

How to Incorporate High-Value Care in Education

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Conflict of Interest: Disclosure

- I have no relevant financial relationships with commercial entities producing healthcare related products or services



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Learning Objectives

- 1) Define high value care
- 2) Discuss the need for HVC
- 3) Review relevance of HVC in training



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Redefining Healthcare

Value = Quality
(MD, Patient)

- “Quality of patient outcomes relative to the dollars spent”

$$\text{Value} = \frac{\text{Quality}^*}{\text{Payment}^†}$$

* A composite of patient outcomes, safety, and experiences

† The cost to all purchasers of purchasing care

Patient
Physician
Payer



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Brindis R, Spertus JA. JACC 2010;56(24):2046-2048

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Why is cost even considered in medicine?

- **Unsustainable** healthcare costs

\$253 billion 1980

\$714 billion 1990

\$2.6 trillion 2010

- High tech offerings
 - tests, procedures, medications, personalized medicine

Variable charges: Lipid panel cost between \$10-\$10K!

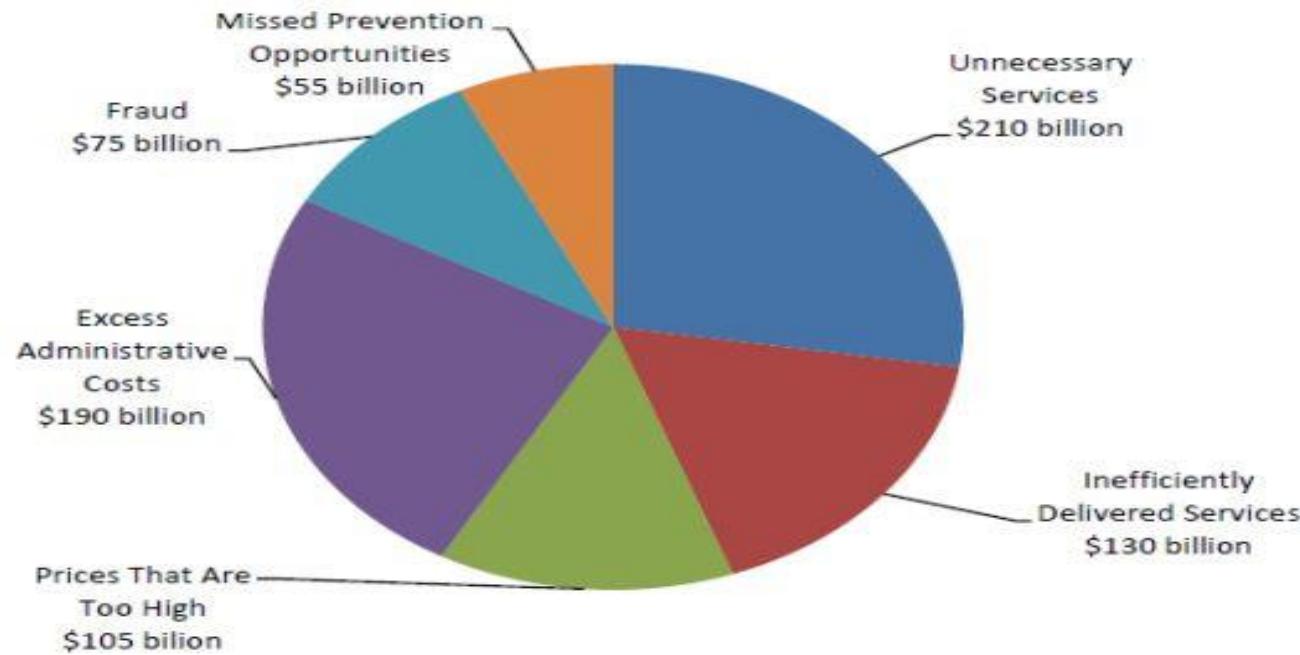


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Hsia RY, et al. BMJ Open. 2014 Aug 14;4(8):e005482.

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\$750,000,000,000 of Overspending



How Do We Compare?

