



# Landspítali - The National University Hospital of Iceland

## Strategy planning and implementation of DRG

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Education of health care professions

## Department of Medical Records and Archives

- ✓ Founded in June of 2021
- ✓ The department is divided into five teams
- ✓ The department has 46 employees and 33 of them are specially educated in Health Information Management (HIM)
- ✓ Seven employees are working part time in the coding team
- ✓ Three employees are working part time at the Health Information Technology Department

## Department of Medical Records and Archives

- ✓ A quality and work procedure team responsible for teaching the HIM students from the University of Iceland at their on-job training
- ✓ HIM employees are also stationed on-site at the hospital
- ✓ Extensive knowledge and experience on coding among HIM's at Landspítali

## Strategy planning of DRG

- ✓ In the beginning of the year 2022 a steering committee and a work group was founded regarding issues about DRG implementation
- ✓ The focus is on ensuring the full quality of DRG coding in terms of efficiency and capacity, based on clinical codes
- ✓ All registration of the necessary clinical codes is correct and performed on time
- ✓ Create ideal work process in relation to the „error list“ of DRG classification from the Directorate of Health

## Strategy planning of DRG

- ✓ All hospitalization and treatments have a registered ICD code by the end of year 2022
- ✓ Guidelines will be created for registering treatments and surgical procedures (NCSP-IS)
- ✓ Efforts will be made to standardize the use of secondary diagnosis

## Work group conclusions

- ✓ Preliminary conclusions are divided into three main categories; **technology, work procedure and human resources**
- ✓ Performing search for codes made easier in EMR systems
- ✓ Develop a solution where the EMR systems suggests additional diagnosis based on what is already recorded in the medical record
- ✓ Work procedure needs to be revised, improved, simplified and standardized
- ✓ Increase the number of HIM employees
- ✓ Give Health Information Managers officially more responsibility

# Implementation of DRG - next steps

- ✓ Strengthening the Department of Medical Records and Archives coding team by hiring additional Health Information Managers
- ✓ Team members will gain specialization and training in registration, coding and DRG
- ✓ Consultant for the hospital's specialties
- ✓ Work on specific projects related to coding
- ✓ Quality and safety control

University of  
Iceland  
Health Information Management

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# Health Information management (HIM)

Health Information Management is a registered profession by the Directorate of Health in Iceland which requires formal exam of qualification.

Health Information Management is an independent 90 ECTS multidisciplinary program in the Faculty of Medicine (since 2019)

- qualifies as step 5.1 according to the Icelandic criteria of education.
- ✓ Academic and practical program which is organized into two units:
- 60 credits academic courses in form of distance studies
  - 30 credits practical courses, mixed form of distance studies and practical training in health institutions

## HIM – Key elements

Legislation and  
ethics 8 ECTS

Health related  
courses 17 ECTS

Information  
sciences 15 ECTS

English /  
Icelandic 14  
ECTS

IT / Classification  
and coding 6  
ECTS

## Clinical coding and supporting courses

- ✓ 2 ECTS Information technology in Health Sciences
- ✓ 4 ECTS Classification and coding of diseases and medical procedures in Health Information Management
  - (ICD-10/11, NCSP, DRG, causes of death registration, cancer registration etc.)
- ✓ 6 ECTS Pathology
- ✓ What can be done to meet the future requirements of the coding teams?

## Need for expansion

- ✓ The current composition of the diploma program for HIM does not allow any major changes
- ✓ Estimated minimum requirements
  - 10 ECTS Classification and coding (instead of 4)
  - 5 -10 ECTS Information technology for Health Sciences (instead of 2)
  - 10 ECTS Pathology (instead of 6)
  - Equals one university term
- ✓ Ongoing conversation about necessary expansion of the current 90 ECTS study program
- ✓ BA /BS 180 ECTS?

# BA program – 180 ECTS in process

## Study plan

- Academic courses 126 ECTS (60 in the current program)
- Practical training 36 ECTS (30 in the current program)
- Final project 18 ECTS (no in the current program)

## Special focus

- ✓ Administration
  - Quality management
  - Strategy planning /strategy theory
  - Communication and teamwork
- ✓ Clinical coding with focus on DRG
  - Health related databases and quality control
- ✓ Statistics and methodology

Thank you!



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