, Secondary" OR "Influenza Vaccines" OR "Influenza" OR "Vaccines" OR "Pneumococcal Vaccines" OR "Chemoprevention" OR "Antiviral Agents" OR "Pneumonia, Pneumococcal" OR "Pneumococcal Infections" OR booster OR chemoprophylaxis OR antiviral* OR vaccinated OR "alcohol drinking" OR "Alcoholism" OR "Tobacco Use Disorder" OR "Tobacco Smoke Pollution" OR "Smoking" OR "Nicotine" OR "problem drinking" OR "second hand smoke" OR "tobacco use" OR interve* OR counsel* OR immuniz*

AND

"Risk Assessment" OR screening OR prevent* OR "screening and prevention" OR screen OR "Mass Screening" OR "Primary Prevention" OR "prevention and control"

AND

"geriatric assessment" OR "frail elderly" OR "health services for the aged" OR geriatric* OR geront* OR "vulnerable elderly" OR elder*

AND

"clinical trial" OR "clinical trials" OR "Controlled clinical trial" OR "randomized controlled trials" OR "prospective studies" OR "cohort studies" OR "follow-up studies" OR "cohort study" OR "prospective study" OR "follow-up study" OR "randomized controlled trial" OR "clinical trial" OR "meta-analysis" OR "meta analysis" OR "systematic review"

Number of Items Retrieved: 419 (Cochrane Reviews: 91, DARE: 39, Cochrane CENTRAL: 289)

SEARCH #2

Database & Time Period Covered: Cochrane DARE Database – 1997-2005

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aged OR aging

AND

diphtheria OR automobile driving OR driving OR sexuality OR sexually transmitted disease* OR hiv infections OR frail OR vulnerable OR abus* OR cervix neoplasms OR cervical cancer OR (homocysteine* and vascular)

Number of Items Retrieved: 16

SEARCH #3

Database & Time Period Covered: Cochrane Central Register of Controlled Trials Database
– 1997-2005

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR
gerontol* OR elderly OR aged OR aging
AND
diphtheria OR automobile driving OR driving OR sexuality OR sexually transmitted
disease* OR hiv infections OR frail OR vulnerable OR abus* OR cervix neoplasms OR
cervical cancer OR (homocysteine* and vascular)

Number of Items Retrieved: 956

SEARCH #4

Database & Time Period Covered: Cochrane Central Register of Controlled Trials Database
– 1997-2005

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR
gerontol* OR elderly OR aged OR aging
AND
cervix neoplasms or cervical cancer* or (cervix and (cancer* or malignan* or tumor*))
AND
pessary or mortality or survival or prognos*

Number of Items Retrieved: 71

SEARCH #5

Database & Time Period Covered: Cochrane – 1997-2005

Search Strategy: (risk assessment OR screening OR prevent\$ OR (screening and prevention)
OR screen OR mass screening OR primary prevention OR (prevention and control) OR
interven\$).mp.
AND
geriatric assessment.ti,sh. OR health services for the aged.sh. OR (geriatric\$ or
gerontol\$ or elderly).mp. OR aged.sh,ti. OR aging.ti.
AND
alcohol\$.sh,ti.

Number of Items Retrieved: 99

SEARCH #6

Database & Time Period Covered: Cochrane – 1997-2005

Search Strategy: (risk assessment OR screening OR prevent\$ OR (screening and prevention)
OR screen OR mass screening OR primary prevention OR (prevention and control) OR
interven\$).mp.
AND
geriatric assessment.ti,sh. OR health services for the aged.sh. OR (geriatric\$ or
gerontol\$ or elderly).mp. OR aged.sh,ti. OR aging.ti.
AND
(tobacco or smoking).mp.
AND
(cessation or stop\$ or counsel\$).mp

Number of Items Retrieved: 150

SEARCH #7

Database & Time Period Covered: Cochrane – 1997-2005

Search Strategy: (risk assessment OR screening OR prevent\$ OR (screening and prevention) OR screen OR mass screening OR primary prevention OR (prevention and control) OR interven\$).mp.

AND

geriatric assessment.ti,sh. OR health services for the aged.sh. OR (geriatric\$ or gerontol\$ or elderly).mp. OR aged.sh,ti. OR aging.ti.

AND

abdominal aortic aneurysm\$.mp.

Number of Items Retrieved: 33

SEARCH #8

Database & Time Period Covered: Cochrane – 1997-2005

Search Strategy: (risk assessment OR screening OR prevent\$ OR (screening and prevention) OR screen OR mass screening OR primary prevention OR (prevention and control) OR interven\$).mp.

AND

geriatric assessment.ti,sh. OR health services for the aged.sh. OR (geriatric\$ or gerontol\$ or elderly).mp. OR aged.sh,ti. OR aging.ti.

AND

(estrogen or hormone replacement therap\$).mp

Number of Items Retrieved: 163

SEARCH #9

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aged OR aging

AND

diphtheria

NOT

child*[ti] OR infant*[ti] OR adolescen*[ti] OR pediatric*[ti] OR paediatric*[ti])

NOT

case report*

Number of Items Retrieved: 297

SEARCH #10

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aged OR aging

AND

automobile driving OR driving OR driver*

AND

guideline* OR guide line* OR american medical association* OR ama OR evaluat*

AND

american medical association* OR ama

Number of Items Retrieved: 8

SEARCH #11A

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN, AGE 65+

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aging
AND
sexuality[mh] OR sexuality[ti] OR sexually transmitted diseases[mh] OR sexually transmitted disease*[ti]
AND
risk assessment OR screening OR prevent* OR screening and prevention OR screen OR mass screening OR primary prevention OR prevention and control
NOT
acquired immunodeficiency syndrome OR hiv infections
NOT
case report*

Number of Items Retrieved: 1890

SEARCH #11B

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aged[mh] OR aging
AND
sexuality[mh] OR sexuality[ti] OR sexually transmitted diseases[mh] OR sexually transmitted disease*[ti]
AND
risk assessment OR screening OR prevent* OR screening and prevention OR screen OR mass screening OR primary prevention OR prevention and control
NOT
case report*
NOT
Results of Search #11A

Number of Items Retrieved: 101

SEARCH #12

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aging
AND
homocysteine*
AND
vascular
AND
risk assessment OR screening OR prevent* OR screening and prevention OR screen OR mass screening OR primary prevention OR prevention and control
NOT
case report*

Number of Items Retrieved: 299

SEARCH #13

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aging
AND
frail*[ti]
NOT
case report*

Number of Items Retrieved: 188

SEARCH #14

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aging
AND
elder abuse[mh] OR "elder abuse"[ti]
AND
risk assessment OR screening OR prevent* OR screening and prevention OR screen OR mass screening OR primary prevention OR prevention and control OR interven*
NOT
case report*

