

# **Strengthening Health Systems by Improving Surgical Capacity and Value**

**Extreme Affordability Conference**


**Ensign College of Public Health – July 9, 2018**

**Capacity** to provide **surgical care** is an  
important component of **Health Systems**



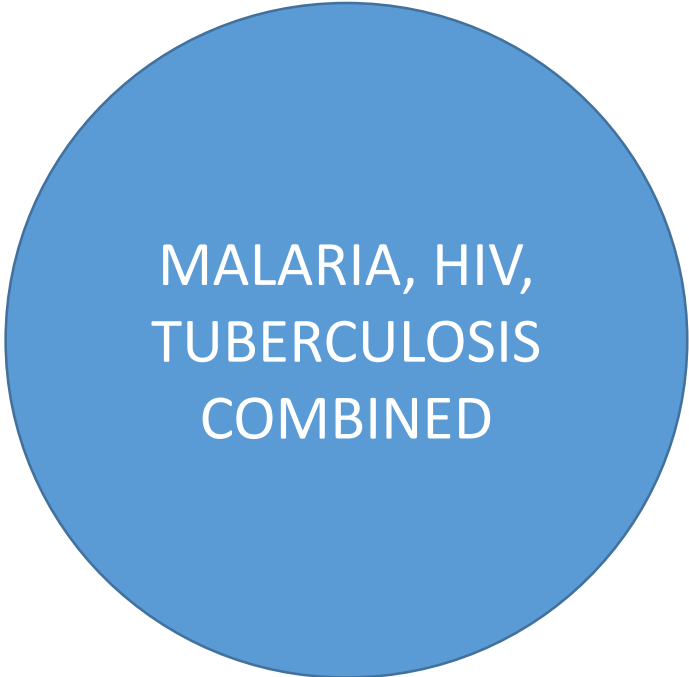
*28-32% of the global burden of disease can be attributed to surgically treatable conditions*

# DISEASE BURDEN IN LOW AND MIDDLE INCOME COUNTRIES



SURGICALLY  
TREATABLE  
CONDITIONS

401,000,000 DALYs/year



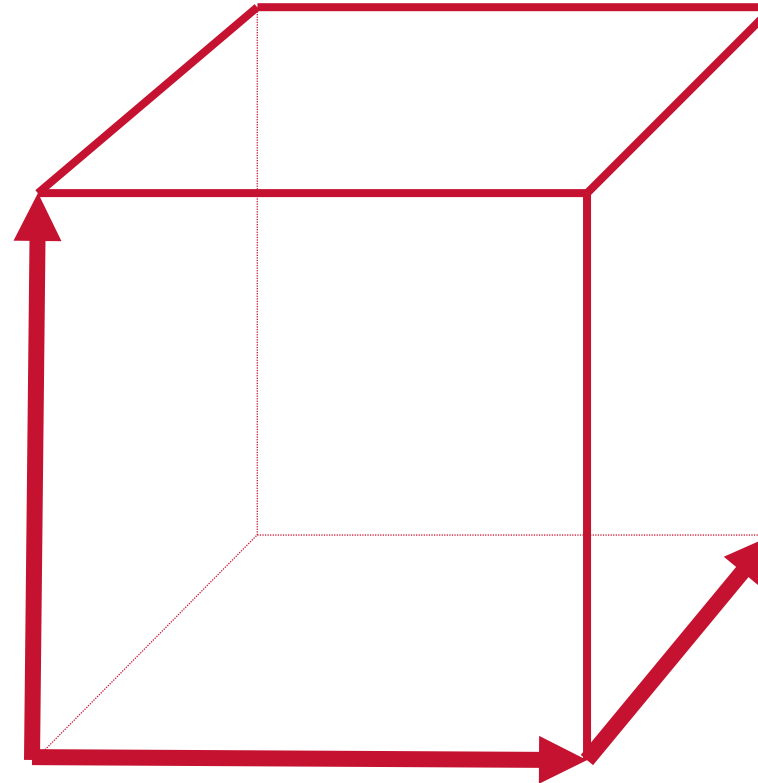
MALARIA, HIV,  
TUBERCULOSIS  
COMBINED

214,000,000 DALYs/year

# Surgical Capacity

(ability to advance health with surgery)

