

ISPOR WWW.ISPOR.ORG **Speaker**

Second Plenary Session
The Reality of Real World Data and its Use in Health Care Decisions in Europe



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VPM GEOGRAPHY OF HEALTH CARE IN SPAIN
 The quality of health services under scrutiny

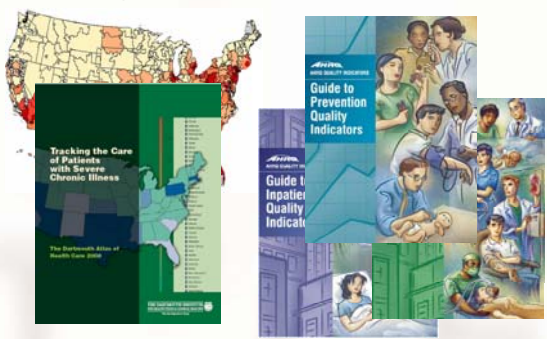
Reality of real world data and its use in health care decisions

ATLAS VPM
 the Healthcare Quality of the Spanish SNS under scrutiny

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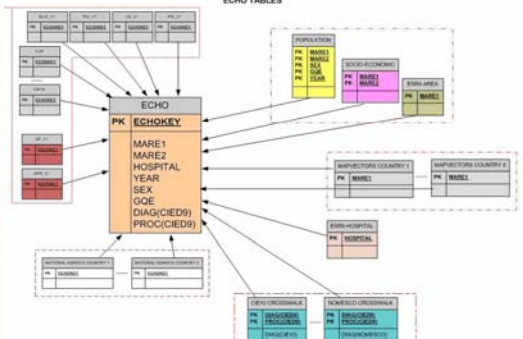
Scientific background



VPM GEOGRAPHY OF HEALTH CARE IN SPAIN
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Based on administrative-data

ECHO TABLES



Does the place of residency influence the population exposure to effective and safe care?

Geographical-based approach

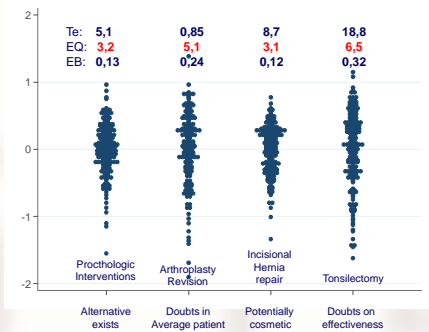
Is the likelihood of getting high-quality and safe care dependant on the provider where a person is assisted?

Hospital-specific approach

... how administrative-data can help to inform decisions

Some examples

Dramatic variation in low-value care

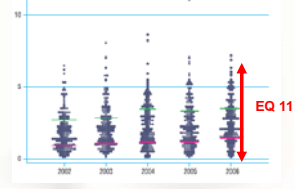


<http://www.audit-commission.gov.uk/>

Low-value care: prostatectomy and c-section

Prostatectomy in prostate cancer

Standardized rates (10,000 inh.)

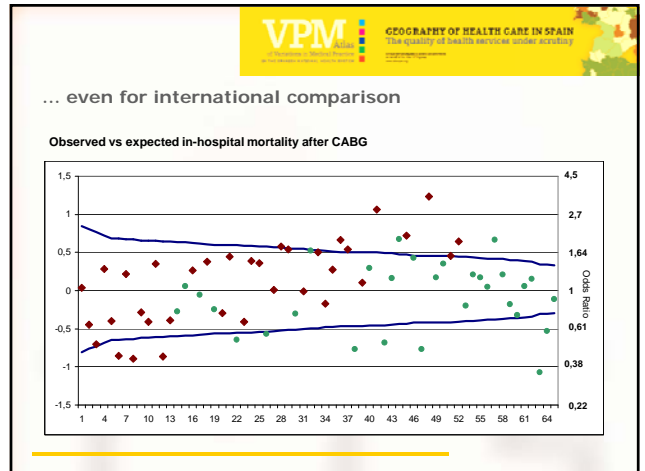
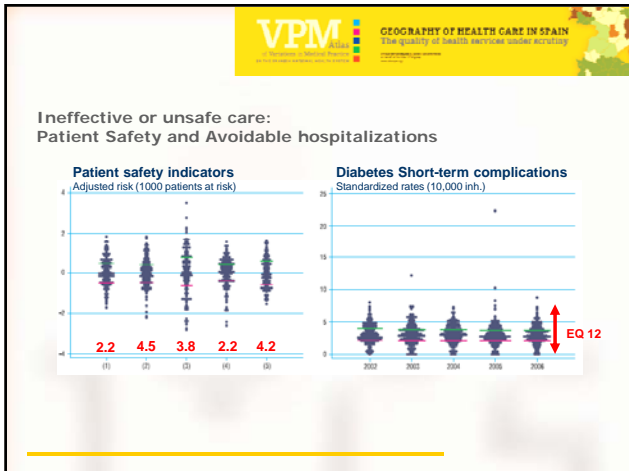
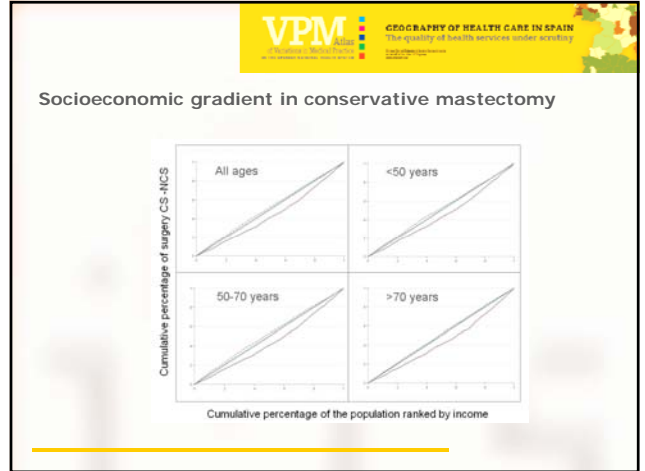
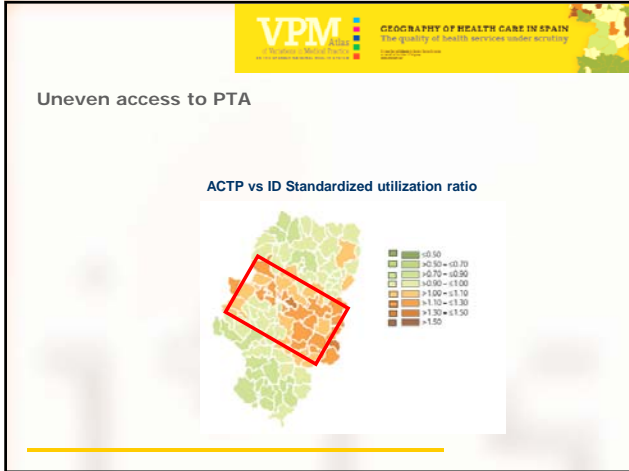


C- section at hospital-level

Adjusted risk (100 deliveries)



Red dots represent the existence of neonatal ICU



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With real-world data we can illuminate the way to answer core healthcare decision-making questions

- ✓ Is access to an appropriate diagnostic or surgical procedure dependant on the place a person lives?
- ✓ Are the odds of a patient suffering unneeded treatment - and having an adverse event- different regarding the provider where the person is admitted?
- ✓ Which is the cost of opportunity -for a society- of providing more services more intensively?
- ✓ Which is the marginal benefit -in health- associated to more intensity of resources compared with the neighbored area?

Acknowledgments:

www.atlasvpm.org
www.echo-health.eu

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