



High Value Care Resources

Online Curriculum and Additional Training Opportunities:

- For faculty/residents: <https://hvc.acponline.org/curriculum.html>

The High Value Care Curriculum (HVC) was jointly developed by American College of Physicians (ACP) and the Alliance for Academic Internal Medicine (AAIM) to train physicians to be good stewards of limited health care resources. Materials include powerpoint presentations, handouts, and cases.

- Interactive Learning Modules from Dell Medical School - Discovering Value-Based Health Care: <https://vbhc.dellmed.utexas.edu/>

Free courses with practical application of high value care in day-to-day patient care. Registration is required, content provided at no cost.

- For medical students: <https://aquifer.org/courses/high-value-care/>

Formerly MedU, now Aquifer. Online modules geared towards medical students. Most medical students already have access, free access for 2018-19 year. Educators can request access. Currently 12 cross-disciplinary cases that are adapted from the ACP HVC curriculum.

- Value conversations series: <http://costsofcare.org/value-conversations-modules/>

Four videos, ~10 minutes each, on how to talk to patients and other providers about high value care and value recommendations. Requires you to "sign up" on the doctors channel, or enter in an email address at least.

Online Resources:

Choosing Wisely Website: <http://www.choosingwisely.org/>

Teaching Value in Health Care – Google group (must request access):
<https://plus.google.com/u/0/communities/117569258202484418469?cfem=1>

Costs of Care: <http://www.costsofcare.org/>

High Value Practice Academic Alliance: <http://hvpaa.org/>

Providers for Responsible Ordering: <http://www.providersforresponsibleordering.org/home>

Johns Hopkins One Minute Guides to High Value Care -- Brief evidence-based review of small topics (Hepatitis C, Cdiff, Folate testing)

<https://medicine-matters.blogs.hopkinsmedicine.org/tag/one-minute-guides/>

American College of Radiology - Appropriateness Criteria -- what imaging to get and when:

<https://www.acr.org/Clinical-Resources/ACR-Appropriateness-Criteria>

Do No Harm Project, University of Colorado:

<https://tinyurl.com/kdpvemb>

Johns Hopkins High Value Care resources:

<https://tinyurl.com/y9sovvss>

One Minute Guides JHU:

<https://medicine-matters.blogs.hopkinsmedicine.org/tag/one-minute-guides/>

Health Care Blue Book (cost information):

<https://www.healthcarebluebook.com/>

Neat widget by the IOM Illustration of healthcare waste

<http://resources.nationalacademies.org/widgets/vsrt/healthcare-waste.html?keepThis=true&>

Health System Dashboard

How well is the U.S. health system performing? Explore a variety of indicators of health spending, quality of care, access, and health outcomes from The Peterson Center on Healthcare and the Kaiser Family Foundation.

<https://www.healthsystemtracker.org/dashboard/>

Literature Series Supporting High Value Care:

Journal of Hospital Medicine - Things We Do For No Reason (Series, Editor Leonard Feldman)

Cleveland Clinic JOM - Smart Testing

JAMA Internal Medicine Teachable Moments Series and Less is More

Popular Reading:

Atul Gawande - The New Yorker - The Cost Conundrum (1999):
<http://www.newyorker.com/magazine/2009/06/01/the-cost-conundrum>

Atul Gawande - The New Yorker - Overkill (2015):
<https://www.newyorker.com/magazine/2015/05/11/overkill-atul-gawande>

Publications:

Weinberger SE. Providing High-Value, Cost-Conscious Care: A Critical Seventh General Competency for Physicians. *Ann Intern Med.* 2011;155:386–388. doi: 10.7326/0003-4819-155-6-201109200-00007
<https://tinyurl.com/y9vr6sjr>

Weinberger, Steven E. “Providing High-Value, Cost-Conscious Care: A Critical Seventh General Competency for Physicians.” *Annals of Internal Medicine* 155, no. 6 (September 20, 2011): 386–88. doi:10.7326/0003-4819-155-6-201109200-00007.
<https://www.ncbi.nlm.nih.gov/pubmed/21930856>