The BREADTH of  
surgical care  
services

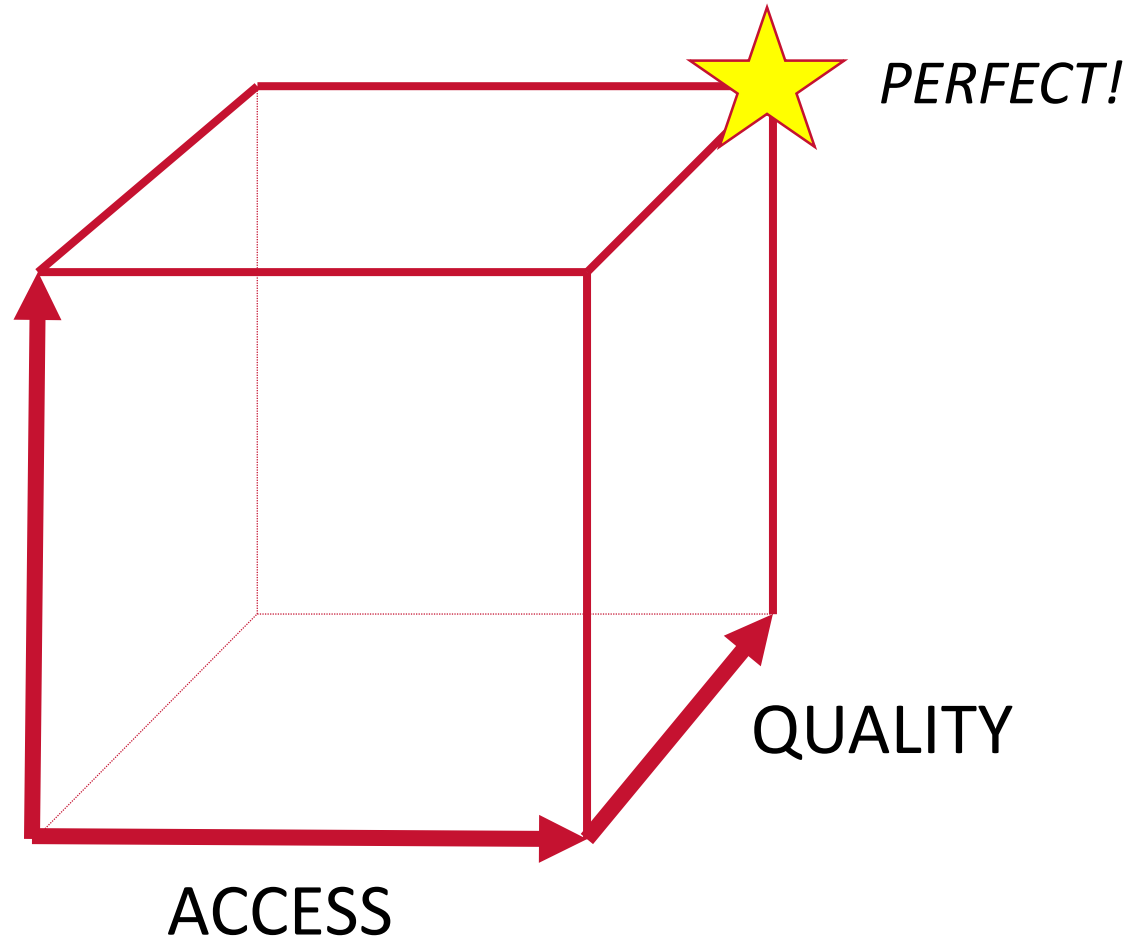


QUALITY of  
surgical care

ACCESS to  
surgical care

# Surgical Capacity

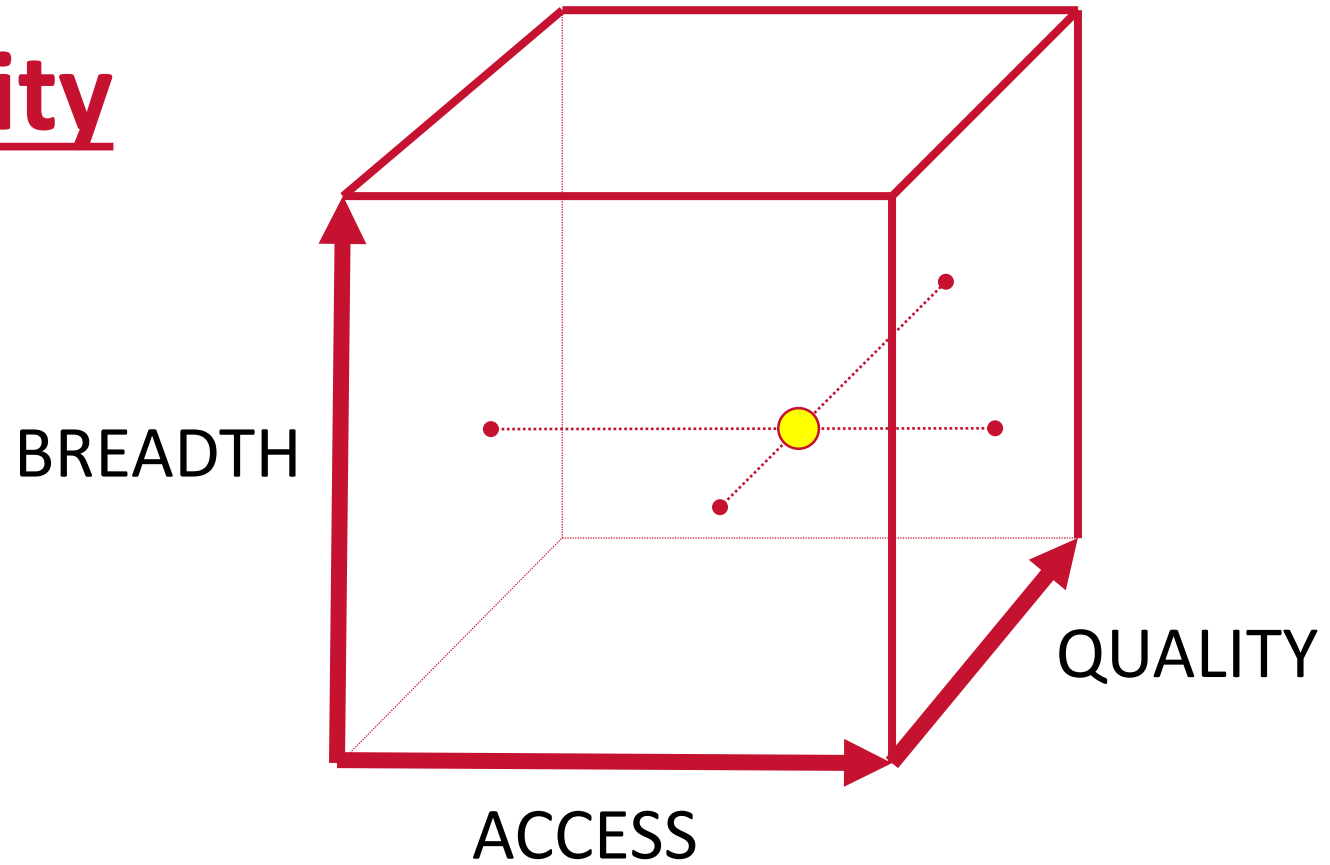
BREADTH



QUALITY

ACCESS

# Surgical Capacity



What is **QUALITY**  
in the context of capacity?



- Safe
- Effective
- Convenient
- Patient-centered
- Cost-efficient
- Appropriate
- Timely

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*“What you get”*  
when you receive  
medical care

