Appendix A. CER Report and Journal Articles

**Table A1. Comparative Effectiveness Reviews selected for utilization monitoring**

| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
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| **Year (number selected)** |  |  |
| **2009 (3)** |  |  |
| Hartmann KE, McPheeters ML, Biller DH, Ward RM, McKoy JN, Jerome RN, Micucci SR, Meints L, Fisher JA, Scott TA, Slaughter JC, Blume JD. Treatment of Overactive Bladder in Women. Evidence Report/Technology Assessment No. 187 (Prepared by the Vanderbilt Evidence-based Practice Center under Contract No. 290-2007-10065-I). AHRQ Publication No. 09-E017. Rockville, MD: Agency for Healthcare Research and Quality. August 2009. | All EPC CERs | None identified;Cited as the primary source in AUA/SUFA Guideline: Gormley E, Lightner DJ, Burgio KL, et al. Diagnosis and treatment of overactive bladder (non-neurogenic) in adults: AUA/SUFU guideline. The Journal of Urology. 2012. |
| Sharma M, Ansari MT, Soares-Weiser K, Abou-setta AM, Ooi TC, Sears M, Yazdi F, Tsertsvadze A, Moher D. Comparative Effectiveness of Lipid-Modifying Agents. Comparative Effectiveness Review No. 16. (Prepared by the University of Ottawa Evidence-based Practice Center under contract No. 290-02-0021.) Rockville, MD: Agency for Healthcare Research and Quality. September 2009. | Web Utilization Project | Sharma M, Ansari MT, Abou-Setta AM, et al. Systematic review: comparative effectiveness and harms of combination therapy and monotherapy for dyslipidemia. Ann Intern Med. 2009 Nov 3;151(9):622-30. PMID 19884623.Sharma M. Combination therapy for dyslipidemia. Current opinion in cardiology. 2011;26(5):420-3. |
| Bruening W, Schoelles K, Treadwell J, Launders J, Fontanarosa J, Tipton K. Comparative Effectiveness of Core-Needle and Open Surgical Biopsy for the Diagnosis of Breast Lesions. Comparative Effectiveness Review No. 19. (Prepared by ECRI Institute Evidence-based Practice Center under Contract No. 290-02-0019.) Rockville, MD: Agency for Healthcare Research and Quality. December 2009. | Web Utilization Project | Bruening, W., et al. "Systematic review: comparative effectiveness of core-needle and open surgical biopsy to diagnose breast lesions." Ann Intern Med 2010;152(4): 238-246. |

| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
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| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| **2010 (3)** |  |  |
| Whitlock EP, O’Connor EA, Williams SB, Beil TL, Lutz KW. Effectiveness of Primary Care Interventions for Weight Management in Children and Adolescents: An Updated, Targeted Systematic Review for the USPSTF. Evidence Synthesis No. 76. AHRQ Publication No. 10-05144-EF-1. Rockville, MD: Agency for Healthcare Research and Quality, January 2010. | Web Utilization Project | Whitlock EP, O'Connor EA, Williams SB, et al. Effectiveness of weight management interventions in children: a targeted systematic review for the USPSTF. Pediatrics. 2010 Feb;125(2):e396-418. PMID 20083531. |
| Dryden DM, Spooner CH, Stickland MK, Vandermeer B, Tjosvold L, Bialy L, Wong K, Rowe BH. Exercise-Induced Bronchoconstriction and Asthma. Evidence Report/Technology Assessment No. 189 (Prepared by the University of Alberta Evidence-based Practice Center under Contract No. 290-2007-10021-I) AHRQ Publication No. 10-E001. Rockville, MD: Agency for Healthcare Research and Quality. January 2010 (Web site posting); revised March 2010. | All EPC CERs | Stickland MK, Rowe BH, Spooner CH, et al. Accuracy of eucapnic hyperpnea or mannitol to diagnose exercise-induced bronchoconstriction: a systematic review. Annals of Allergy, Asthma & Immunology. 2011;107(3):229-34. e8. Stickland MK, Rowe BH, Spooner CH, et al. Effect of warm-up exercise on exercise-induced bronchoconstriction. Med Sci Sports Exerc. 2012;44(3):383-91.Stickland MK, Spooner CH, Dryden DM, et al. The need for standardization in exercise challenge testing for exercise-induced asthma/bronchoconstriction. J Allergy Clin Immunol. 2010 Oct;126(4):878-80 e6. PMID 20920779. |
