

Capital Markets Day, 8 June 2018

**Helios.health**

# A Medical View Across Borders

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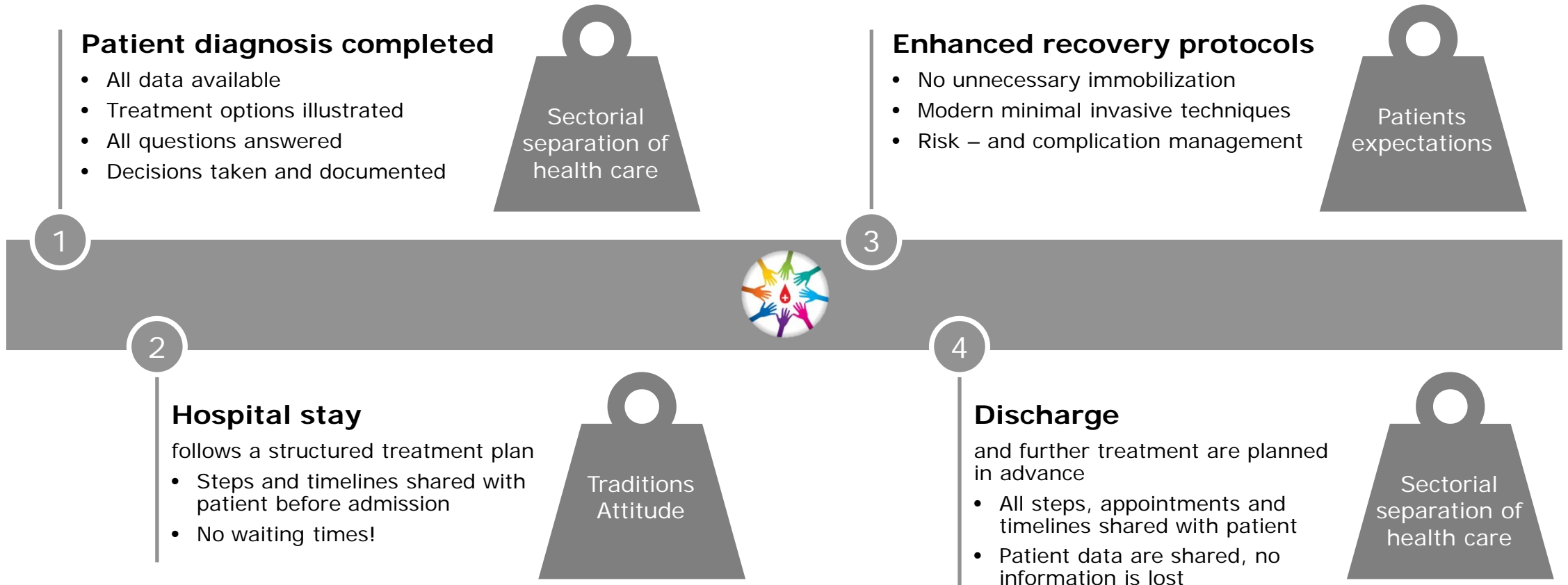
# The Best of Both Worlds



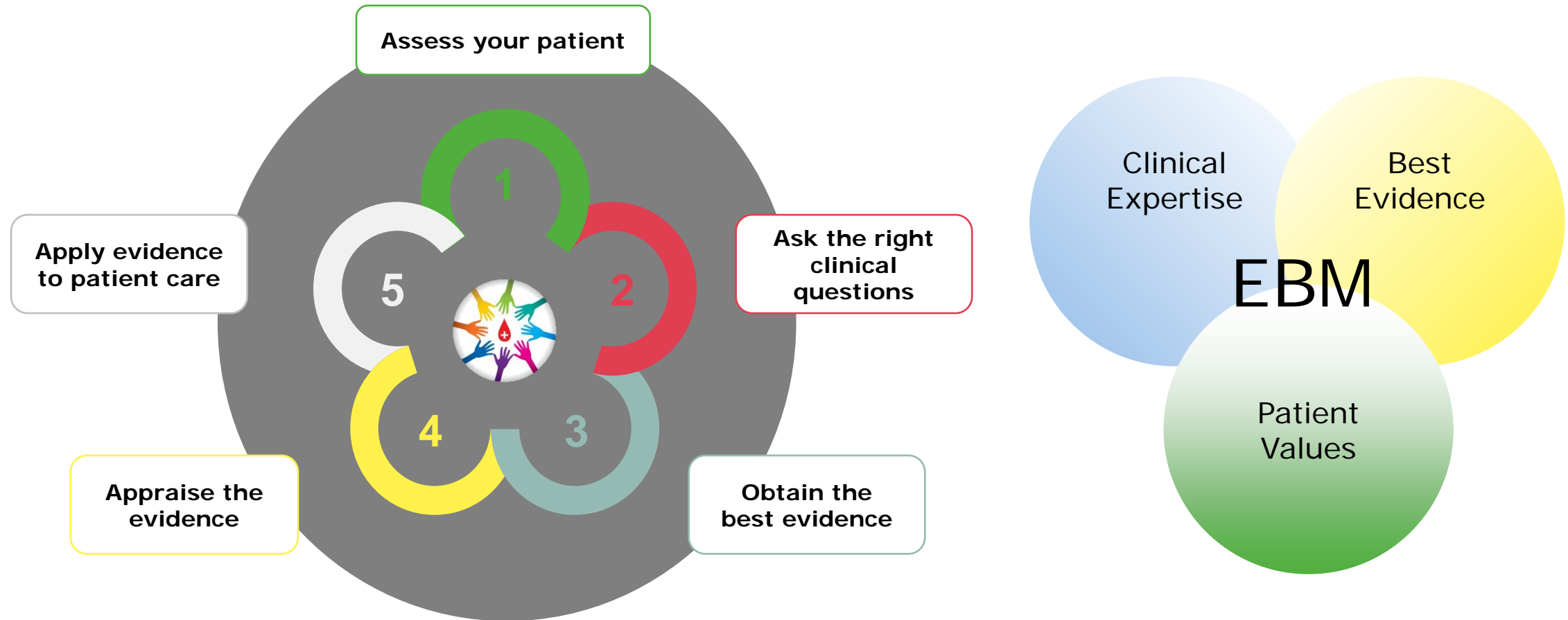
# Key Take-Aways

- Helios has a patient-centered vision
- Spanish health care system has excellent quality while being very efficient
- Medicine has no borders – good medicine has
- Good medicine and economic success fit together