# Health Outcomes Complications

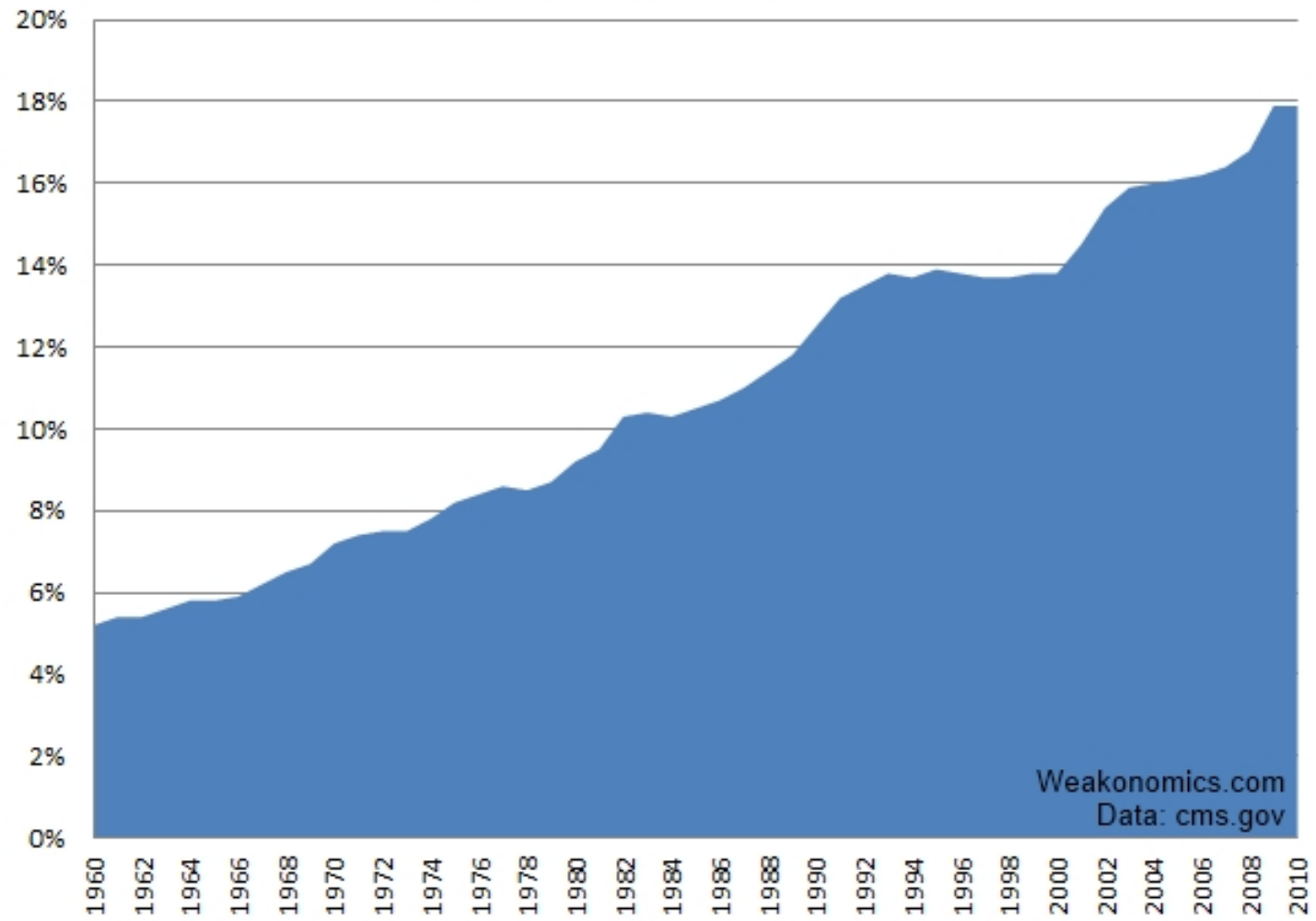
Why is the **QUALITY** component  
of capacity so important  
in low resource settings?

$$\begin{array}{c} \mathbf{V} \\ \text{(VALUE)} \end{array} = \frac{\begin{array}{c} \mathbf{Q} \\ \text{(QUALITY)} \end{array} + \begin{array}{c} \mathbf{S} \\ \text{(SERVICE)} \end{array}}{\begin{array}{c} \mathbf{\$} \\ \text{(COST)} \end{array}}$$

