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## RECENT PUBLICATIONS

The following is a list of papers published since our Spring 2012 newsletter. Sponsors can request copies by contacting Amy Stern at [astern@tuftsmedicalcenter.org](mailto:astern@tuftsmedicalcenter.org).

Barshes NR, Chambers JD, Cohen J, Belkin M. Cost-effectiveness in the contemporary management of critical limb ischemia with tissue loss. *Journal of Vascular Surgery*. 2012 October;56(4):1015-1024. PMID: 22854267.

Barshes NR, Chambers JD, Cantor SB, et al. A primer on cost-effectiveness analyses for vascular surgeons. *Journal of Vascular Surgery*. 2012 June;55(6):1794-800. PMID: 22608043.

Doshi JA, Hodgkins P, Kahle J,

## Director's Letter

Dear Colleagues,

Post-election budget talks provide an opening for serious discussion of Medicare reforms. In a recent *New England Journal of Medicine* piece, my colleague James Chambers and I observe that one area to consider is existing legislation stipulating that Medicare shall not cover items and services that are not "reasonable and necessary." We argue that the wording of the existing statute is vague and has actually constrained Medicare's ability to conduct value-based purchasing for technologies.



It has been a busy time for our Center. Our Cost-Effectiveness Analysis Registry ([www.cearegistry.org](http://www.cearegistry.org)) continues to expand (see below). In June, we learned that we were among a group of consortium partners to win a Centers for Medicare and Medicaid Services Innovation Award to evaluate patient-centered electronic medical records. Our October webinar on the FDA's Oversight of Health Economic Promotions sold out and was featured in the October 15th issue of the Pink Sheet.

Since our last newsletter, CEVR staff members have presented at over a dozen meetings and conferences, including at the 2012 FDI Annual World Dental Congress, the Food and Drug Law Institute's Advertising and Promotion Conference, AdvaMed's 2012 Med Tech Conference, the Alzheimer's Association International Conference, and ISPOR's 5th Asia-Pacific Conference in Hong Kong. We have also authored or co-authored 11 new publications, including a commentary on risk assessment in the September 6th issue of *Nature* co-authored by my colleague Josh Cohen.

If you haven't already, make sure to **Follow Us** on Twitter or **Like Us** on Facebook. Plus, don't forget to **read our blog** for more frequent updates on **CEVR's papers** as well as information on recently

Sikirica V, Cangelosi MJ, Setyawan J, Erder MH, Neumann PJ. Economic impact of childhood and adult ADHD in the United States. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2012 October; 51(10):990-1002. PMID: 23021476.

Geisler BP, Egan BM, Cohen JT, et al. Cost-effectiveness and clinical effectiveness of catheter-based renal denervation for resistant hypertension. *Journal of the American College of Cardiology* 2012 October 2;60(14):1271-7. PMID: 22981547.

Gray, GM, Cohen, JT. A call to rethink chemical risk assessments. *Nature*. 2012 September 6; 489:27-28. PMID: 22955594.

Luce BR, Drummond MF, Dubois RW, Neumann PJ, et al. Principles for planning and conducting comparative effectiveness research. *Journal of Comparative Effectiveness Research*. 2012; 1(5): 431-440.

Miller G, Cohen JT, Roehrig C. Cost-Effectiveness of Cardiovascular Disease Spending. *J Am Coll Cardiol*. 2012;60(20):2123-2124. PMID: 23137531.

Neumann, PJ, Bliss, SK. FDA Actions Against Health Economic Promotions, 2002–2011. *Value in Health*. September 2012; 15(6): 948-953. PMID: 22999146.

Neumann PJ, Chambers JD. Medicare's enduring struggle to define "Reasonable and Necessary" care. *New England Journal of Medicine*. Perspective. October 31, 2012. PMID: 23113832.

published cost utility analyses and other noteworthy news on cost-effectiveness in health care.

Regards,

Peter Neumann, Sc.D.

Director

## Research Highlights



### Medicare's Enduring Struggle to Define "Reasonable and Necessary" Care

In the November 8th issue of the *New England Journal of Medicine*, Drs. Peter Neumann and James Chambers authored a Perspective arguing that Medicare has been stymied

by the wording of existing legislation mandating that the program not pay for items and services that are not "reasonable and necessary."