| Seida J, Schouten J, Mousavi S, Tjosvold L, Vandermeer B, Milne A, Bond K, Hartling L, LeBlanc C, Sheps D. Comparative Effectiveness of Nonoperative and Operative Treatment for Rotator Cuff Tears. Comparative Effectiveness Review No. 22. (Prepared by the University of Alberta Evidence-based Practice Center under Contract No. 290-02-0023.) AHRQ Publication No. 10-EHC050. Rockville, MD: Agency for Healthcare Research and Quality. July 2010. | All EPC CERs | Seida JC, LeBlanc C, Schouten JR, et al. Systematic review: nonoperative and operative treatments for rotator cuff tears. Ann Intern Med. 2010 Aug 17;153(4):246-55. PMID 20621893. |

| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
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| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| **2011 (6)** |  |  |
| Bennett WL, Wilson LM, Bolen S, Maruthur N, Singh, S, Chatterjee R, Marinopoulos SS, Puhan MA, Ranasinghe P, Nicholson WK, Block L, Odelola O, Dalal DS, Ogbeche GE, Chandrasekhar A, Hutfless S, Bass EB, Segal JB. Oral Diabetes Medications for Adults With Type 2 Diabetes: An Update. Comparative Effectiveness Review No. 27. (Prepared by Johns Hopkins University Evidence-based Practice Center under Contract No. 290-02-0018.) AHRQ Publication No. 11-EHC038-EF. Rockville, MD: Agency for Healthcare Research and Quality. March 2011. | Web Utilization Project | Bennett WL, Maruthur NM, Singh S, et al. Comparative effectiveness and safety of medications for type 2 diabetes: an update including new drugs and 2-drug combinations. Ann Intern Med. 2011 May 3;154(9):602-13. PMID 21403054. |
| Sanders GD, Coeytaux R, Dolor RJ, Hasselblad V, Patel UD, Powers B, Yancy Jr WS, Gray RN, Irvine RJ, Kendrick A. Angiotensin-Converting Enzyme Inhibitors (ACEIs), Angiotensin II Receptor Antagonists (ARBs), and Direct Renin Inhibitors for Treating Essential Hypertension: An Update. Comparative Effectiveness Review No. 34. (Prepared by the Duke Evidence-based Practice Center under Contract No. 290-02-0025.) AHRQ Publication No. 11-EHC063-EF. Rockville, MD: Agency for Healthcare Research and Quality. June 2011. | Web Utilization Project | Powers BJ, Coeytaux RR, Dolor RJ, et al. Updated report on comparative effectiveness of ACE inhibitors, ARBs, and direct renin inhibitors for patients with essential hypertension: much more data, little new information. J Gen Intern Med. 2012 Jun;27(6):716-29. PMID 22147122.Powers B, Greene L, Balfe LM. Updates on the treatment of essential hypertension: a summary of AHRQ’s comparative effectiveness review of angiotensin-converting enzyme inhibitors, angiotensin ii receptor blockers, and direct renin inhibitors. Journal of Managed Care Pharmacy. 2011;17(8). |
| Ip S, Chung M, Moorthy D, Yu WW, Lee J, Chan JA, Bonis PA, Lau J. Comparative Effectiveness of Management Strategies for Gastroesophageal Reflux Disease: Update. Comparative Effectiveness Review No. 29. (Prepared by Tufts Medical Center Evidence-based Practice Center under Contract No. 290-2007-10055-I.) AHRQ Publication No. 11-EHC049-EF. Rockville, MD: Agency for Healthcare Research and Quality. September 2011. | Web Utilization Project | None identified |
