Improving healthcare professionals clinical documentation in an interdisciplinary journal

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- Emergency patients: 25,000
- Casualty department: 35,000
- Ambulatory Out patients: 145,000
- Beds: 350
- Staff: 1800

www.regionshospitalet-randers.dk
Frontrunner
Is it clinically useful?

MidtEPJ
- Patient administration system (PAS)
- Booking
- Test results
- Medicine record
- Interdisciplinary health record
Patient records (before EHR)

Physician

Occupational therapist

Physiotherapist

Dietician

Test results

Medical social worker

Anaesthesia

Nurse

MIE 2011, Lise Margon Simonsen
The Development of Clinical Content

- Cover documentation requirements for all disciplines
- Configuration accepted by all professions and specialties
- Interdisciplinary reuse of clinical data
- Reuse of data across specialty boundaries
- Support clinical workflow
Requirements of workshop participants

- Professionally sound
- In depth knowledge of documentation requirements
- In depth knowledge regarding reporting and databases
- Leadership participation or delegated responsibility to make decisions regarding content and quality
Clinical Healthcare Content
Modified to suit specialties and professions
Organizational Development Process

- Continuity in patient care defines
  - who documents
  - what, in the electronic record
  - and when it is documented
- Define procedures to avoid redundant data
Reuse of data in mandatory reporting

- From clinical documentation to "National Patient Register" and Clinical Quality Databases
DAD
(Danish Anesthesia Database)

- Entries take 5 to 15 minutes pr. patient
- Nurses and physicians make entries
- Total 400,000 entries pr. year

1"Kliniske databaser – Afklaring af kvalitet og brugervenlighed” af Vibeke Kjær-Jensen. (Sundhedsinformatik, Region Midt)
Annually, Health Professionals make an average of 30 million entries of data, where the same information is recorded in both a clinical database and a central register.

Time spent by double registrations between 32 quality databases are estimated to be the equivalent 33-65 man-years amongst physician and nurses.

“Analysis of quality information in Denmark, June 2010” The Ministry of the Interior and Health, National Board of Health
Challenges:

- Reuse of structured clinical content between same profession groups and specialties
- Reuse of structured clinical content between all professional groups
- Reuse of structured clinical content between hospitals
- Reuse of data entries from the EHR in a multitude of clinical databases
Data about smoking

- Hysterectomy Database
- DAD “Danish Anesthesia Database”
- Chronic obstructive lung disease
- DGCD – (cancer patients)
Questions?

Contact

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