Qaseem, Amir, Patrick Alguire, Paul Dallas, Lawrence E. Feinberg, Faith T. Fitzgerald, Carrie Horwitch, Linda Humphrey, et al. “Appropriate Use of Screening and Diagnostic Tests to Foster High-Value, Cost-Conscious Care.” *Annals of Internal Medicine* 156, no. 2 (January 17, 2012): 147–49. doi:10.7326/0003-4819-156-2-201201170-00011.
<https://www.ncbi.nlm.nih.gov/pubmed/22250146>

Laine, Christine. “High-Value Testing Begins With a Few Simple Questions.” *Annals of Internal Medicine* 156, no. 2 (January 17, 2012): 162–63. doi:10.7326/0003-4819-156-2-201201170-00016.
<https://www.ncbi.nlm.nih.gov/pubmed/22250151>

Owens, Douglas K., Amir Qaseem, Roger Chou, and Paul Shekelle. “High-Value, Cost-Conscious Health Care: Concepts for Clinicians to Evaluate the Benefits, Harms, and Costs of Medical Interventions.” *Annals of Internal Medicine* 154, no. 3 (February 1, 2011): 174–80.
<https://www.ncbi.nlm.nih.gov/pubmed/21282697>.

Institute of Medicine. 2010. *The Healthcare Imperative: Lowering Costs and Improving Outcomes: Workshop Series Summary*. Washington, DC: The National Academies Press.
<https://doi.org/10.17226/12750>. DOI: <https://doi.org/10.17226/12750>

Training Learners:

Patel, Mitesh S., Matthew M. Davis, and Monica L. Lypson. "The VALUE Framework: Training Residents to Provide Value-Based Care for Their Patients." *Journal of General Internal Medicine* 27, no. 9 (September 2012): 1210–14. doi:10.1007/s11606-012-2076-7.

<https://www.ncbi.nlm.nih.gov/pubmed/22573146>

Weinberger, Steven E. "Educating Trainees about Appropriate and Cost-Conscious Diagnostic Testing." *Academic Medicine: Journal of the Association of American Medical Colleges* 86, no. 11 (November 2011): 1352. doi:10.1097/ACM.0b013e3182308db7.

<https://www.ncbi.nlm.nih.gov/pubmed/22030651>

Dhaliwal G. "Bringing High-Value Care to the Inpatient Teaching Service." *JAMA Internal Medicine* 174, no. 7 (July 1, 2014): 1021–22. doi:10.1001/jamainternmed.2014.2012.

<https://www.ncbi.nlm.nih.gov/pubmed/24862304>

Moriates, Christopher, Michelle Mourad, Maria Noveler, and Robert M. Wachter. "Development of a Hospital-Based Program Focused on Improving Healthcare Value." *Journal of Hospital Medicine* 9, no. 10 (October 2014): 671–77. doi:10.1002/jhm.2235.

<https://www.ncbi.nlm.nih.gov/pubmed/24980982>

Morgan DJ, Dhruva SS, Wright SM, Korenstein D. Update on Medical Practices That Should Be Questioned in 2015. *JAMA Intern Med*. November 2015:1-5.

doi:10.1001/jamainternmed.2015.5614.

<https://www.ncbi.nlm.nih.gov/pubmed/26551354>

Moriates C, Mourad M. Striving for optimal care: Updates in quality, value, and patient experience. *J Hosp Med*. September 2015. doi:10.1002/jhm.2488.

<https://www.ncbi.nlm.nih.gov/pubmed/26417871>

Jha S. **Uncertainty and the diagnostic leviathan.** *JAMA Intern Med*. 2015;175(7):1085-1086. doi:10.1001/jamainternmed.2015.1103.

<https://tinyurl.com/ya39prx9>

Moriates C, Shah NT, and Arora VM. "First, Do No (financial) Harm." *JAMA* 310, no. 6 (August 14, 2013): 577–78. doi:10.1001/jama.2013.7516.

<https://jamanetwork.com/journals/jama/article-abstract/1709839?redirect=true>

Porter, ME. What is Value in Health Care? *N Engl J Med* 2010; 363:2477-2481. December 23, 2010. DOI: 10.1056/NEJMp1011024

<http://www.nejm.org/doi/full/10.1056/NEJMp1011024>

"Health Policy Brief: Reducing Waste in Health Care," *Health Affairs*, December 13, 2012.

<https://www.healthaffairs.org/doi/10.1377/hpb20121213.959735/full/>