Number of Items Retrieved: 283

SEARCH #15

Database & Time Period Covered: PubMed – 1997-2005

Other Limiters: HUMAN

Search Strategy: geriatric assessment OR health services for the aged OR geriatric* OR gerontol* OR elderly OR aged[mh] OR aging
AND
cervix neoplasms OR cervical cancer* OR (cervix AND (cancer* OR malignan* OR tumor*))
AND
pessary OR mortality OR survival
AND
risk assessment OR screening OR prevent* OR screening and prevention OR screen OR mass screening OR primary prevention OR prevention and control
NOT
case report*

Number of Items Retrieved: 815

SEARCH #16

Databases: Google

Time period covered: 1998-2005

Search strategy: Prevention, primary prevention, screening, smoking, smoking cessation, tobacco, alcohol, alcohol abuse, substance abuse, elder abuse, exercise, breast cancer screening, colon cancer screening, driving impairment, lipid screening, cholesterol screening, nutrition counseling, dietary counseling, bone density, abdominal aortic aneurysm, vaccinations, influenza vaccine, pneumococcal vaccine, pneumovax vaccine,

cervical cancer screening, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 107

Sleep Disorders

Guidelines and Quality Indicators Identified via Web Search

- 1 Disorders that disrupt sleep (parasomnias). E-Medicine. 2005.
- 2 Drowsy Driving and Automobile Crashes. National Heart, Lung and Blood Institute; National Center on Sleep Disorders Research. 1998.
- 3 Insomnia: assessment and management in primary Care. National Institutes of Health; National Heart, Lung and Blood Institute. 1998.
- 4 Insomnia: assessment and management in primary care. National Heart, Lung, and Blood Institute Working Group on Insomnia. Am Fam Physician 1999;59(11):3029-38.
- 5 Insomnia: Conceptual Issues in the Development, Persistence, and Treatment of Sleep Disorder in Adults.
- 6 Management of Obstructive Sleep Apnoea/Hypopnoea Syndrome in Adults.: Scottish Intercollegiate Guidelines Network. 2003.
- 7 Practice parameters for the indications for polysomnography and related procedures. Polysomnography Task Force, American Sleep Disorders Association Standards of Practice Committee. Sleep 1997;20(6):406-22.
- 8 Practice parameters for the treatment of obstructive sleep apnea in adults: the efficacy of surgical modifications of the upper airway. Report of the American Sleep Disorders Association. Sleep 1996;19(2):152-5.
- 9 Practice parameters for the use of actigraphy in the clinical assessment of sleep disorders. American Sleep Disorders Association. Sleep 1995;18(4):285-7.
- 10 Practice parameters for the use of laser-assisted uvulopalatoplasty. Standards of Practice Committee of the American Sleep Disorders Association. Sleep 1994;17(8):744-8.
- 11 Practice parameters for the use of polysomnography in the evaluation of insomnia. Standards of Practice Committee of the American Sleep Disorders Association. Sleep 1995;18(1):55-7.
- 12 Practice parameters for the use of portable recording in the assessment of obstructive sleep apnea. Standards of Practice Committee of the American Sleep Disorders Association. Sleep 1994;17(4):372-7.
- 13 Problem Sleepiness in Your Patient.: National Institutes of Health; National Heart, Lung and Blood Institute. 1997.

- 14 Restless Legs Syndrome: Detection and Management in Primary Care.: National Institutes of Health; National Heart, Lung and Blood Institute. 2000.
- 15 Sleep disorders. Best Practice of Medicine. 2000.
- 16 Sleep disorders. Medline Plus. 2004.
- 17 Sleeplessness and Circadian Rhythm Disorder.: E-Medicine. 2005.
- 18 Standards for the diagnosis and management of patients with COPD, section 12: management of stable COPD: sleep. American Thoracic Society/European Respiratory Society. 2004.
- 19 Agency for Healthcare Quality and Research (AHRQ). Diagnosis and treatment of obstructive sleep apnea.: Institute for Clinical Systems Improvement . 2004.
- 20 Agency for Healthcare Quality and Research (AHRQ). Melatonin for treatment of sleep disorders, summary of evidence report/technology assessment: number 108.: Agency for Healthcare Quality and Research. 2004.
- 21 Agency for Healthcare Quality and Research (AHRQ). Systematic review of the literature regarding the diagnosis of sleep apnea, summary of evidence report/technology assessment: number 1.: Agency for Healthcare Quality and Research. 1999.
- 22 American Academy of Sleep Medicine. Practice Parameters for the Use of Light Therapy in the Treatment of Sleep Disorders.
- 23 American Association for Respiratory Care. AARC-APT Clinical Practice Guideline: Polysomnography.
- 24 American Family Physician. Chronic Insomnia: A Practical Review.
- 25 American Family Physician. Recognizing Problem Sleepiness in Your Patients.
- 26 American Sleep Disorders Association. Practice Parameters for the Treatment of Snoring and Obstructive Sleep Apnea with Oral Appliances.
- 27 American Thoracic Society. Indications and standards for use of nasal continuous positive airway pressure (CPAP) in sleep apnea syndromes.
- 28 Arendt J. Melatonin, circadian rhythms, and sleep. N Engl J Med 2000;343(15):1114-6.
- 29 Asia Pacific Family Medicine. Clinical Practice Guideline on the Diagnosis and Management of Insomnia in Family Practice.
- 30 Atwood CW Jr, McCrory D, Garcia JG, et al. Pulmonary artery hypertension and sleep-disordered breathing: ACCP evidence-based clinical practice guidelines. Chest 2004;126(1 Suppl):72S-77S.
- 31 British Columbia Medical Association. Primary Management of Sleep Complaints in Adults.