# Our Patient Centered Vision

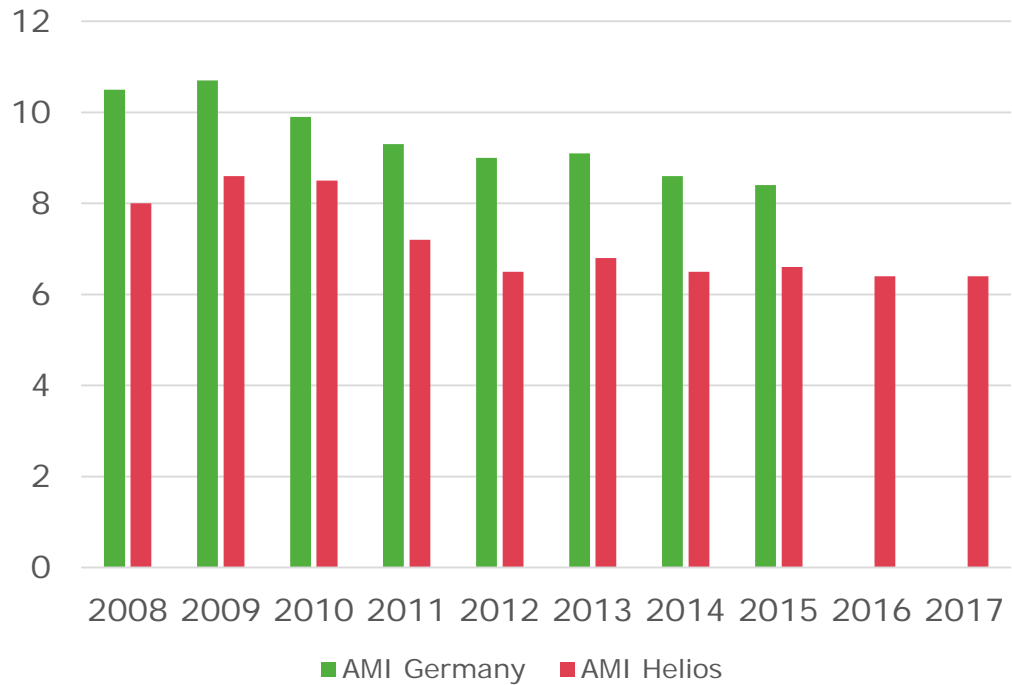


# Evidence-Based Medicine (EBM) – a Global Standard for Patient-Centered Care

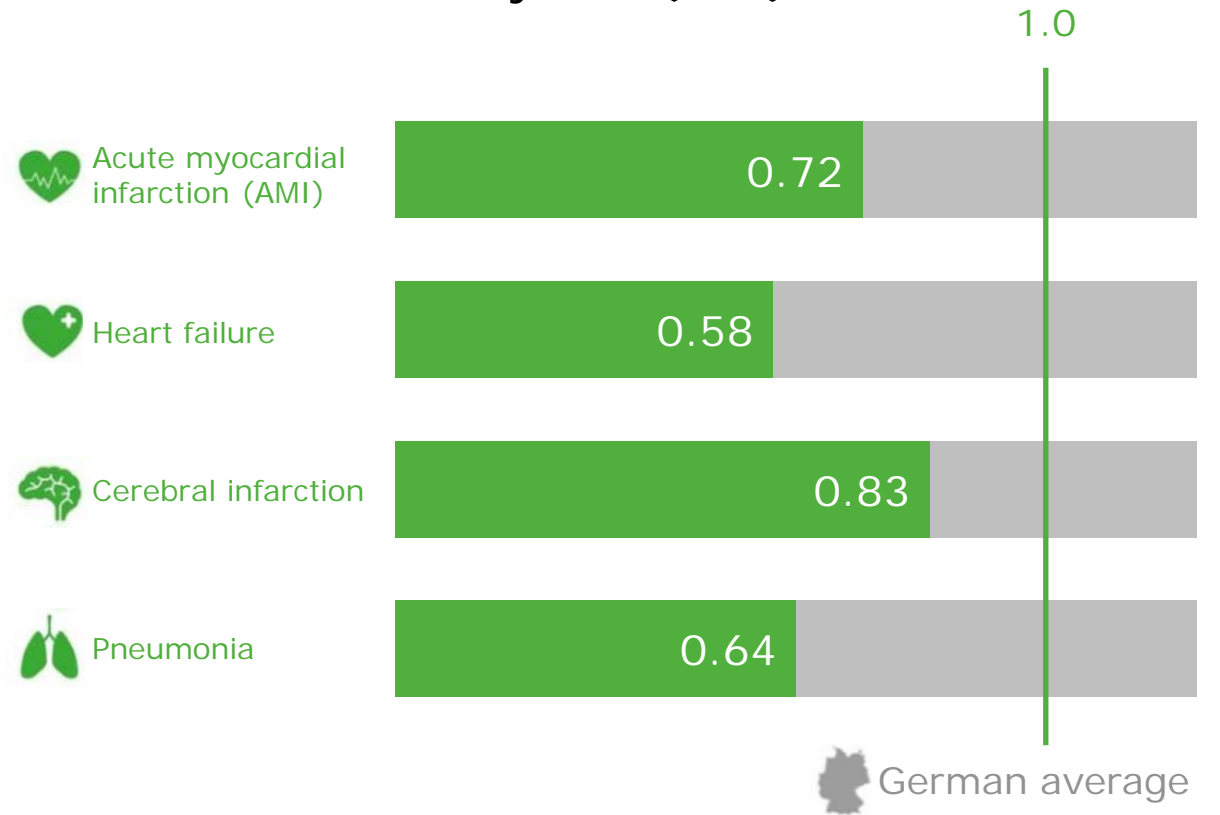