COUNTRY RANKINGS

Top 2*

Middle

Bottom 2*



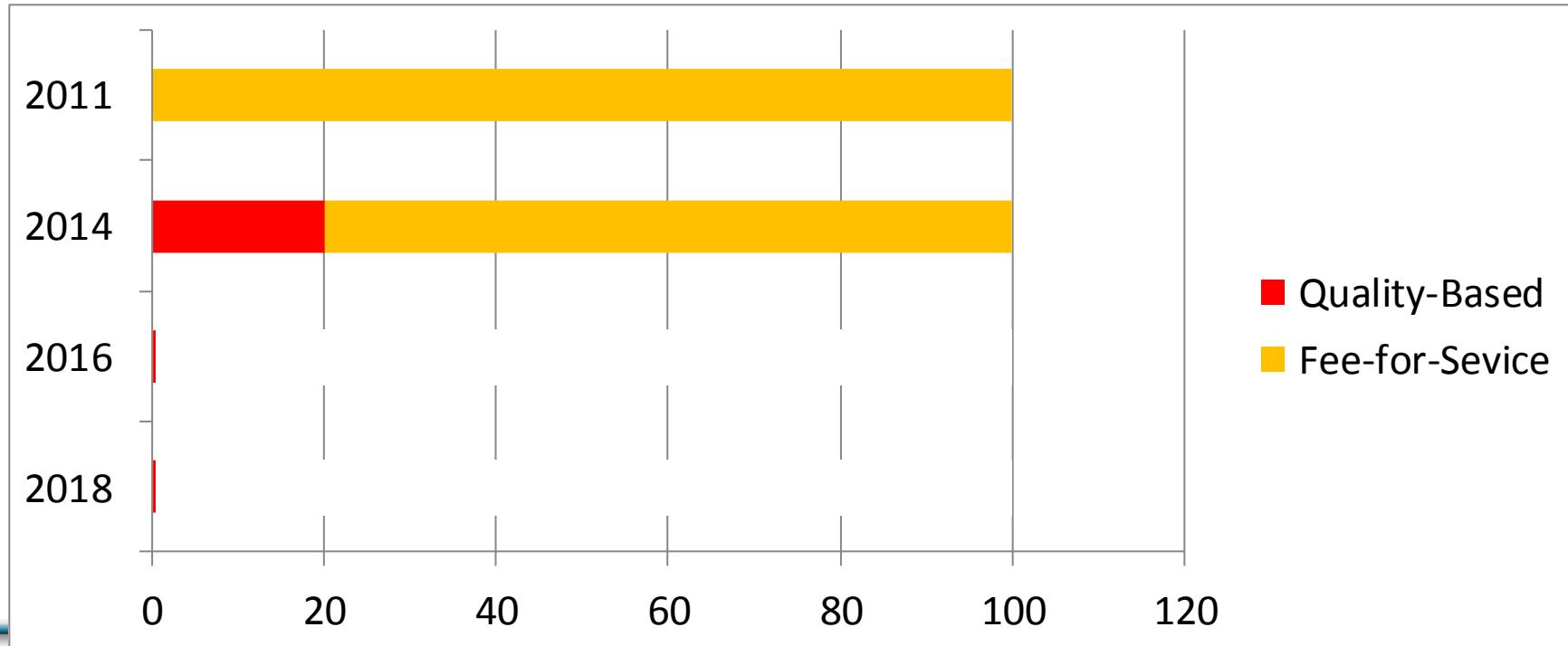
	AUS	CAN	FRA	GER	NETH	NZ	NOR	SWE	SWIZ	UK	US
OVERALL RANKING (2013)	4	10	9	5	5	7	7	3	2	1	11
Quality Care	2	9	8	7	5	4	11	10	3	1	5
Effective Care	4	7	9	6	5	2	11	10	8	1	3
Safe Care	3	10	2	6	7	9	11	5	4	1	7
Coordinated Care	4	8	9	10	5	2	7	11	3	1	6
Patient-Centered Care	5	8	10	7	3	6	11	9	2	1	4
Access	8	9	11	2	4	7	6	4	2	1	9
Cost-Related Problem	9	5	10	4	8	6	3	1	7	1	11
Timeliness of Care	6	11	10	4	2	7	8	9	1	3	5
Efficiency	4	10	8	9	7	3	4	2	6	1	11
Equity	5	9	7	4	8	10	6	1	2	2	11
Healthy Lives	4	8	1	7	5	9	6	2	3	10	11
Health Expenditures/Capita, 2011**	\$3,800	\$4,522	\$4,118	\$4,495	\$5,099	\$3,182	\$5,669	\$3,925	\$5,643	\$3,405	\$8,508