- 32 Chesson A Jr, Hartse K, Anderson WM, et al. Practice parameters for the evaluation of chronic insomnia. An American Academy of Sleep Medicine report. Standards of Practice Committee of the American Academy of Sleep Medicine. *Sleep* 2000;23(2):237-41.
- 33 Chesson AL Jr, Anderson WM, Littner M, et al. Practice parameters for the nonpharmacologic treatment of chronic insomnia. An American Academy of Sleep Medicine report. Standards of Practice Committee of the American Academy of Sleep Medicine. *Sleep* 1999;22(8):1128-33.
- 34 Chesson ALJ, Berry RB, Pack A. Practice parameters for the use of portable monitoring devices in the investigation of suspected obstructive sleep apnea in adults. *Sleep* 2003;26(7):907-13.
- 35 Chesson AL Jr, Ferber RA, Fry JM, et al. The indications for polysomnography and related procedures. *Sleep* 1997;20(6):423-87.
- 36 Chesson AL Jr, Murphy PW, Arnold CL, et al. Presentation and reading level of sleep brochures: are they appropriate for sleep disorders patients? *Sleep* 1998;21(4):406-12.
- 37 Chesson AL Jr, Wise M, Davila D, et al. Practice parameters for the treatment of restless legs syndrome and periodic limb movement disorder. An American Academy of Sleep Medicine Report. Standards of Practice Committee of the American Academy of Sleep Medicine. *Sleep* 1999;22(7):961-8.
- 38 D'Alonzo GE, Krachman SL. Circadian rhythm sleep disorders. *J Am Osteopath Assoc* 2000;100(8 Suppl):S15-21.
- 39 E-Medicine. Sleeping disorders.
- 40 Earley CJ. Clinical practice. Restless legs syndrome. *N Engl J Med* 2003;348(21):2103-9.
- 41 Hening W, Allen R, Earley C, et al. The treatment of restless legs syndrome and periodic limb movement disorder. An American Academy of Sleep Medicine Review. *Sleep* 1999;22(7):970-99.
- 42 Krieger J, McNicholas WT, Levy P, et al. Public health and medicolegal implications of sleep apnoea. *Eur Respir J* 2002;20(6):1594-609.
- 43 Littner M, Hirshkowitz M, Davila D, et al. Practice parameters for the use of auto-titrating continuous positive airway pressure devices for titrating pressures and treating adult patients with obstructive sleep apnea syndrome. An American Academy of Sleep Medicine report. *Sleep* 2002;25(2):143-7.
- 44 Littner M, Hirshkowitz M, Kramer M, et al. Practice parameters for using polysomnography to evaluate insomnia: an update. *Sleep* 2003;26(6):754-60.
- 45 Littner M, Kushida CA, Anderson WM, et al. Practice parameters for the role of actigraphy in the study of sleep and circadian rhythms: an update for 2002. *Sleep* 2003;26(3):337-41.

- 46 Littner M, Kushida CA, Hartse K, et al. Practice parameters for the use of laser-assisted uvulopalatoplasty: an update for 2000. *Sleep* 2001;24(5):603-19.
- 47 NIH. Sleep Apnea: Is Your Patient At Risk?
- 48 Schenck CH, Mahowald MW, Sack RL. Assessment and management of insomnia. *JAMA* 2003;289(19):2475-9.
- 49 Umlauf MG, Chasens ER, Weaver TE. Excessive sleepiness. In: Mezey M, Fulmer T, Abraham I, Zwicker DA. *Geriatric nursing protocols for best practice*. New York (NY): Springer Publishing Company, Inc.; 2003. p. 47-65.

Search strategies

Search #1 - Indicator #15 - July 18, 2005

Cochrane Databases: - DARE, CCTR and the CDSR

Time period covered: 1997-2005 (not valid in DARE so all records were retained)

Search strategy (terms): Sleep\$ AND Elder\$

Number of articles identified: Since the total number of citations found in Cochrane Databases 1997-2005 that included the word sleep, all 456 citations in Cochrane were downloaded and sent.

Search #2 - Indicator #1 -September 6, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND sleep disorders/diagnosis OR 862 (sleepiness AND day* AND (diagnosis OR diagnos*)) OR 381
Polysomnography 966

Number of articles identified: 1555

Search #3 - Indicator #2 - September 15, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English And Aged 65+ AND Human AND (needs assessment OR medical history taking OR questionnaires OR (sleep and history)) AND (sleep disorders OR (Sleep initiation and maintenance disorders) OR insomnia)

Number of articles identified: 667

Search #4 - Indicator #3 - September 14, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English And Aged 65+ AND Human AND (sleep AND (caffeine* OR nicotine OR alcohol OR exercise OR light OR noise* OR snack* OR meal* OR food)) OR (sleep AND hygiene) OR sleep hygiene

Number of articles identified: 385

Search #5 - Indicator #4 - September 18, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND 1997-2005 AND Aged 65+ AND sleep OR sleep disorders psychotherapy OR (sleep* AND restrict*) OR (attitude to health)

Number of articles identified: 412

Search #6 - Indicator #5 - September 18, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND Aged 65+ AND (respiratory disorders OR apnea* OR osa) AND sleep AND (diagnosis or polysomnography or evaluat*)

Number of articles identified: 1161

Search #7 - Indicator #6 - September 18, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND Aged 65+ AND (osa or obstructive sleep apnea) AND (polysomnography or diagnosis) AND (weight loss or nasal continuous positive airway pressure or cpap or therapy)

Number of articles identified: 389

Search #8 - Indicator #7 - September 26, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND Aged 65+ AND (restless legs syndrome OR [nocturnal myoclonus syndrome](#) OR (restless AND (leg or legs)) AND polysomnography) – (85 cites) OR (restless legs syndrome OR [nocturnal myoclonus syndrome](#) OR (Restless AND (leg or legs)) AND sleep*) – (157 cites)

Number of articles identified: 162

Search #9 - Indicator #8 - September 26, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND Aged 65+ AND histamine agents OR benzodiazepine* OR [benzhydryl compounds](#) OR diphenhydramine OR ethylamines – (3657 cites) AND Sleep*

Number of articles identified: 213

Search #10 - Indicator #9

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Human AND Aged 65+ AND histamine agents OR benzodiazepine* OR [benzhydryl compounds](#) OR diphenhydramine OR ethylamines AND sleep* OR insomnia AND risk OR risks

Number of articles identified: 21

Search #11 - Indicator #10 - October 3, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND Human AND sleep disorders OR nocturia AND diuretics OR diuretic OR renal agents OR (loop AND diuretic*) OR sleep disorders OR nocturia AND (administration of medication) OR (medicat* OR medicin* OR prescri*)

Number of articles identified: 1181

Search #12 - Indicator #11 - October 3, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND Human AND sleep* or sleep disorders AND central nervous system stimulants OR (CNS AND stimulant*) OR pemoline or cyleret OR dextroamphetamine or dexedrine or methylphenidate or Ritalin or conserta OR respiratory agents OR albuterol OR theophylline OR decongestant or decongestants OR decongest nasal decongestants OR pseudoephedrine or ephedrine OR novafed OR [Phenylephrine](#)

Number of articles identified: 17

Search #13 - Indicator #12 - October 5, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND Human AND day OR days OR daytime OR (day and time) OR afternoon AND histamine agents OR tranquilizing agents OR antidepressive agents OR antipsychotic agents OR analgesics OR narcotics OR central nervous system depressants OR antihistamin* or analgesic* OR tranquiliz* OR antidepress* OR OR sedat* OR central nervous system agents AND (sleep initiation and maintenance disorders) OR sleep* OR sleep disorders

