



Developing disease specific indicators with and for physician specialists in acute care hospitals



Leen DE RAEPE, Geert VAN DE WATER, Sofie BREUGELMANS, Arthur VLEUGELS
Centre for Health Services and Nursing Research, K.U.Leuven

- introduction:**
 - Navigator: indicator system
 - Launched in January 2004 in acute care sector
 - Contained 15 domains of indicators
 - Hospital-wide and patient group/unit specific
- goal:**
 - To increase medical staff involvement in hospital quality initiatives
 - To enable physicians to compare patient care throughout the hospital with other providers
 - To implement changes in clinical practice to improve patient care
- objective:**
 - Develop disease specific indicators directly related to the daily practice of the physicians






- methodology:**
 - Systematic review of literature
 - Selection of pathology groups and indicators
 - Expert panel of physicians and quality coordinators
 - Delphi method (questionnaires on content, feasibility and relevance)
- results:**
 - High level of consensus after two written assessment rounds
 - Additional meetings
 - 85 indicators were rated as valid, relevant and feasible

Pathology group	Number of expert feedback	Number of indicators
general surgery	9	8
cardiology	6	12
gastro-enterology	8	1
neurology	6	2
obstetrics	10	6
oncology	11	3
orthopaedics	10	6
pneumology	8	6
paediatrics	12	24
intensive care	13	15
ear, nose and throat	8	2

- conclusions:**
 - Physicians are interested in clinical quality indicators providing information about their daily practice
 - Physicians are willing to participate in the development of these indicators.
 - Their contribution is indispensable in order to design valid and useful indicators.
 - With this approach physicians in acute care hospitals are more involved in and motivated to work with clinical indicators to monitor the quality of care.

DEVELOPING DISEASE SPECIFIC INDICATORS WITH AND FOR PHYSICIAN SPECIALISTS IN ACUTE CARE HOSPITALS

Leen DE RAEPE, Geert VAN DE WATER, Sofie BREUGELMANS, Arthur VLEUGELS
Centre for Health Services and Nursing Research, K.U.Leuven

INTRODUCTION

METHODOLOGY

RESULTS

Pathology group	Number of expert feedback	Number of indicators
general surgery	9	8
cardiology	6	12
gastro-enterology	8	1
neurology	6	2
obstetrics	10	6
oncology	11	3
orthopaedics	10	6
pneumology	8	6
paediatrics	12	24
intensive care	13	15
ear, nose and throat	8	2

CONCLUSIONS