| Chou R, McDonagh MS, Nakamoto E, Griffin J. Analgesics for Osteoarthritis: An Update of the 2006 Comparative Effectiveness Review. Comparative Effectiveness Review No. 38. (Prepared by the Oregon Evidence-based Practice Center under Contract No. 290 2007 10057 I) AHRQ Publication No. 11(12)-EHC076-EF. Rockville, MD: Agency for Healthcare Research and Quality. October 2011. | Web Utilization Project | None identified |

| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
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| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| Butler M, Bliss D, Drekonja D, Filice G, Rector T, MacDonald R, Wilt T. Effectiveness of Early Diagnosis, Prevention, and Treatment of *Clostridium difficile* Infection. Comparative Effectiveness Review No. 31. (Prepared by the Minnesota Evidence-based Practice Center under Contract No. 290-02-0009.) AHRQ Publication No. 11(12)-EHC051-EF. Rockville, MD: Agency for Healthcare Research and Quality. December 2011. | Web Utilization Project | Drekonja DM, Butler M, MacDonald R, et al. Comparative effectiveness of Clostridium difficile treatments: a systematic review. Ann Intern Med. 2011 Dec 20;155(12):839-47. PMID 22184691. |
| Gartlehner G, Hansen RA, Morgan LC, Thaler K, Lux LJ, Van Noord M, Mager U, Gaynes BN, Thieda P, Strobelberger M, Lloyd S, Reichenpfader U, Lohr KN. Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression: An Update of the 2007 Comparative Effectiveness Review. (Prepared by the RTI International–University of North Carolina Evidence-based Practice Center, Contract No. 290-2007-10056-I.) AHRQ Publication No. 12-EHC012-EF. Rockville, MD: Agency for Healthcare Research and Quality. December 2011. | Web Utilization Project | Gartlehner G, Hansen RA, Morgan LC, et al. Comparative benefits and harms of second-generation antidepressants for treating major depressive disorder: an updated meta-analysis. Ann Intern Med. 2011 Dec 6;155(11):772-85. PMID 22147715.Thaler KJ, Morgan LC, Van Noord M, et al. Comparative effectiveness of second-generation antidepressants for accompanying anxiety, insomnia, and pain in depressed patients. Depression and anxiety. 2012;29(6):495-505.Morgan L, Gartlehner G. Comparative efficacy, effectiveness and harms of second-generation antidepressants in the pharmacologic treatment of adult depression. European Psychiatry. 2011;26:1266.Morgan L, Gartlehner G. Comparative benefits and harms of second-generation antidepressants in the pharmacologic treatment of depression in older adults and populations with comorbid conditions. European Psychiatry. 2012;27:1. |

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| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| **2012 (9)** |  |  |
| Seida JC, Schouten JR, Mousavi SS, Hamm M, Beaith A, Vandermeer B, Dryden DM, Boylan K, Newton AS, Carrey N. First- and Second-Generation Antipsychotics for Children and Young Adults. Comparative Effectiveness Review No. 39. (Prepared by the University of Alberta Evidence-based Practice Center under Contract No. 290-2007-10021.) AHRQ Publication No. 11(12)-EHC077-EF. Rockville, MD. Agency for Healthcare Research and Quality. February 2012. | Web Utilization Project | Seida JC, Schouten JR, Boylan K, et al. Antipsychotics for children and young adults: a comparative effectiveness review. Pediatrics. 2012 Mar;129(3):e771-84. PMID 22351885. |
| Crandall CJ, Newberry SJ, Gellad WG, Diamant A, Lim YW, Suttorp M, Motala A, Ewing B, Roth B, Timmer M, Shanman R, Shekelle PG. Treatment to Prevent Fractures in Men and Women with Low Bone Density or Osteoporosis: Update of a 2007 Report. Comparative Effectiveness Review No. 53. (Prepared by Southern California Evidence-based Practice Center under Contract No. -290-2007-10062-I.) Rockville, MD: Agency for Healthcare Research and Quality; March 2012. | All EPC CERs | None identified |