Number of articles identified: 60

Adding the below terms cut the total to **33** citations so I didn't add this to the search. (continued OR extended OR sustain* OR ((6 OR six) AND month*))

Search #14 - Indicator #13 - October 3, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND Human AND Pain AND sleep* or sleep disorders

Number of articles identified: 355

Search #15 - Indicator #15 - October 3, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND Human AND sleep or sleep* or sleep disorders AND light OR phototherapy

Number of articles identified: 8

Search #16 - Indicator #15 - October 5, 2005

Database: Pubmed

Time period covered: 1997-2005

Search strategy (terms): English AND Aged 65 + AND human AND sleep or sleep* or sleep disorders AND specialist OR specialists OR specialty OR specialty, medical OR refer OR referral OR refers OR (referral and consultation) Total – 154 (including duplicates from previous searches)

Number of articles identified: 21

Search #17

Databases: Google

Time period covered: 1998-2005

Search strategy: Sleep, sleep disorder, sleepiness, insomnia, obstructive sleep apnea, restless legs syndrome, periodic limb movement disorder, circadian rhythm disturbances, advanced sleep phase syndrome, parasomnia, somnambulism, nocturnal confusion, polysomnography, uvulopalatoplasty, melatonin, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 49

Stroke / Atrial Fibrillation

Guidelines and Quality Indicators Identified via Web Search

- 1 Measuring and improving quality of care: a report from the American Heart Association/American College of Cardiology First Scientific Forum on Assessment of Healthcare Quality in Cardiovascular Disease and Stroke. *Circulation*. 2000 Mar 28; 101(12):1483-93.
- 2 Statins after ischemic stroke and transient ischemic attack: an advisory statement from the Stroke Council, American Heart Association and American Stroke Association. *Stroke*. 2004 Apr; 35(4):1023.
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- 33** Mosca, L. et al (American Heart Association). Evidence-based guidelines for cardiovascular disease prevention in women. *Circulation*. 2004; (109):672-93.
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- 36** Scottish Intercollegiate Guidelines Network (SIGN). Management of patients with stroke: rehabilitation, prevention and management of complications, and discharge planning, a national clinical guideline. Scottish Intercollegiate Guidelines Network. 2002 Nov; Publication 64:1-48.

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Search Strategies

Stroke Terms

(stroke[TI] or cerebrovascular accident[TI] or atrial fibrillation[TI] or auricular fibrillation[TI] or carotid endarterectomy[TI] or subarachnoid hemorrhage[TI] or intracerebral hemorrhage[TI] or intracranial hemorrhage[TI] or thrombolysis[TI]) OR (stroke[TI] OR "cerebrovascular accident"[TI] OR "auricular fibrillation"[TI] OR "carotid endarterectomy"[TI] OR "subarachnoid hemorrhage"[TI] OR "intracerebral hemorrhage"[TI] OR "intracranial hemorrhage"[TI] OR thrombolysis[TI]) OR "Cerebrovascular Accident"[MeSH]

Aged/Elderly Terms

"Geriatric Assessment"[MeSH] OR "Aged"[MeSH] OR "Frail Elderly"[MeSH] OR "Health Services for the Aged"[MeSH] OR "Aged, 80 and over"[MeSH] OR "Geriatrics"[MeSH] OR aged[TI] OR aging[TI] OR "elder care"[TI] OR elderly[TI] OR "elderly care"[TI] OR geriatric*[TI] OR "geriatric assessment"[TI] OR older[TI] OR senior[TI]

Publication Type Terms

("Clinical Trial"[Publication Type] OR "Clinical Trials"[MeSH] OR "Controlled Clinical Trial"[Publication Type]) OR ("Randomized Controlled Trial"[Publication Type] OR "Randomized Controlled Trials"[MeSH]) OR "randomized controlled trial"[TI] OR "clinical trial"[TI] OR ("Meta-Analysis"[MeSH] OR "Meta-Analysis"[Publication Type]) OR "Review"[Publication Type] OR "meta-analysis"[TI] OR "meta analysis"[TI] OR "systematic review"[TI]

First Set of Indicators (14 Indicators – previously reviewed in ACOVE1)

"Ipsilateral carotid stenosis"[TI] OR "Carotid endarterectomy" [TI] OR Smoking[TI] OR Alcohol[TI] OR "Risk factors"[TI] OR "Mitral stenosis"[TI] OR Hypertension[TI] OR "Transient ischemic attack"[TI] OR "Congestive heart failure"[TI] OR "Anticoagulant therapy"[TI] OR Anticoagulants[TI] OR "Left ventricular dysfunction"[TI] OR "Antiplatelet therapy"[TI] OR "Anticoagulation therapy"[TI] OR Cardioversion[TI] OR "Rate control"[TI] OR Statin*[TI] OR Cholesterol[TI] OR "Stroke unit"[TI] OR Imaging[TI]

OR Radiolog*[TI] OR "Antithrombotic therapy"[TI] OR "Hemorrhagic stroke"[TI] OR "Thrombolytic therapy"[TI] OR Aspirin[TI] OR Prophylaxis[TI] OR "Deep venous thrombosis"[TI] OR dvt[TI] OR "Immobile patients"[TI] OR Diet[TI] OR "High fat"[TI] OR "high cholesterol"[TI] OR Ipsilateral carotid stenosis[TI] OR Carotid endarterectomy[TI] OR Risk factors[TI] OR Mitral stenosis[TI] OR Transient ischemic attack[TI] OR Congestive heart failure[TI] OR Anticoagulant therapy[TI] OR Left ventricular dysfunction[TI] OR Antiplatelet therapy[TI] OR Anticoagulation therapy[TI] OR Rate control[TI] OR Stroke unit[TI] OR Antithrombotic therapy[TI] OR Hemorrhagic stroke[TI] OR Thrombolytic therapy[TI] OR Deep venous thrombosis[TI] OR Immobile patients[TI] OR High fat[TI] OR high cholesterol[TI] OR ("Carotid Stenosis"[MeSH] OR "Carotid Artery Thrombosis"[MeSH] OR "Endarterectomy, Carotid"[MeSH]) OR ("Smoking"[MeSH] OR "Smoking Cessation"[MeSH]) OR ("Alcohol Drinking"[MeSH] OR "Alcohol-Induced Disorders"[MeSH]) OR "Alcoholism"[MeSH] OR "Temperance"[MeSH] OR "Tobacco Use Cessation"[MeSH] OR "Risk Factors"[MeSH] OR "Mitral Valve Stenosis"[MeSH] OR "Hypertension"[MeSH] OR "Ischemic Attack, Transient"[MeSH] OR "Heart Failure, Congestive"[MeSH] OR "Thrombolytic Therapy"[MeSH] OR "Anticoagulants/therapeutic use"[MeSH] OR "Anticoagulants"[MeSH] OR "Ventricular Dysfunction, Left"[MeSH] OR "Platelet Aggregation Inhibitors"[MeSH] OR "Electric Countershock"[MeSH] OR "Defibrillators"[MeSH] OR "Anticholesteremic Agents"[MeSH] OR ("Cholesterol"[MeSH] OR "Lipoproteins, HDL Cholesterol"[MeSH] OR "Lipoproteins, LDL Cholesterol"[MeSH] OR "Cholesterol, Dietary"[MeSH]) OR "Diagnostic Imaging"[MeSH] OR ("Fibrinolytic Agents"[MeSH] OR "Fibrinolytic Agents/therapeutic use"[MeSH]) OR "Aspirin"[MeSH] OR "Venous Thrombosis"[MeSH] OR "Diet"[MeSH] OR "Diet Therapy"[MeSH]

