HOSPITAL PERFORMANCE

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Meeting of OECD Health Data National Correspondents

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Overall objectives are:

• To assist countries in developing and refining their capacity for robust hospital performance comparison.

• To enable valid international comparison and facilitate learning and sharing on hospital performance across countries.
A turning point ……

• Closer look at cross-country variations:

  ➢ European Collaboration for Health Care Optimization (ECHO)

  ➢ European Health Care Outcomes, Performance and Efficiency (EuroHOPE)
EuroHOPE Hospital Variations

Source: The EuroHOPE study group, 2014, Summary of the findings of the EuroHOPE project, Helsinki, p. 23
Analysis of variation…

• What is the variation within a country?

• How does it compare with other countries?

• To what extent can overall country performance be improved by reducing this variation?

• Will this require focussing on only a few outliers?

• What can be shared and learnt across countries?
What is required....

• More careful comparison work
  ➢ Improve data capacity and quality
  ➢ Improve methods and risk adjustment

• More data
  ➢ Increased depth - sub-national, service level
  ➢ Broadened scope – indicator domains, variables

• More analysis
  ➢ Variations within countries as well as across countries
  ➢ Multi-level empirical analysis
• Is a central domain of performance.

• OECD conceptual framework includes the following broad categories:
  - Clinical Effectiveness
  - Safety
  - Patient Centredness
  - Access
  - Cost/Price/Expenditure
  - Equity
  - Efficiency
Efficiency indicators..

• Coordinate with data collections on expenditure, price and non expenditure:
  
  – To assess potential for further utilisation of existing data (e.g. Costs/Prices, LOS, Same Day)

  – To consider opportunities for further alignment and linking of data across collections (e.g. AMI, Stroke)

  – To explore ability to broaden scope and increase depth of data in targeted areas (e.g. dispersion, risk adjustment)
Efficiency in ECHO Project…..

• Frontier Analysis of Hospital Inputs/Outputs
  – e.g. staff/beds to weighted discharges

• Variations in Low Value Hospital Care
  – e.g. tonsillectomy, C-section

• Excess Hospital LOS and Adverse Events

• Analysis of Hospital LOS and Outcomes
Analysis of LOS and Hospital Outcomes

Plan for 2015

By March
- Inventory of hospital performance frameworks
- Identify candidates for indicator development
- Collect dispersion measures on existing HCQI indicators

By November
- Consider risk adjustment methods and data requirements
- Understand existing indicator use and experiences by countries
HCQI Contact Details

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