# Quality First!

## Acute myocardial infarction (AMI)



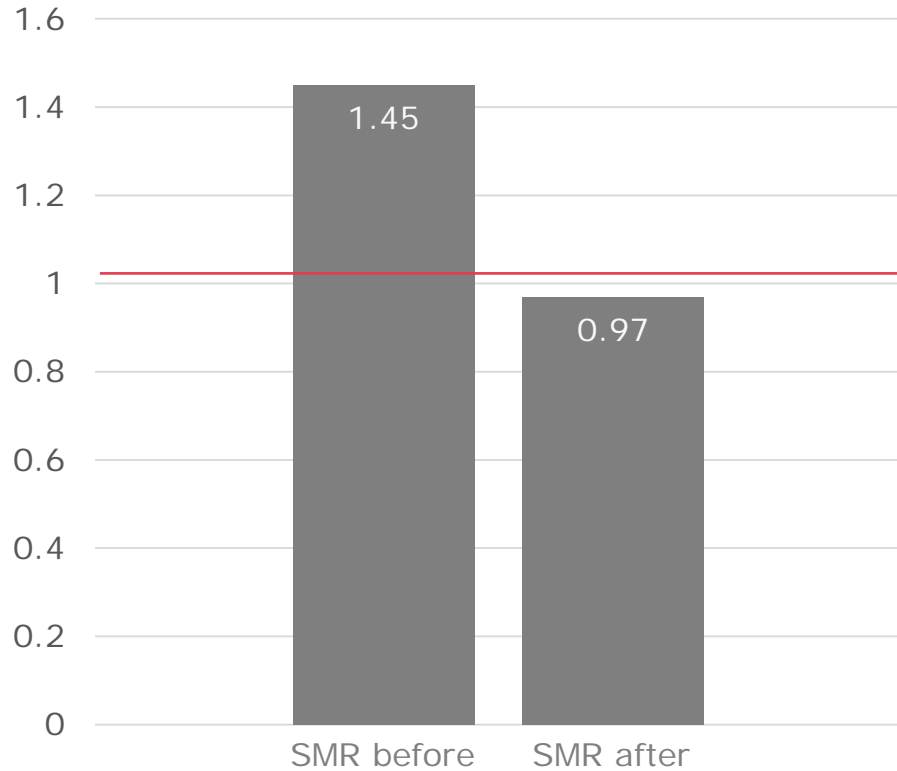
## Standardized mortality ratio (SMR)



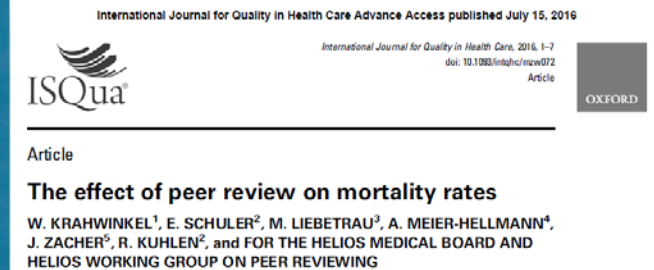
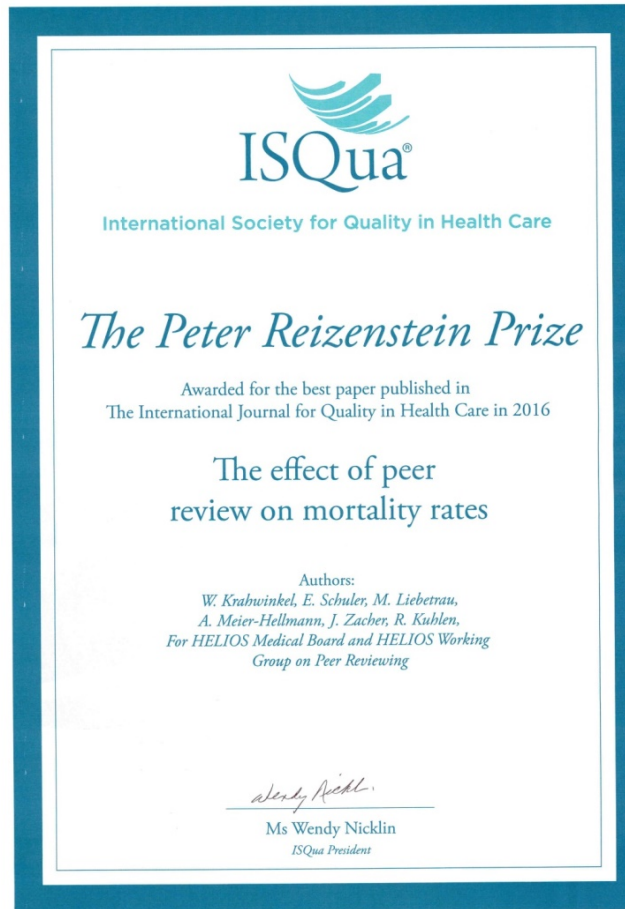
# Peer Review