Third Set of Indicators (9 Indicators – not reviewed in ACOVE1, but limited search to 1998 on)

rehabilitat*[TI] OR "functional status"[TI] OR "functional deficits"[TI] OR "physical therapy"[TI] OR "occupational therapy"[TI] OR "exercise program"[TI] OR exercise[TI] OR depression[TI] OR depressed[TI] OR "cognitive impairment"[TI] OR "cognition disorder"[TI] OR "cognitive disorder"[TI] OR "language impairment"[TI] OR "language disorder"[TI] OR "cognitive intervention"[TI] OR "language intervention"[TI] OR dysphagia[TI] OR "Deglutition Disorders"[TI] OR "aspiration pneumonia"[TI] OR functional status[TI] OR functional deficits[TI] OR physical therapy[TI] OR occupational therapy[TI] OR exercise program[TI] OR cognitive impairment[TI] OR cognition disorder[TI] OR cognitive disorder[TI] OR language impairment[TI] OR language disorder[TI] OR cognitive intervention*[TI] OR language intervention*[TI] OR Deglutition Disorders[TI] OR aspiration pneumonia[TI] OR ("Rehabilitation"[MeSH] OR "Rehabilitation of Speech and Language Disorders"[MeSH]) OR "Physical Therapy Techniques"[MeSH] OR "Occupational Therapy"[MeSH] OR "Exercise Therapy"[MeSH] OR "Exercise"[MeSH] OR ("Depressive Disorder"[MeSH] OR "Depression"[MeSH]) OR ("Language Therapy"[MeSH] OR "Language Disorders"[MeSH]) OR "Cognition Disorders"[MeSH] OR "Deglutition Disorders"[MeSH] OR "Pneumonia, Aspiration"[MeSH]

Second Set of Indicators (9 new indicators)

Educat*[TI] OR "Early management"[TI] OR 911[TI] OR "emergency services"[TI] OR paramedics[TI] OR "emergency response"[TI] OR "risk factor reduction"[TI] OR "blood pressure"[TI] OR cholesterol[TI] OR weight[TI] OR diabetes[TI] OR diabetic[TI] OR smoking[TI] OR "ace inhibitor"[TI] OR diuretic[TI] OR exercise[TI] OR "physical activity"[TI] OR obese[TI] OR obesity[TI] OR "weight loss counseling"[TI] OR "hormone replacement therapy"[TI] OR hrt[TI] OR "antithrombotic therapy"[TI] OR "rate control"[TI] OR "rhythm control"[TI] OR "preventative health services"[TI] OR "preventive health

services"[TI] OR "medical record documentation"[TI] OR Early management[TI] OR 911[TI] OR emergency services[TI] OR paramedics[TI] OR emergency response[TI] OR risk factor reduction[TI] OR blood pressure[TI] OR cessation of smoking[TI] OR ace inhibitor*[TI] OR physical activity[TI] OR weight loss counseling[TI] OR hormone replacement therapy[TI] OR antithrombotic therapy[TI] OR rate control[TI] OR rhythm control[TI] OR preventative health services[TI] OR preventive health services[TI] OR medical record documentation[TI] OR "Smoking Cessation"[MeSH] OR "Blood Pressure"[MeSH] OR ("Hypertension"[MeSH] OR "Hypertension/prevention and control"[MeSH]) OR ("Hypercholesterolemia"[MeSH] OR "Hypercholesterolemia/prevention and control"[MeSH]) OR "Cholesterol"[MeSH] OR "Body Weight"[MeSH] OR ("Diabetes Mellitus"[MeSH] OR "Diabetes Mellitus/prevention and control"[MeSH]) OR "Risk Factors"[MeSH] OR "Emergency Treatment"[MeSH] OR "Diuretics"[MeSH] OR "Exercise"[MeSH] OR "Obesity"[MeSH] OR "Weight Loss"[MeSH] OR "Hormone Replacement Therapy"[MeSH] OR "Fibrinolytic Agents"[MeSH] OR "Medical Records"[MeSH] OR "Angiotensin-Converting Enzyme Inhibitors"[MeSH] OR "Preventive Health Services"[MeSH]

Results Downloaded

Stroke Terms AND Aged/Elderly Terms AND Publication Type Terms AND (First Set of Indicators Terms OR Third Set of Indicators Terms)

Limited to: English Language, Human Subjects, Publication Date: 1998 – present

Total Results: 2,088

Stroke Terms AND Aged/Elderly Terms AND Publication Type Terms AND (Second Set of Indicators Terms)

Limited to: English Language, Human Subjects

Total Results: 1,502

(NOTE: This set of 1502 results includes 530 unique results – 972 results also appeared in the 2088 results listed above)

Total Unique Results Downloaded to ProCite: 2,618

Search #2

Databases: Google

Time period covered: 1998-2005

Search strategy 1(terms): stroke, cerebrovascular accident, cerebrovascular disease, cerebral ischemia, cerebral infarction, lacune, lacunar infarct, transient ischemic attack, brain ischemia, brain infarction, intracranial thrombosis, intracranial embolism, vascular accident, carotid artery, carotid stenosis, carotid endarterectomy, atrial fibrillation, subarachnoid hemorrhage, intracranial hemorrhage, intracerebral hemorrhage, cerebral hemorrhage, elderly, geriatric, aged

Number of guidelines identified: 40

Urinary Incontinence

Guidelines and Quality Indicators Identified via Web Search

- 1 Urinary Incontinence: Guide to Diagnosis and Management. Boston, MA: Brigham and Women's Hospital; 2004