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Medicare Reimbursements

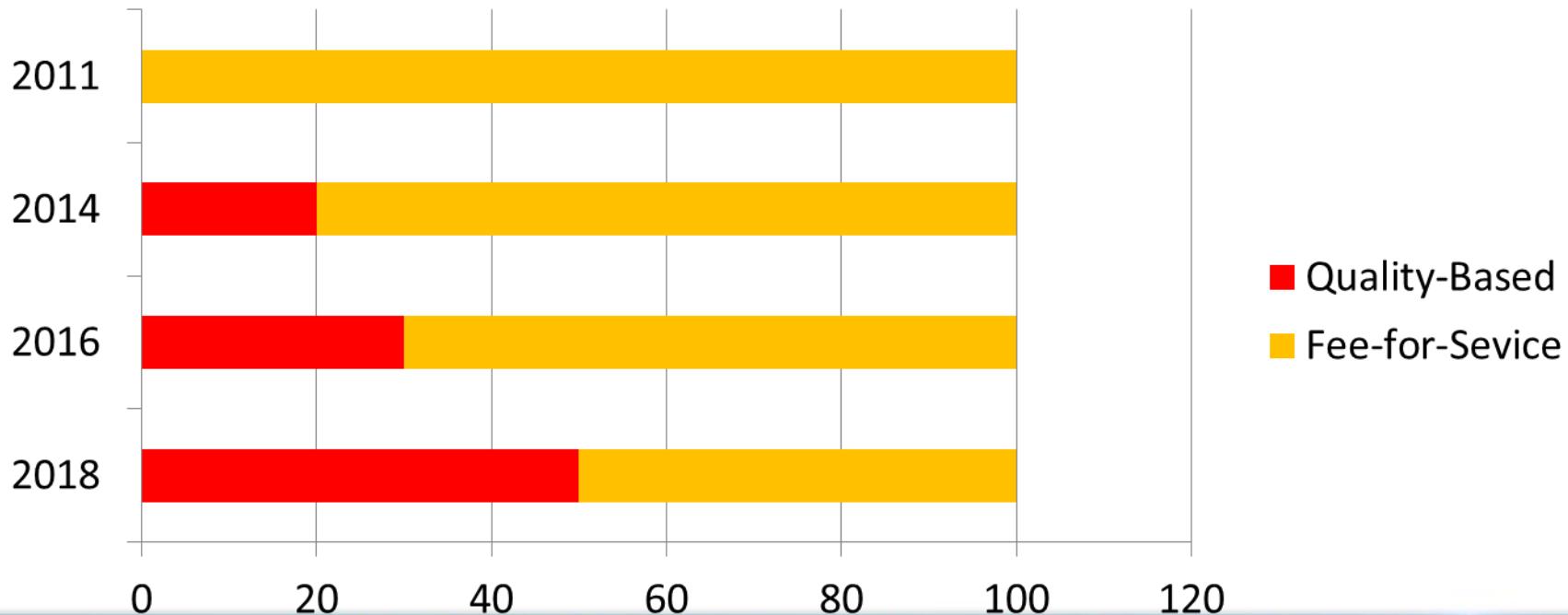


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U.S. Department of Health and Human Services, 2014

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Medicare Reimbursements



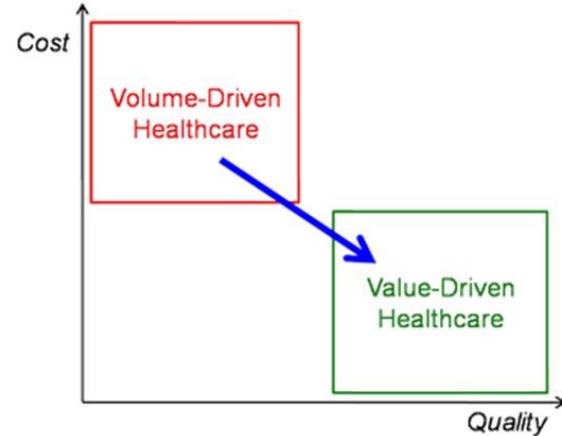
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U.S. Department of Health and Human Services, 2014