| Donahue KE, Jonas DE, Hansen RA, Roubey R, Jonas B, Lux LJ, Gartlehner G, Harden E, Wilkins T, Peravali V, Bangdiwala SI, Yuen A, Thieda P, Morgan LC, Crotty K, Desai R, Van Noord M. Drug Therapy for Rheumatoid Arthritis in Adults: An Update. Comparative Effectiveness Review No. 55. (Prepared by RTI-UNC Evidence-based Practice Center under Contract No. 290-02-0016-I.) Rockville, MD: Agency for Healthcare Research and Quality. April 2012. | Web Utilization Project | Desai RJ, Hansen RA, Rao JK, et al. Mixed treatment comparison of the treatment discontinuations of biologic disease-modifying antirheumatic drugs in adults with rheumatoid arthritis. The Annals of pharmacotherapy. 2012;46(11):1491-505.Donahue KE, Jonas DE, Hansen RA, et al. Clinical and Self-Reported Scales and Instruments Commonly Used in Studies of Drug Therapy for Rheumatoid Arthritis and Psoriatic Arthritis. 2012. |
| Donahue KE, et al., Drug Therapy for Rheumatoid Arthritis in Adults: An Update. Comparative Effectiveness Review No. 55. (Prepared by RTI-UNC Evidence-based Practice Center under Contract No. 290-02-0016-I.) Rockville, MD: Agency for Healthcare Research and Quality. April 2012. | All EPC CERs | None identified. |
| Seely D, Kanji S, Yazdi F, Tetzlaff J, Singh K, Tsertsvadze A, Sears ME, Tricco A, Ooi TC, Turek M, Tsouros S, Skidmore B, Daniel R, Ansari MT. Dietary Supplements in Adults Taking Cardiovascular Drugs. Comparative Effectiveness Review No. 51. (Prepared by the University of Ottawa Evidence-based Practice Center under Contract No. 290-2007-10059-I.) AHRQ Publication No. 12-EHC021-EF. Rockville, MD: Agency for Healthcare Research and Quality. April 2012 | All EPC CERs | Kanji S, Seely D, Yazdi F, et al. Interactions of commonly used dietary supplements with cardiovascular drugs: a systematic review. Syst Rev. 2012;1:26. PMID 22651380. |

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| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| Shamliyan T, Wyman J, Kane RL. Nonsurgical Treatments for Urinary Incontinence in Adult Women: Diagnosis and Comparative Effectiveness. Comparative Effectiveness Review No. 36. (Prepared by the University of Minnesota Evidence-based Practice Center under Contract No. 290-2007-10064-I.) AHRQ Publication No. 11(12)-EHC074- EF. Rockville, MD. Agency for Healthcare Research and Quality. April 2012. | MN | Shamliyan T, Wyman JF, Ramakrishnan R, et al. Benefits and harms of pharmacologic treatment for urinary incontinence in women: a systematic review. Ann Intern Med. 2012 Jun 19;156(12):861-74, W301-10. PMID 22711079 |
| Shamliyan TA, Kane RL, Wyman J, et al. Results availability from clinical research of female urinary incontinence. Neurourol Urodyn. 2012 Jan;31(1):22-9. PMID 22038753. |
| Hong H, Carlin BP, Shamliyan TA, et al. Comparing bayesian and frequentist approaches for multiple outcome mixed treatment comparisons. Med Decis Making. 2013 Jul;33(5):702-14. PMID 23549384. |
| Golden SH, Brown T, Yeh HC, Maruthur N, Ranasinghe P, Berger Z, Suh Y, Wilson LM, Haberl EB, Bass EB. Methods for Insulin Delivery and Glucose Monitoring: Comparative Effectiveness. Comparative Effectiveness Review No. 57. (Prepared by Johns Hopkins University Evidence-based Practice Center under Contract No. 290-2007-10061-I.) AHRQ Publication No. 12-EHC036-EF. Rockville, MD: Agency for Healthcare Research and Quality. July 2012. | All EPC CERs | Yeh HC, Brown TT, Maruthur N, et al. Comparative effectiveness and safety of methods of insulin delivery and glucose monitoring for diabetes mellitus: a systematic review and meta-analysis. Ann Intern Med. 2012 Sep 4;157(5):336-47. PMID 22777524. |