# Proven Success in Germany!

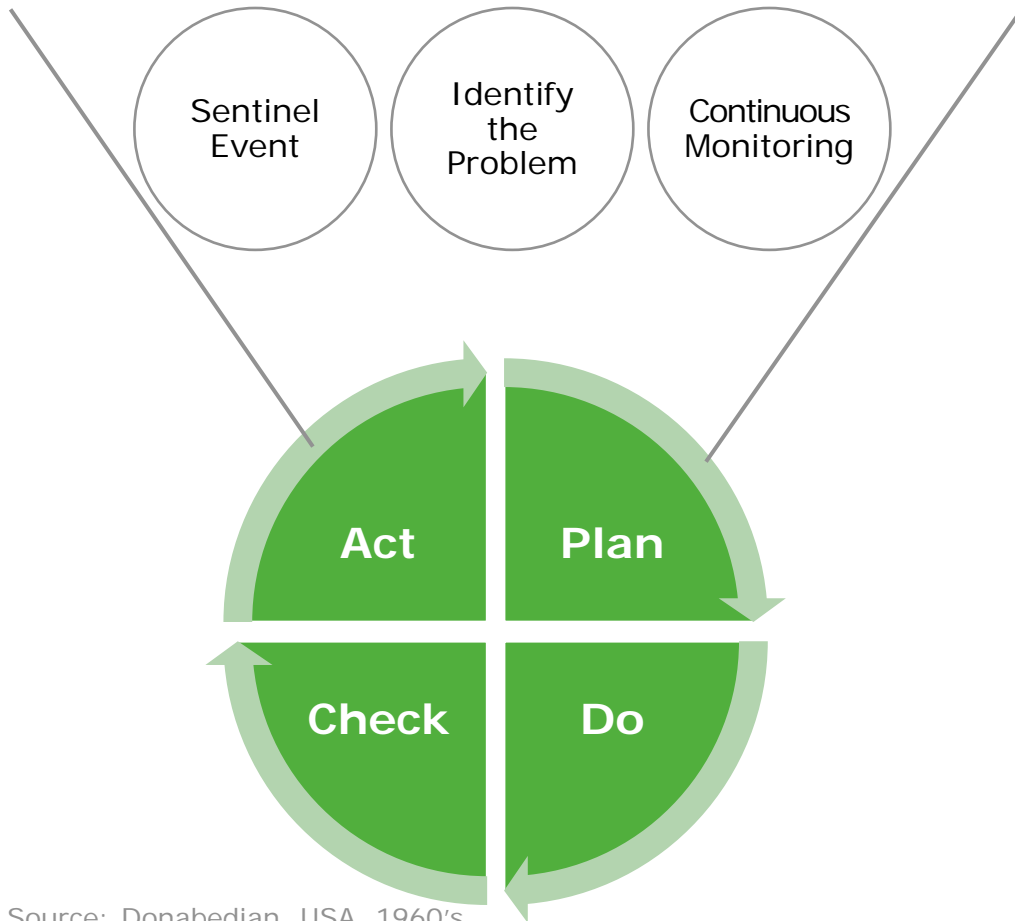


Cumulative mortality effect peer reviews





# Two Standard Quality Management Cycles



Source: Donabedian, USA, 1960's

# Days Spent as Inpatient Every Year?

1.8



0.9

0.7

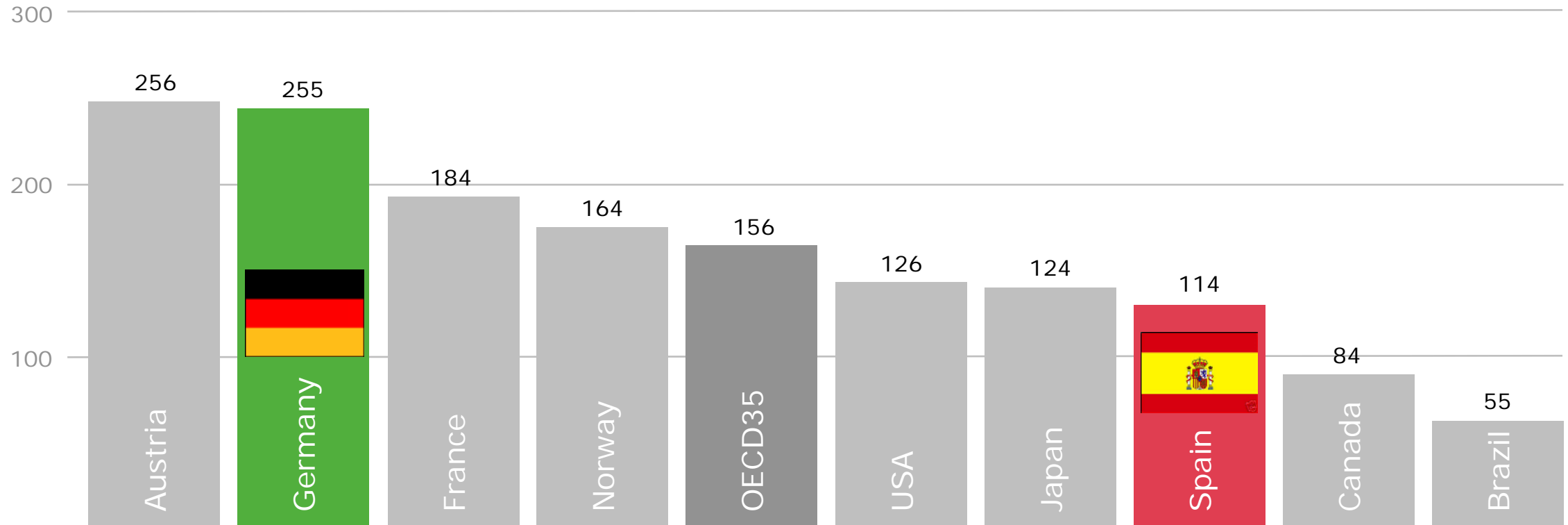
0.6



# Health Care Utilization across Borders

## Hospital discharges, 2015 (or nearest year)

Per 1,000 population



# Factors to Compare Health Care Systems

Health status

Health care system

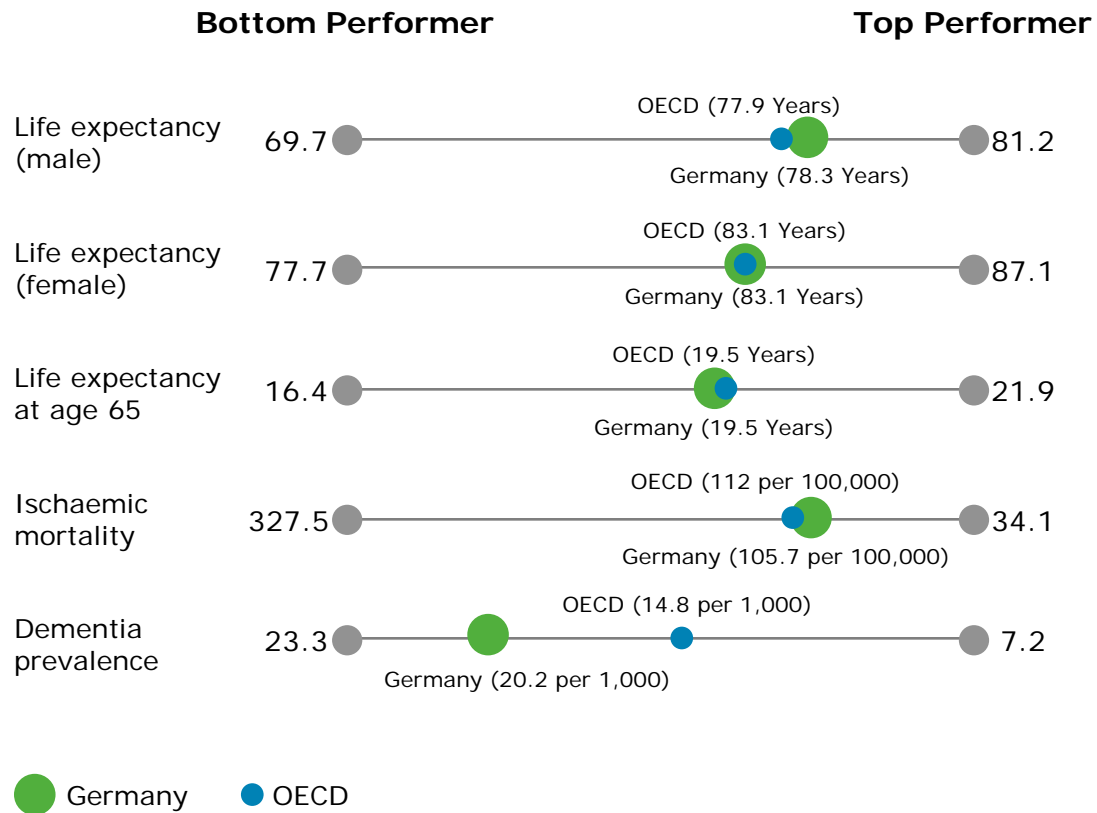
- Access
- Quality
- Expenditure & financing
- Health care resources
- Sectorial structure