- 2 Abt Associates Inc. National nursing home quality measures. 2004 Jan.
- 3 American Medical Directors Association (AMDA). Urinary incontinence. Clinical Practice Guideline 1995. 1996.
- 4 Association of Women's Health, Obstetric and Neonatal Nurses AWHONN. Continence for women. Evidence-based practice guideline. Washington (DC): Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN); 2000 Jan 27.
- 5 Culligan, P. J. and Heit, M. Urinary incontinence in women: evaluation and management. Am Fam Physician. 2000 Dec 1; 62(11):2433-44, 2447, 2452.
- 6 Doweling-Castronovo, A. and Bradway, C. Urinary incontinence. Mezey, M.; Fulmer, T.; Abraham, I., and Zwicker, D. A. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003; pp. 83-98.
- 7 Editors. Determining the volume of residual urine by ultrasonography [Web Page]. 2004 Oct 3; Accessed 2004 Dec 30. Available at: http://www.guideline.gov/summary/summary.aspx?ss=15&doc_id=6533&nbr=4099.
- 8 European Association of Urology (EAU). Guidelines on incontinence. 1-16.
- 9 Farrell, S. A.; Beckerson, L.; Epp, A.; Flood, C. G.; Lajoie, F.; MacMillan, J. B.; Mainprize, T. C., and Robert, M. Tension-free vaginal tape (TVT) procedure. Society of Obstetricians and Gynaecologists of Canada (SOGC). 2003 Aug; 132:1-3.
- 10 Farrell, S. A.; Epp, A.; Flood, C.; Lajoie, F.; MacMillan, B.; Mainprize, T., and Robert, M. The evaluation of stress incontinence prior to primary surgery. J Obstet Gynaecol Can. 2003 Apr; 25(4):313-24.
- 11 French National Agency of Accreditation and Evaluation in Healthcare (ANAES). Assessment and pelvic floor training and techniques in the treatment of urinary incontinence in women excluding neurological disorders. Clinical Practice Guidelines. 2000 Feb:1-10.
- 12 ---. Assessment of TVT (tension-free vaginal tape) in female stress urinary incontinence. 2002 Mar.
- 13 ---. Management of female urinary incontinence in general practice. Anaes Guidelines. 2003 May:1-13.
- 14 Health Care Committee. Incontinence and the older person. National Health and Medical Research Council (NHMRC). 1994; 5:1-40.
- 15 Lyons, S. S. and Specht, J. K. P. Research-based protocol: prompted voiding for persons with urinary incontinence. The University of Iowa Gerontological Nursing Interventions Research Center Research Development and Dissemination Core. 1999.
- 16 Makinen, J. Urinary incontinence in women [Web Page]. 2004 May 21; Accessed 2004 Dec 30.

- 17 McCormick, K. A. and Palmer, M. H. Urinary incontinence in older adults. New York: Springer Publishing Company; pp. 25-53.
- 18 Medical Service Advisory Committee (MSAC). Sacral nerve stimulation for refractory urinary urge incontinence or urinary retention. 2000 Jun:1-45.
- 19 National Committee for Quality Assurance . Management of urinary incontinence in older adults. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance; 2004.
- 20 National Horizon Scanning Centre. Duloxetine for female stress urinary incontinence symptoms. New and Emerging Technology Briefing. 2003 Jan:1-5.
- 21 Tension free vaginal tape for urinary incontinence. New and Emerging Technology Briefing. 2000 Jan:1-6.
- 22 Registered Nurses Association of Ontario (RNAO). Promoting continence using prompted voiding. Nursing Best Practice Guideline. 2002 Jan.
- 23 Royal College of Obstetricians and Gynecologists (RCOG). Surgical treatment of urodynamic stress incontinence. RCOG Guideline. 2003 Oct; 35:1-9.
- 24 The American Urological Association Female Stress Urinary Incontinence Clinical Guidelines Panel. The surgical management of female stress urinary incontinence. American Urological Association. 1997 Jun:1-72.
- 25 The Canadian Continence Foundation. Canadian consensus conference on urinary incontinence: clinical practice guidelines for adults. 2001:1-31.
- 26 Tilvis, R. Urinary incontinence in the elderly [Web Page]. 2004 May 21; Accessed 2004 Dec 30.
- 27 University of Texas at Austin, School of Nursing Family Nurse Practitioner Program. Recommendations for the management of stress and urge urinary incontinence in women. Austin (TX): University of Texas at Austin, School of Nursing; 2002 May.
- 28 Veterans Health Administration, Department of Defense. VA/DoD clinical practice guideline for the management of stroke rehabilitation in the primary care setting. Washington (DC): Department of Veteran Affairs; 2003 Feb.
- 29 Weiss, B. D. Diagnostic evaluation of urinary incontinence in geriatric patients. Am Fam Physician. 1998 Jun; 57(11):2675-84, 2688-90.

Search Strategies

SEARCH #1a (INDICATOR – INITIAL EVALUATION)

Databases Searched & Time Period Covered: PUBMED – 1997-2004

Other Limiters: ENGLISH

Search Strategy: urinary incontinence OR incontinen*[tiab]

AND

evaluat* AND (initial OR annual)
Number of Items Retrieved: 213

SEARCH #1b (INDICATOR – PHYSICAL EXAMINATION):

Databases Searched & Time Period Covered: PUBMED – 1997-2004
Other Limiters: ENGLISH
Search Strategy: urinary incontinence OR incontinen*[tiab]
AND
physical examination OR check up OR checkup OR physical exam
Number of Items Retrieved: 263

SEARCH #1c (INDICATOR – MEDICAL HISTORY)

Databases Searched & Time Period Covered: PUBMED – 1997-2004
Other Limiters: ENGLISH
Search Strategy: urinary incontinence OR incontinen*[tiab]
AND
medical history taking OR history[tiab] OR diary OR diaries
Number of Items Retrieved: 674
[NOTE – Duplicates from the results of searches 1a,1b, & 1c were removed]

SEARCH #2 (INDICATORS – DIAGNOSTIC TECHNIQUES, TREATMENT OPTIONS, BEHAVIOR THERAPY, UROLOGIC SURGICAL PROCEDURES, INDWELLING CATHETER)

Databases Searched & Time Period Covered: PUBMED – 1997-2004
Other Limiters: ENGLISH
Search Strategy: urinary incontinence OR incontinen*[tiab]
AND
diagnostic techniques, urological OR diagnosis[sh] OR diagnos*[tiab] OR dipstick OR residual OR culture OR serum OR creatinine OR urodynamic* OR ((treat* OR therap*) AND (option OR options OR decision*)) OR behavior therapy OR behavio*[tiab] OR urologic surgical procedures OR surgery[sh] OR retropubic suspension OR tape OR taping OR sling OR artificial sphincter OR intrinsic sphincter deficiency OR indwelling catheter
AND
aged OR elderly OR old OR aging OR in process
NOT case report*
Number of Items Retrieved: 3222