| Golden SH, Sapir T. Methods for insulin delivery and glucose monitoring in diabetes: summary of a comparative effectiveness review. J Manag Care Pharm. 2012 Aug;18(6 Suppl):S1-17. PMID 22984955. |
| Hartling L, Dryden DM, Guthrie A, Muise M, Vandermeer B, Aktary WM, Pasichnyk D, Seida JC, Donovan L. Screening and Diagnosing Gestational Diabetes Mellitus. Evidence Report/Technology Assessment No. 210. (Prepared by the University of Alberta Evidence-based Practice Center under Contract No. 290-2007-10021-I.) AHRQ Publication No. 12(13)-E021-EF. Rockville, MD: Agency for Healthcare Research and Quality. October 2012. | All EPC CERs | Donovan L, Hartling L, Muise M, et al. Screening tests for gestational diabetes: a systematic review for the u.s. Preventive services task force. Ann Intern Med. 2013 Jul 16;159(2):115-22. PMID 23712349.Hartling L, Dryden DM, Guthrie A, et al. Benefits and Harms of Treating Gestational Diabetes Mellitus: A Systematic Review and Meta-analysis for the U.S. Preventive Services Task Force and the National Institutes of Health Office of Medical Applications of Research. Ann Intern Med. 2013 Jul 16;159(2):123-9. PMID 23712381. |
| Shamliyan TA, Wang S-Y, Olson-Kellogg B, Kane RL. Physical Therapy Interventions for Knee Pain Secondary to Osteoarthritis. Comparative Effectiveness Review No.77. (Prepared by the Minnesota Evidence-based Practice Center under Contract No. 290-2007-10064-I.) AHRQ Publication No. 12(13)-EHC115-EF. Rockville, MD: Agency for Healthcare Research and Quality; November 2012. | MN | Wang SY, Olson-Kellogg B, Shamliyan TA, et al. Physical therapy interventions for knee pain secondary to osteoarthritis: a systematic review. Ann Intern Med. 2012 Nov 6;157(9):632-44. PMID 23128863. |
| Wilt TJ, MacDonald R, Ouellette J, Tacklind J, Khawaja I, Rutks I, Butler M, Fink HA. Treatment for Restless Legs Syndrome. Comparative Effectiveness Review No. 86. (Prepared by the Minnesota Evidence-based Practice Center under Contract No. 290-2007-10064-I.) AHRQ Publication No. 12(13)-EHC147-EF. Rockville, MD: Agency for HealthcareResearch and Quality. November 2012. | MN | Wilt TJ, MacDonald R, Ouellette J, et al. Pharmacologic therapy for primary restless legs syndrome: a systematic review and meta-analysis. JAMA Intern Med. 2013 Apr 8;173(7):496-505. PMID 23460396. |

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| **Table A1. Comparative Effectiveness Reviews selected for utilization monitoring (continued)** |
| **Report Citation** | **Selection Reason** | **Journal Article(s); Comments** |
| **2013 (1)** |  |  |
| Lin SY, Erekosima N, Suarez-Cuervo C, Ramanathan M, Kim JM, Ward D, Chelladurai Y, Segal JB. Allergen-Specific Immunotherapy for the Treatment of Allergic Rhinoconjunctivitis and/or Asthma: Comparative Effectiveness Review. Comparative Effectiveness Review No. 111. (Prepared by the Johns Hopkins University Evidence-based Practice Center under Contract No. 290-2007-10061-I.) AHRQ Publication No. 13-EHC061-EF. Rockville, MD: Agency for Healthcare Research and Quality. March 2013. Errata added May and August 2013. | Web Utilization Project | Erekosima N, Suarez-Cuervo C, Ramanathan M, et al. Effectiveness of subcutaneous immunotherapy for allergic rhinoconjunctivitis and asthma: A Systematic Review. Laryngoscope. 2013 Jul 6PMID 23832632. |
| Kim JM, Lin SY, Suarez-Cuervo C, et al. Allergen-specific immunotherapy for pediatric asthma and rhinoconjunctivitis: a systematic review. Pediatrics. 2013 Jun;131(6):1155-67. PMID 23650298. |
| Lin SY, Erekosima N, Kim JM, et al. Sublingual immunotherapy for the treatment of allergic rhinoconjunctivitis and asthma: a systematic review. JAMA. 2013 Mar 27;309(12):1278-88. PMID 23532243. |