Risk factors

Epidemiologic, demographic, economic, social and cultural context

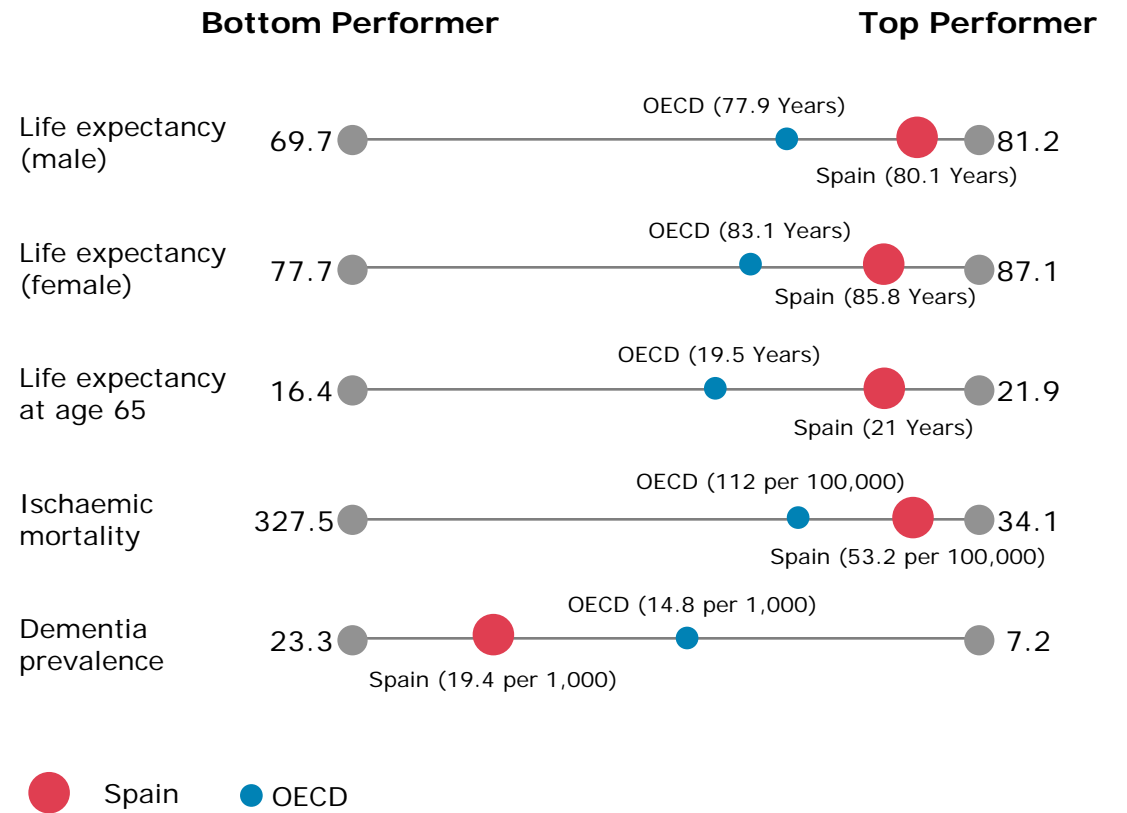
# OECD Comparison on Health Status

## Health Status Germany:



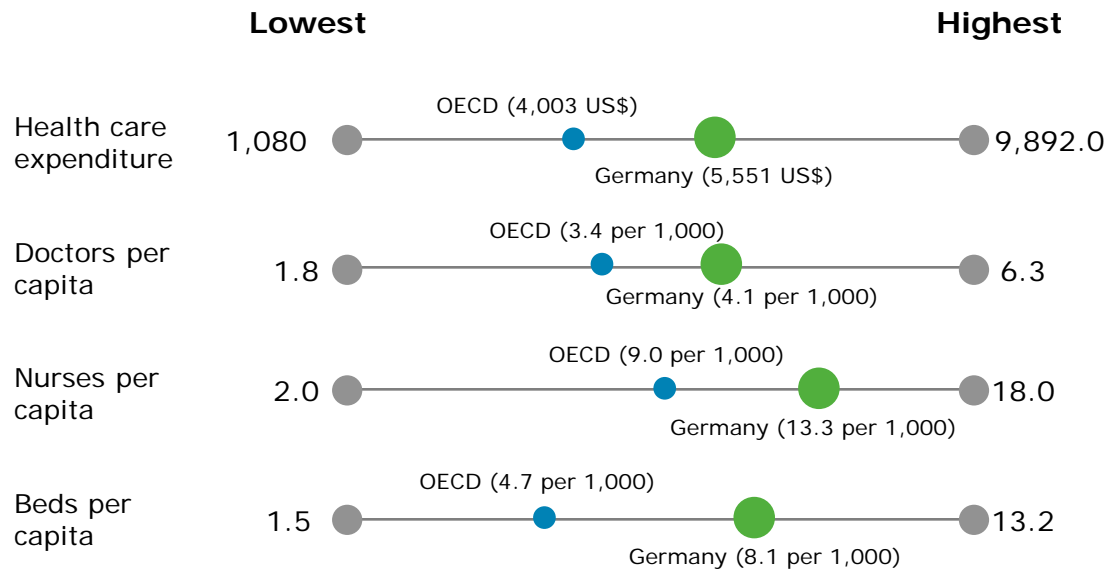
Source: OECD Health Statistics

## Health Status Spain:



# OECD Comparison on Health Care Resources

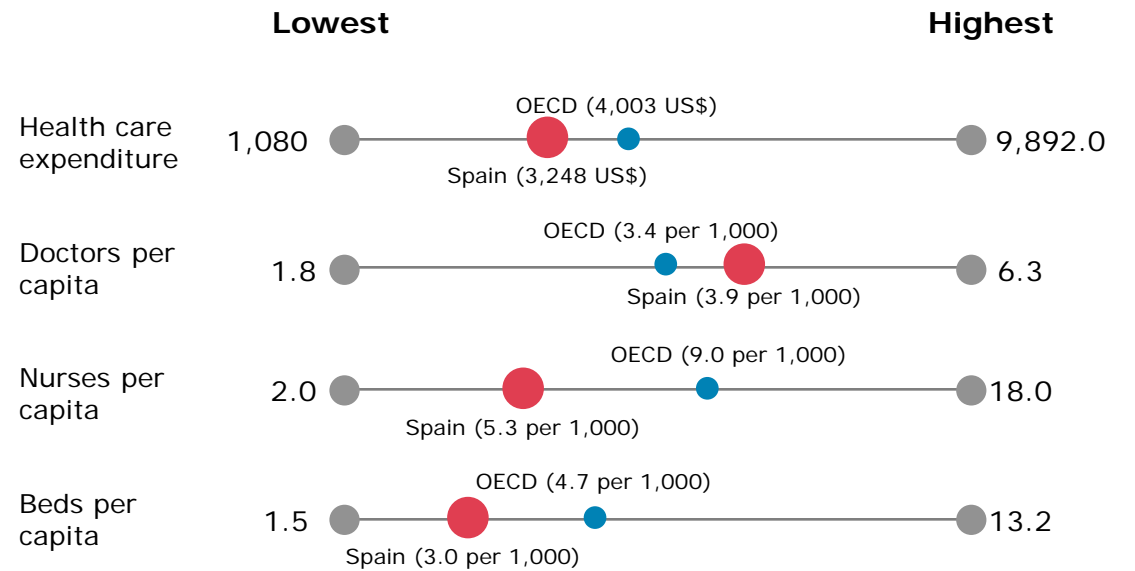
## Health care resources Germany:



● Germany ● OECD

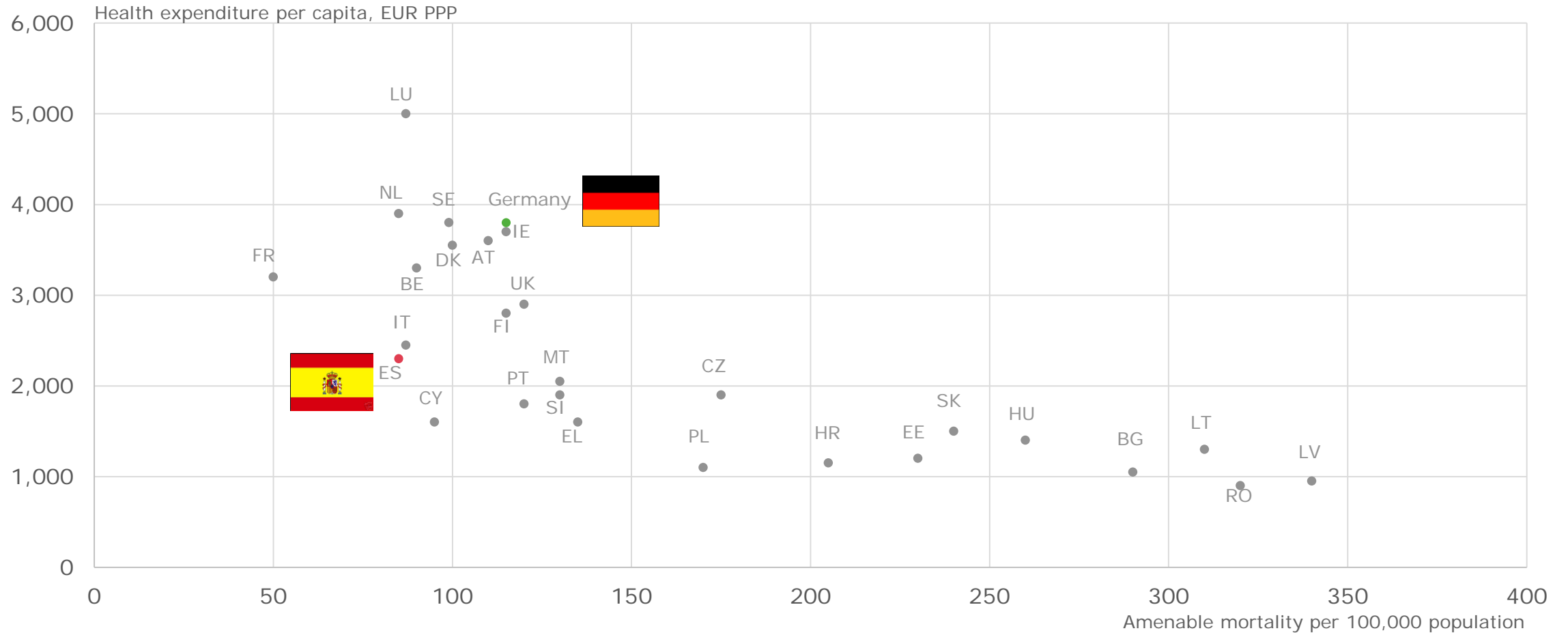
Source: OECD Health Statistics

## Health care resources Spain:



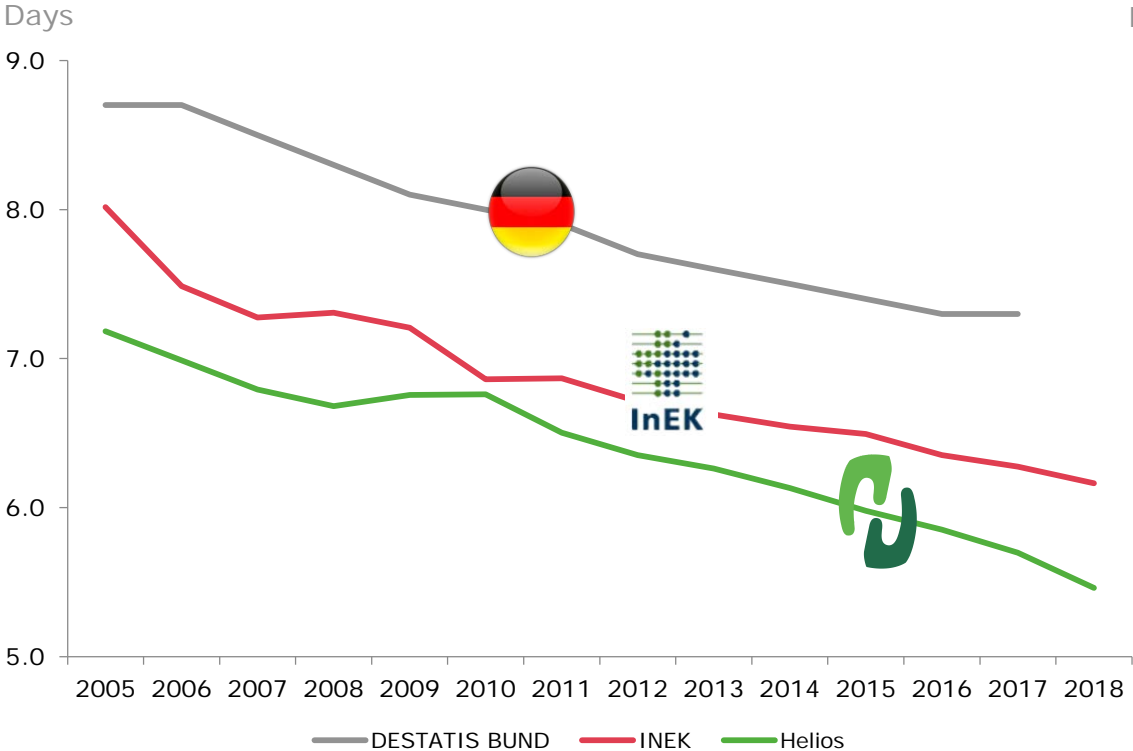
● Spain ● OECD

# Different Health Care Systems – Different