Search #3

Databases: Google
Time period covered: 1998-2005
Search strategy: Urinary incontinence, continence, overactive bladder, urology, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged
Number of guidelines identified: 29

Guidelines and Quality Indicators Identified via Web Search

- 1 Guideline for the prevention of falls in older persons. American Geriatrics Society, British Geriatrics Society, and American Academy of Orthopedic Surgeons Panel on Falls Prevention. *J Am Geriatr Soc.* 2001 May; 49(5):664-72.
- 2 American Medical Directors Association (AMDA) . Falls and fall risk. *Clinical Practice Guideline.* 2003.
- 3 Centers for Disease Control and Prevention. CDC recommendations regarding selected conditions affecting women's health: prevention of falls and resulting hip fractures. *Morbidity and Mortality Weekly Report (MMWR).* 2000; 29(RR-2):1-12.
- 4 Department of Health. National guideline on prevention of falls of older persons. Government Communication and Information System (GCIS); 2000.
- 5 Editors. Falls of the elderly [Web Page]. 2001 Dec 30; Accessed 2004 Dec 30.
- 6 Feder, G.; Cryer, C.; Donovan, S., and Carter, Y. Guidelines for the prevention of falls in people over 65. The Guidelines' Development Group. *BMJ.* 2000 Oct 21; 321(7267):1007-11.
- 7 Health Care Association of New Jersey (HCANJ). Fall management guidelines. Hamilton, NJ: Health Care Association of New Jersey; 2003.
- 8 Health Plan of Nevada. Health plan of Nevada geriatric falls guidelines. Nevada: Health Plan of Nevada, Inc.; 1997.
- 9 Injury Advisory Committee. The assessment, management and prevention of falls in the elderly in the South Western Sydney area health service. *Clinical Practice Guidelines.*
- 10 National Collaborating Centre for Nursing and Supportive Care. *Clinical Guideline 21 Falls: the assessment and prevention of falls in older people.* London: National Institute for Clinical Excellence; 2004 Nov.
- 11 New Zealand Guidelines Group. Prevention of hip fracture amongst people aged 65 years and over. *Best Practice Evidenced-Based Guideline.* 2003 Jun.
- 12 Queensland Government. Falls prevention: best practice guidelines for public hospitals and state government residential aged care facilities incorporating a community integration supplement. Queensland Government; 2003(Quality Improvement and Enhancement Program).
- 13 Registered Nurses Association of Ontario (RNAO). Prevention of falls and fall injuries in the older adult. Toronto, Canada: Registered Nurses Association in Ontario; 2002.
- 14 Resnick, B. Preventing falls in acute care. Mezey, M.; Fulmer, T.; Abraham, I., and Zwicker, D. A. *Geriatric nursing protocols for best practice.* New York (NY): Springer Publishing Company, Inc.; 2003; pp. 141-164.

- 15 Salsbury Lyons, S. Fall prevention for older adults. The University of Iowa Gerontology Nursing Interventions Research Center Research Dissemination Core (RDC); 2004 Feb(Evidence-Based Protocol).
- 16 Scottish Intercollegiate Guidelines Network (SIGN). Clinical Guideline 56: Prevention and management of hip fracture in older people. 2002 Jan.

Search Strategies

Search #1. PubMed Search Strategies

("Accidental Falls"[MeSH] AND (Fall[TI] OR Falls[TI] OR falling[TI]))
 AND
 (screening OR assessment OR evaluation OR examination OR "blood pressure" OR
 "orthostatic blood pressure" OR vision OR "visual acuity" OR gait OR balance OR mobility
 OR medication OR "medication review" OR benzodiazepine OR "environmental assessment"
 OR "home assessment" OR "urinary incontinence" OR "cognitive impairment" OR "vitamin
 d" OR footwear OR shoes OR "hip protector" OR exercise OR "physical activity" OR
 "physical therapy" OR "balance training" OR "gait training" OR "strength training" OR
 endurance OR "assistive device" OR "self management" OR "self-management" OR "self
 efficacy" OR "self-efficacy" OR "fall clinic" OR "falls clinic")
 AND
 ("Geriatric Assessment"[MeSH] OR "Aged"[MeSH] OR "Frail Elderly"[MeSH] OR "Health
 Services for the Aged"[MeSH] OR "Aged, 80 and over"[MeSH] OR "Geriatrics"[MeSH] OR
 aged[TI] OR aging[TI] OR "elder care"[TI] OR elderly[TI] OR "elderly care"[TI] OR
 geriatric*[TI] OR "geriatric assessment"[TI] OR older[TI] OR senior[TI] OR gerontol*[TI])
 AND
 (("Clinical Trial"[Publication Type] OR "Clinical Trials"[MeSH] OR "Controlled Clinical
 Trial"[Publication Type]) OR ("Randomized Controlled Trial"[Publication Type] OR
 "Randomized Controlled Trials"[MeSH]) OR ("Prospective Studies"[MeSH] OR "Cohort
 Studies"[MeSH]) OR "Follow-Up Studies"[MeSH] OR "cohort study" OR "prospective
 study" OR "follow-up study" OR "randomized controlled trial" OR "clinical trial" OR
 ("Meta-Analysis"[MeSH] OR "Meta-Analysis"[Publication Type]) OR "Review"[Publication
 Type] OR "meta-analysis" OR "meta analysis" OR "systematic review")

Results: 484

Limits applied:

Publication Date: 1997-2005

Language: English

Subjects: Humans

Total PubMed Results: 314 (314 Results Downloaded to ProCite)

Cochrane Library Search Strategies

("geriatric assessment" or aged or "frail elderly" or "health services for the aged" or "aged, 80
 and over" or geriatric* or aged or aging or "elder care" or elderly or "elderly care" or
 "geriatric assessment" or older or senior or frail or geront*) in All Fields, from 1997 to 2005
 in Cochrane Reviews, DARE and CENTRAL
 AND
 "accidental falls" in All Fields or (fall or falls or falling) in Record Title, from 1997 to 2005
 in Cochrane Reviews, DARE and CENTRAL
 AND

("clinical trial" or "clinical trials" or "Controlled clinical trial" or "randomized controlled trials" or "prospective studies" or "cohort studies" or "follow-up studies" or "cohort study" or "prospective study" or "follow-up study" or "randomized controlled trial" or "clinical trial" or "meta-analysis" or "meta analysis" or "systematic review") in All Fields, from 1997 to 2005 in Cochrane Reviews, DARE and CENTRAL

Total Cochrane Results: 189 (*189 Results Downloaded to ProCite*)

Total Unique Records from PubMed and Cochrane Searches: 499

Search #2

Databases: Google

Time period covered: 1998-2005

Search strategy: malnutrition, nutrition, weight, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of guidelines identified: 9