**Value** is not about how much something costs ...  
it's about *what you get for what you pay for.*

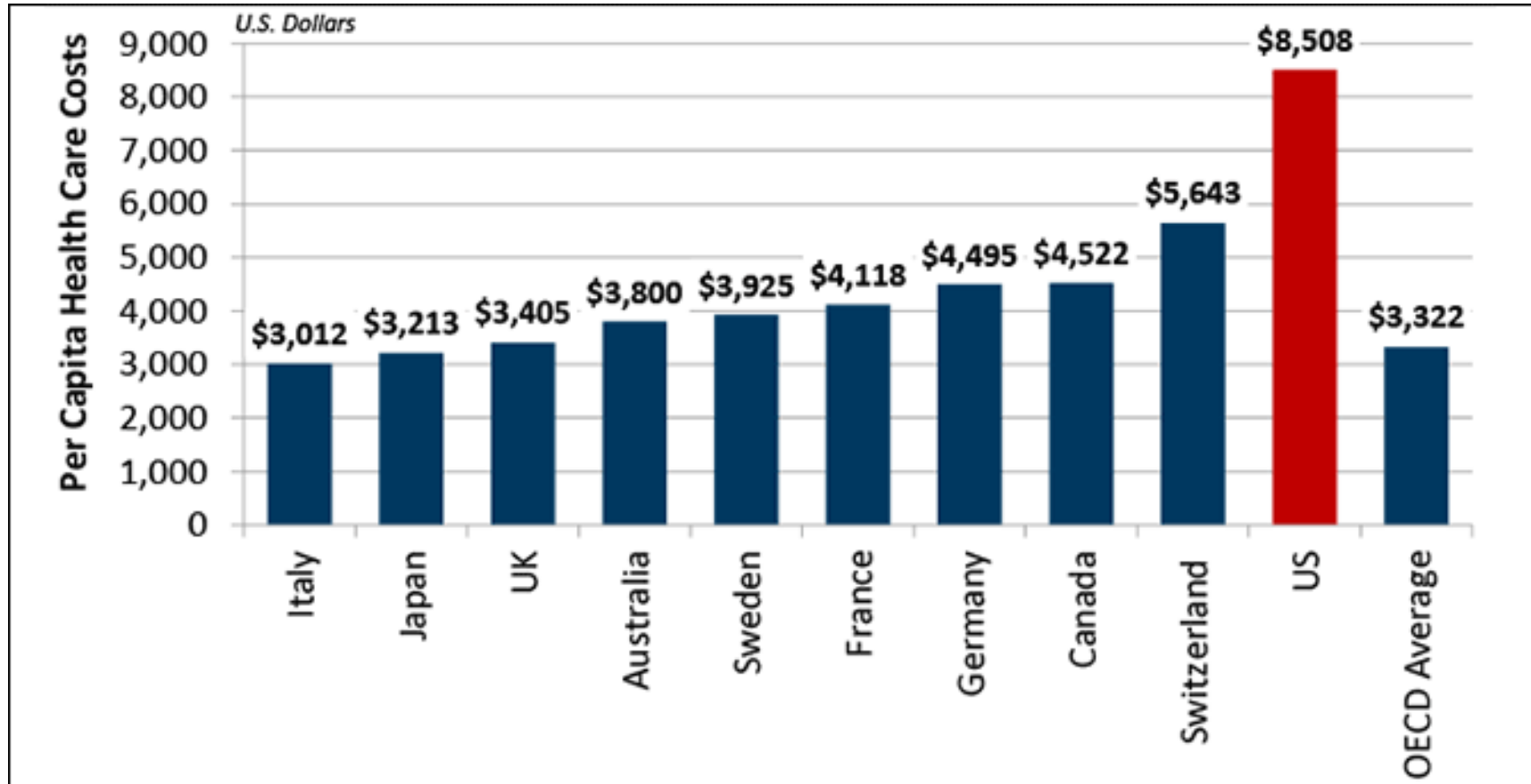
**VALUE is a GLOBAL CHALLENGE**

## Healthcare Spending as % of GDP





# Healthcare Spending per Capita

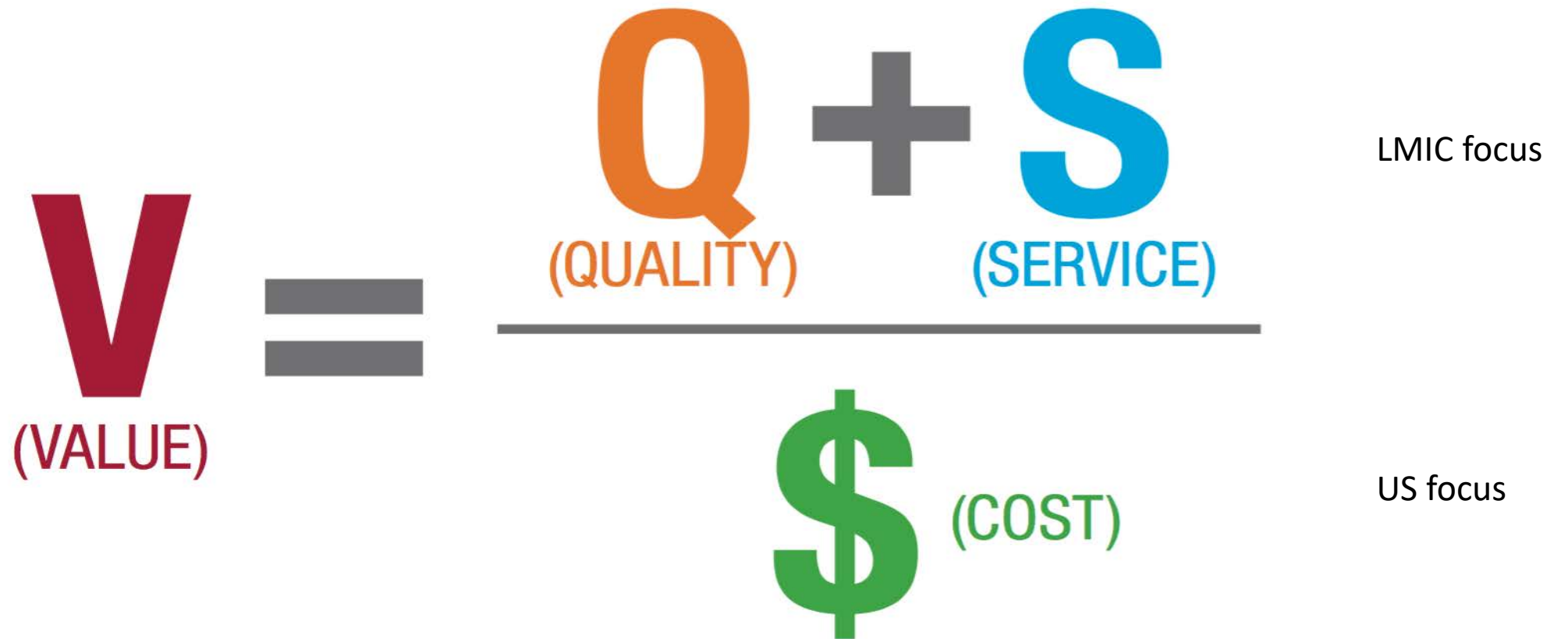


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in **low resource** settings?

# Surgical Complications and Poor Outcomes

- Direct Cost