Efficiencies



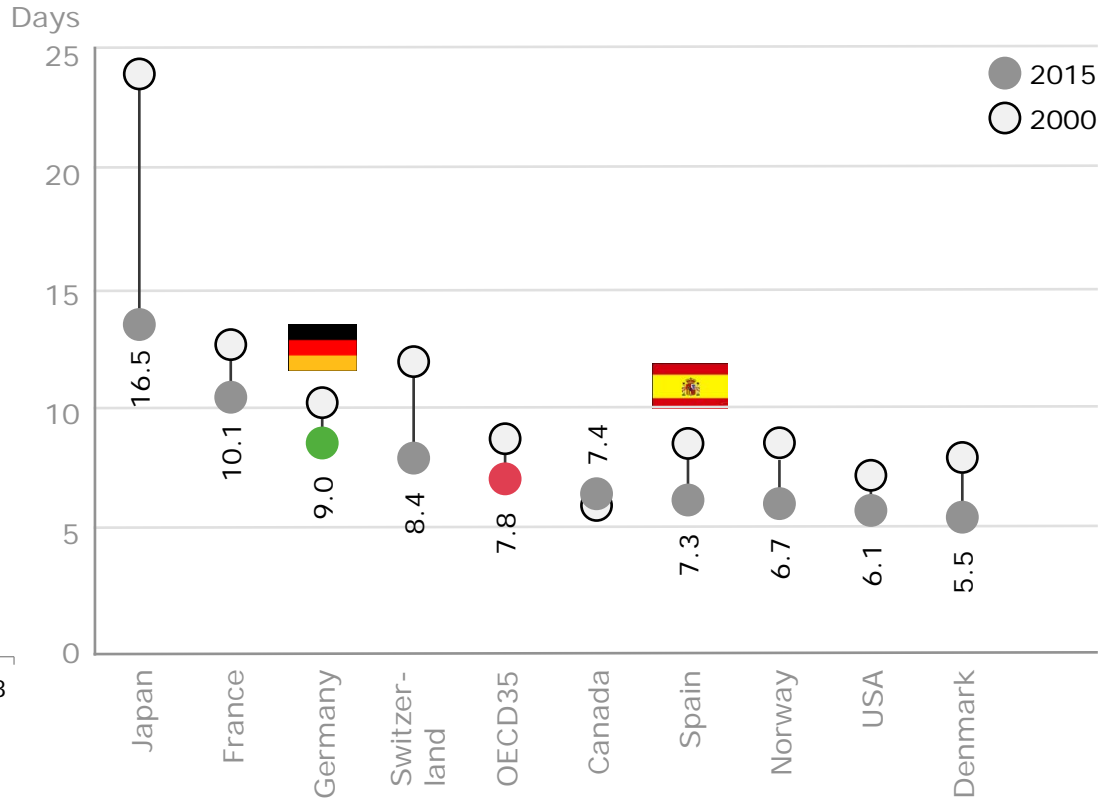
Source: OECD Health Statistics

# Process – the LOS as an Indicator



LOS acute care DRG comparison

Average LOS in hospital, 2000 and 2015 (or nearest year)