Vision Impairment

Guidelines and Quality Indicators Identified via Web Search

- 1 Guideline for the prevention of falls in older persons. American Geriatrics Society, British Geriatrics Society, and American Academy of Orthopaedic Surgeons Panel on Falls Prevention. *J Am Geriatr Soc* 2001;49(5):664-72.
- 2 Preventive services.: Institute for Clinical Systems Improvement. 2004.
- 3 Recommendations for healthcare system and self-management education interventions to reduce morbidity and mortality from diabetes. *Am J Prev Med* 2002;22(4 Suppl):10-4.
- 4 Summary of policy recommendations for periodic health examinations. Leawood, KS: American Academy of Family Physicians. 2004.
- 5 VA Clinical Practice Guideline Screening for Glaucoma in the Primary Care Setting: Guideline Summary. Veterans Health Administration. 2001.
- 6 American Academy of Ophthalmology. Cataract in the adult eye. Preferred Practice Patterns 2001;
- 7 American Academy of Ophthalmology: The Eye M.D. Association. Age-related macular degeneration. American Academy of Ophthalmology. 2003.
- 8 American Academy of Ophthalmology: The Eye M.D. Association. Bacterial keratitis. American Academy of Ophthalmology. 2000.
- 9 American Academy of Ophthalmology: The Eye M.D. Association. Blepharitis. American Academy of Ophthalmology. 2003.

- 10** American Academy of Ophthalmology: The Eye M.D. Association. Comprehensive adult medical eye evaluation. American Academy of Ophthalmology. 2000.
- 11** American Academy of Ophthalmology: The Eye M.D. Association. Conjunctivitis. American Academy of Ophthalmology. 2003.
- 12** American Academy of Ophthalmology: The Eye M.D. Association. Corneal opacification and ectasia. American Academy of Ophthalmology. 2000.
- 13** American Academy of Ophthalmology: The Eye M.D. Association. Diabetic retinopathy. American Academy of Ophthalmology. 2003.
- 14** American Academy of Ophthalmology: The Eye M.D. Association. Dry eye syndrome. American Academy of Ophthalmology. 2003.
- 15** American Academy of Ophthalmology: The Eye M.D. Association. Idiopathic macular hole. American Academy of Ophthalmology. 2003.
- 16** American Academy of Ophthalmology: The Eye M.D. Association. Posterior vitreous detachment, retinal breaks, and lattice degeneration. American Academy of Ophthalmology. 2003.
- 17** American Academy of Ophthalmology: The Eye M.D. Association. Primary angle closure. American Academy of Ophthalmology. 2000.
- 18** American Academy of Ophthalmology: The Eye M.D. Association. Primary open-angle glaucoma: limited revision. American Academy of Ophthalmology. 2003.
- 19** American Academy of Ophthalmology: The Eye M.D. Association. Primary open-angle glaucoma suspect: limited revision. American Academy of Ophthalmology. 2002.
- 20** American Academy of Ophthalmology: The Eye M.D. Association. Refractive errors. American Academy of Ophthalmology. 2002.
- 21** American Academy of Ophthalmology: The Eye M.D. Association. Vision rehabilitation for adults. American Academy of Ophthalmology. 2001.
- 22** American Medical Directors Association (AMDA) . Managing diabetes in the long-term care setting. Clinical Practice Guideline 2002;
- 23** American Optometric Association (AOA). Optometric clinical practice guideline: care of the patient with conjunctivitis. 2002.
- 24** American Optometric Association (AOA). Optometric clinical practice guideline: care of the patient with presbyopia. 1998.
- 25** American Optometric Association Consensus Panel. Care of the adult patient with cataract. Optometric Clinical Practice Guideline 1999;

- 26** American Optometric Association Consensus Panel on Comprehensive Adult Eye and Vision Examination. Comprehensive adult eye and vision examination. Optometric Clinical Practice Guideline 1997;
- 27** Cavallerano J, Cooppan R. Care of the patient with diabetes mellitus. Optometric Clinical Practice Guideline 2002;
- 28** EBM Guideline editors. Cataract. EBM Guidelines 2004;
- 29** Fong DS, Aiello L, Gardner TW, et al. Retinopathy in diabetes. Diabetes Care 2004;27 Suppl 1:S84-7.
- 30** Hyvarinen L. Assessment of visual impairment and disability. EBM Guidelines 2004;
- 31** Kresevic DM, Mezey M. Assesment of function. In: Mezey M, Fulmer T, Abraham I, Zwicker DA. Geriatric nursing protocols for best practice. New York (NY): Springer Publishing Company, Inc.; 2003. p. 31-46.
- 32** Laatikainen L, Summanen P. Diabetic eye diseas, with special reference to diabetic retinopathy. EBM Guidelines 2004;
- 33** Lee P, Asch S. Cataracts. In: Kerr E, Asch S, Hamilton E, McGlynn Ee. Quality of Care for General Medical Conditions: A Review of the Literature and Quality Indicators. Santa Monica, CA: RAND; 2000.
- 34** Lewis TL, Barnebey HS, Bartlett JD, Blume AJ, Fingeret M, Lalle PA, et al. Optometric clinical practice guideline care of the patient with open angle glaucoma. St. Louis, MO: American Optometric Association (AOA). 2002.
- 35** National Committee for Quality Assurance . Glaucoma screening in older adults. HEDIS 2005 Technical Specifications. Washington, D.C.: National Committee for Quality Assurance. 2004.
- 36** Office of Quality and Performance. VHA/DOD guideline for management of diabetes mellitus in primary care- guideline summary.: FY 2005 VHA Performance Measure Technical Manual. 2005.
- 37** Salsbury Lyons S. Fall prevention for older adults. The University of Iowa Gerontology Nursing Interventions Research Center Research Dissemination Core (RDC). 2004.
- 38** Summanen P. Age-related macular degeneration (ARMD). EBM Guidelines 2004;
- 39** Summanen P, Setala K. Impaired vision. EBM Guidelines 2004;
- 40** Tuulonen A. Glaucoma. EBM Guidelines 2004;
- 41** U.S. Preventive Services Task Force. Screening for glaucoma. In: Guide to Clinical Preventive Services. Rockville, MD: Agency for Healthcare Research and Quality; 2005.

Search Strategies

Search #1

Databases: Google

Time period covered: 1998-2005

Search strategy 1A (terms): Vision, vision impairment, cataract, glaucoma, macular degeneration, blepharitis, conjunctivitis, dry eye syndrome, presbyopia, bacterial keratitis, diabetic retinopathy, retinopathy, diabetes mellitus, clinical practice guideline, quality indicator, quality measure, elderly, geriatric, aged

Number of articles identified: 41