- Opportunity Cost



# Strengthening Health Systems

- **Capacity**

- Increase focus on quality component of capacity
- More safe, more effective, more appropriate
- Accessible goal – resource saving vs resource expending

- **Value**

- Getting more health benefit for what is spent

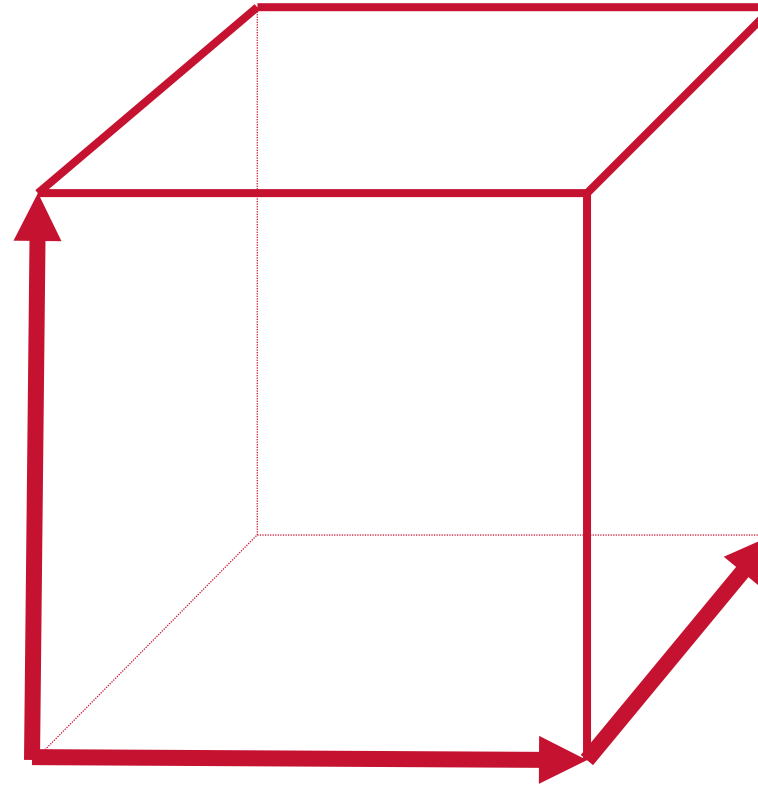






# Surgical Capacity

The BREADTH of  
surgical care  
services



QUALITY of  
surgical care

ACCESS to  
surgical care