

# Medical Information

**Databases ● Toxicology ●  
Pharmakology Drugs ●  
Medical devices ●  
Health Technology Assessment ●  
Health telematics ●  
Medical classifications**

WHO collaborating centre for the family of international  
classifications

Robert Jakob

# Terminology why now?



## 1) Reimbursement:

access classifications ICD and procedures

## 2) healthcard and health telematics system

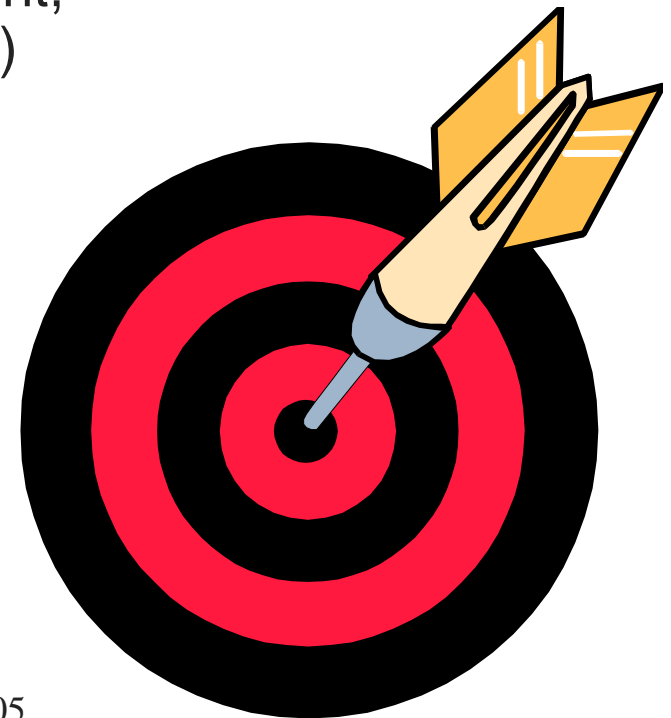
First step: drug contraindication check

# Terminology: users

DIMDI

## Medical Documentation

- decision support systems (drug contraindication check)
- integrated care (in/out patient, disease management prog.)
- Quality ensurance
- Reimbursement
- Research
- Epidemiology
- Medical documentation



# Terminology: medical staff



- In daily work
- Reluctance to use computers
- To code ICD and procedures by law
- Access classifications via index

# Terminology, what do we have?

The logo for DIMDI (Deutscher Institut für Medizinische Dokumentation und Information) is displayed in a stylized, orange-outlined font. It is positioned on the right side of a horizontal line that consists of a thick brown top bar and a thinner blue bottom bar.

Nothing

-UMLS

-SNOMED

# Terminology:



Alphabetical index for the coding diagnoses and procedures for funding

## **Pro**

- + Exists in all systems in use in primary care
- + Clinical terms have been added following user request
- + Maintenance ensured
- + Mapping to classifications

## **Contra**

- No structure except classification
- No interoperability at international level

# Terminology



## **First step:**

generate indices with stable ID (SUI)

## **Second step:**

Underly a structure, e.g. precode with  
SNOMED

# Terminology: Research questions



- Linkage / translation via linkage to multiaxial system possible?
- Standardized representation of SUI internationally?
- Set of definitions specially for the procedures: incoherence of the medical language? (CCAM+++)
- How to keep track with the rapid evolution in procedures terminology?