### FDA Actions Against Health Economic Promotions, 2002–2011

Dr. Peter Neumann and former CEVR staff member Sarah Bliss authored a paper in the September 2012 issue of *Value in Health* on the FDA's oversight of health economic promotions. We found that the FDA issued 35 regulatory actions against health economic promotions from 2002-2011, but has never issued one pertaining to an infringement of FDAMA Section 114.

### A Call to Rethink Chemical Risk Assessments

In the September 6th issue of *Nature*, Dr. Josh Cohen and his colleague Dr. George Gray co-authored a commentary explaining the problems facing the Environmental Protection Agency's Integrated Risk Information System, which produces and catalogs chemical toxicity estimates used by a broad range of decision makers.

### Economic Impact of Childhood and Adult ADHD in the U.S.

CEVR's Michael Cangelosi and Dr. Peter Neumann were among a team of researchers who published a paper in the October issue of the *Journal of the American Academy of Child and Adolescent Psychiatry* on the societal costs of ADHD. The team examined a range of economic impacts, including health care costs, productivity and income losses, and educational and justice system costs resulting from both pediatric and adult ADHD.

O'Grady MJ, John P, Winn A. Substantial Medicare savings may result if insurers cover 'artificial pancreas' sooner for diabetes patients. Health Affairs. 2012 August 31. PMID: 22869661.

Otero HJ, Chambers JD, Bresnahan BW, et al. Medicare's National Coverage Determinations in Diagnostic Radiology: Examining Evidence and Setting Limits. Academic Radiology. 2012 September;19(9):1060-5. PMID: 22748382.

## CEA Registry Updates

The Cost-Effectiveness Analysis Registry ([www.cearegistry.org](http://www.cearegistry.org)) now includes more than 3,100 cost-utility analyses and catalogs information on over 8,300 cost-effectiveness ratios and more than 11,500 utility weights published through spring 2012. Our website is on track to receive 33,000 visits and over 250,000 pageviews for the year, up about 20% since 2011.



## CEVR's Webinar Series

CEVR is continuing our webinar series. **Check out our website** for updates on the dates and times for our next three webinars.

- 'Imputing productivity benefits from clinical trial data' led by *Dr. Josh Cohen*
- 'Economics of mild cognitive impairment' by led *Dr. Pei-Jung Lin*
- 'Is CMS coverage for medical technology more restrictive than corresponding FDA approval?' led by *Dr. James Chambers*

## Staff Updates

In June, *Cayla Saret, B.A.* joined CEVR as a Research Assistant. Cayla received a B.A. in Biology from Brown University. In August, *Julie Lannon, B.S.* joined CEVR as an Administrative Assistant. Julie received a B.S. in Biology from Simmons College. *Yue (Wendy) Zhong, Ph.D.* became CEVR's first Bayer Post Doctoral Fellow in September. She holds a Bachelor of Medicine from West China Medical Center, Sichuan University and a PhD in Health Services Research from the University of Florida. Also in September, *Junhee Pyo, M.S.* joined CEVR as a Research Associate. She holds a M.S. in pharmacy from Seoul National University, Korea and a S.M. from Harvard in pharmacoepidemiology.

## Sponsorship

CEVR's sponsorship program is continually expanding. Included among CEVR's sponsorship benefits are full access to our Cost-Effectiveness Analysis Registry and our database of Medicare National Coverage Decisions, free attendance at our webinars and invitations to our invite-only Annual Data and Value Strategy Data User's meeting. For a detailed list of all of CEVR's sponsorship benefits, visit the

**Premium Access** section of our website. To become a sponsor, contact Amy Stern at [astern@tuftsmedicalcenter.org](mailto:astern@tuftsmedicalcenter.org).

## Job Opportunity

CEVR is looking to hire a Research Assistant who will primarily work on a project to develop and maintain a database of coverage determinations issued by Medicare's regional contractors. For more information on the position or to apply, please visit the **Tufts Medical Center employment page**.

Questions about CEVR? Email us at [cevr@tuftsmedicalcenter.org](mailto:cevr@tuftsmedicalcenter.org)

Questions about CEA Registry? Email us at [cea@tuftsmedicalcenter.org](mailto:cea@tuftsmedicalcenter.org).

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