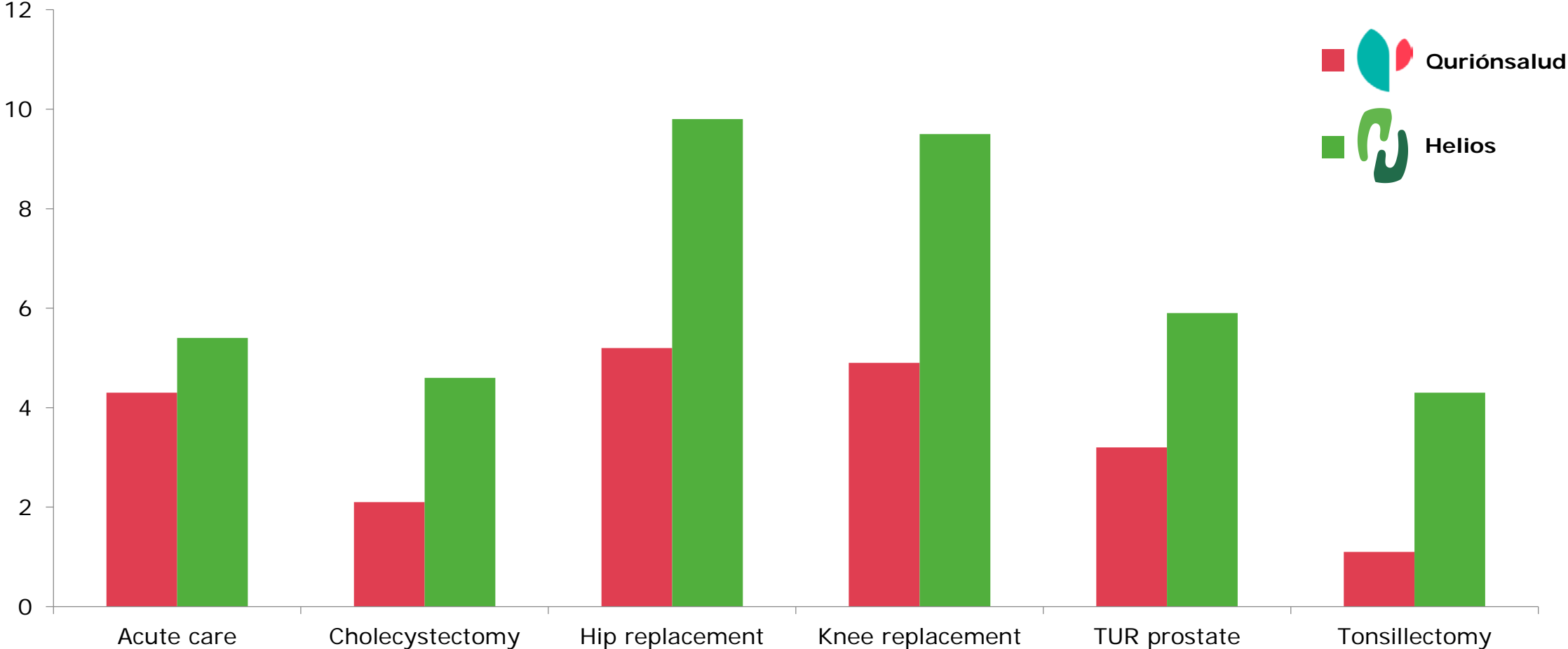


LOS all hospital stays, incl. mental disease

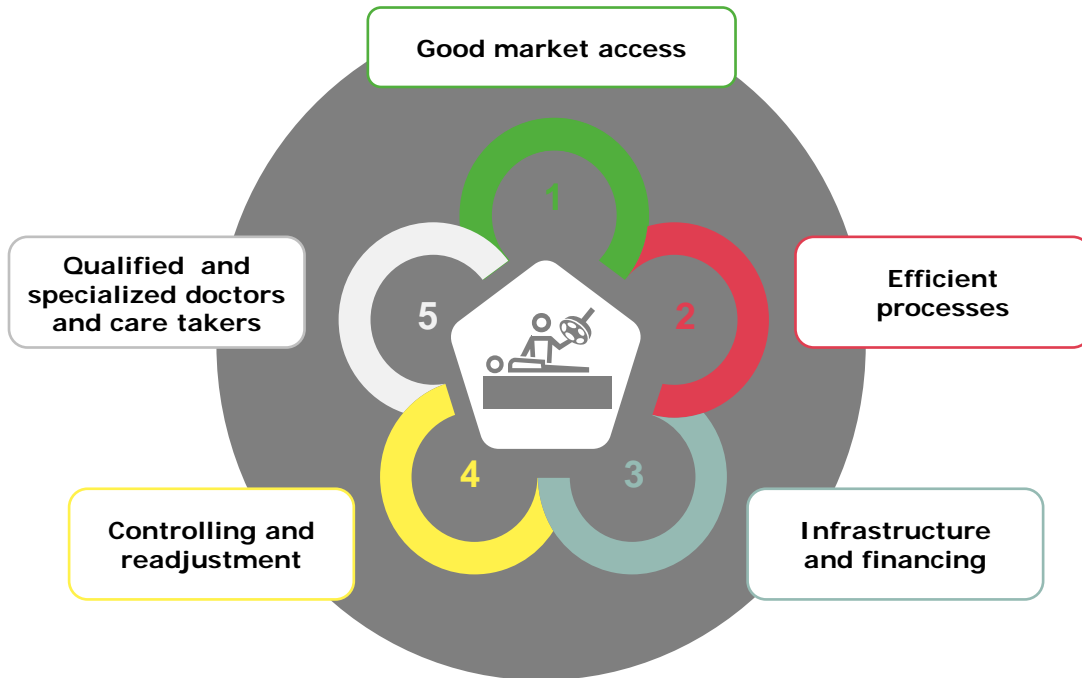
Source: OECD Health Statistics



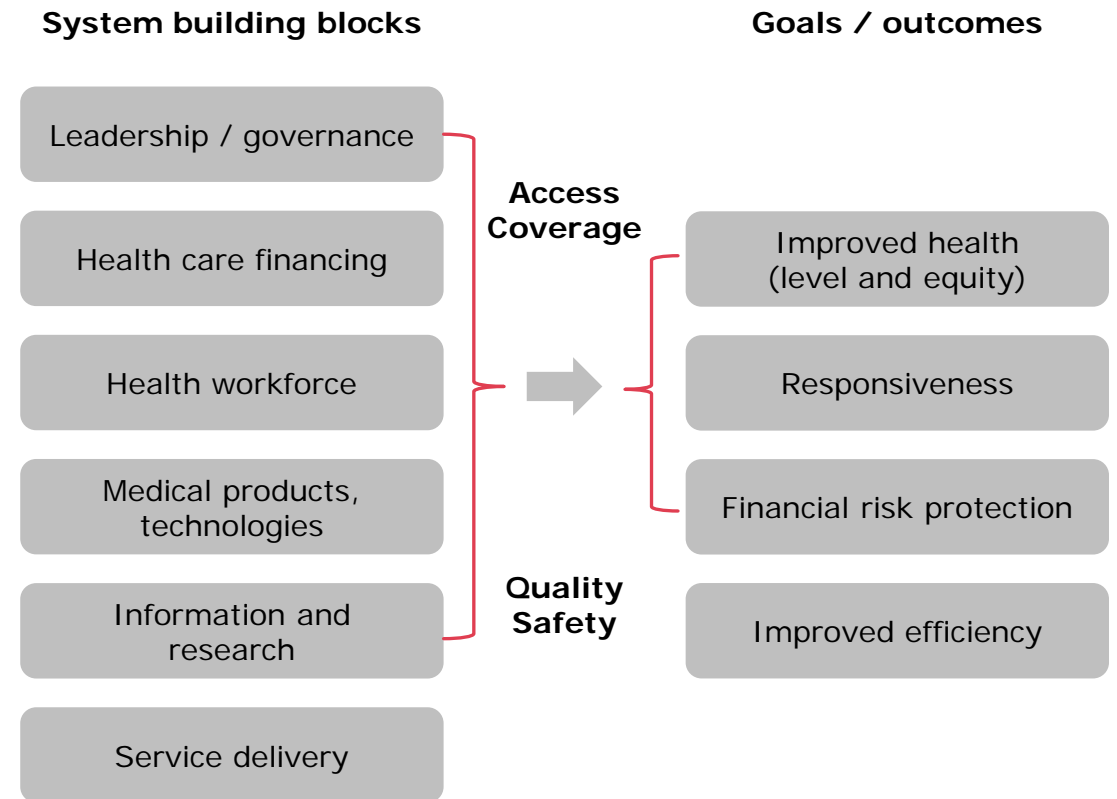
# Examples for LOS Differences



# Medicine Aware of its Borders and Limits?



## The WHO Health Systems Framework



**Thank you**