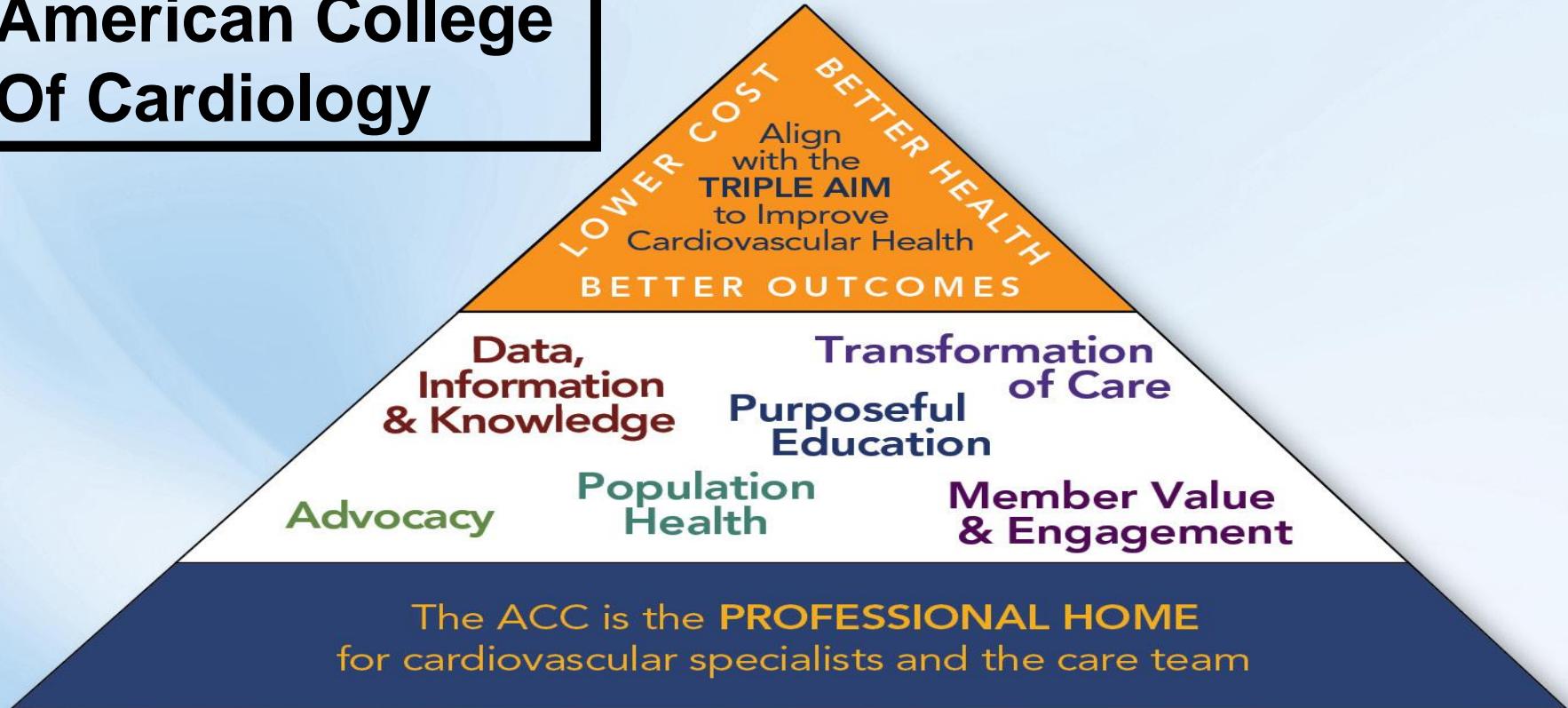
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Why HVC in Teaching Institutions?

- “What would my attending do with this patient?”
- Tradition of medical education:
 - Rewards thoroughness; penalizes restraint!
 - Teach restraint
- Instruction on physician reimbursement and insurance design

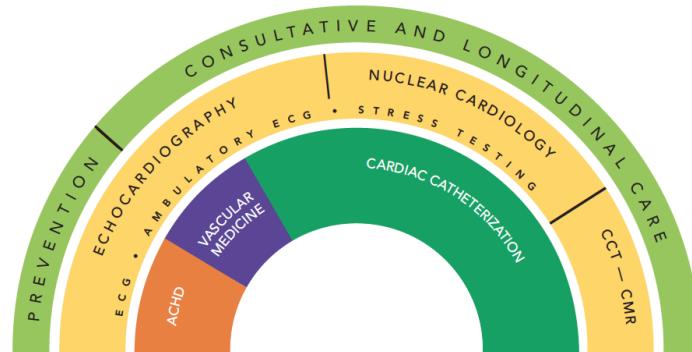


American College Of Cardiology



COCATS 4

“Cardiovascular Testing – appropriately utilize CV testing”



High-Value Care should be promoted in CV Training



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