MedDRA <> SNOMED
Mapping Use Cases

Martin A.O.H. Menke
Global Medical Coding Lead
CSL Behring
ICSR reporting from EHR – today …

Electronic Health Record (EHR)

Manual transfer of data

Including re-coding …

Adverse event database
Direct ICSR reporting from EHR

Electronic Health Record (EHR) → Map → Report Generation → Adverse Event Report (E2B) → Reporting → Adverse event database
Correlation between SmPC & EHR today …

Electronic Health Record (EHR)

Patient’s medical conditions

Manual check

Summary of product characteristics (SmPC)

Indication Contraindication Warning Interaction, etc.

MedDRA - Medical Dictionary for Regulatory Activities

Medicines Information Bank
Integration of SmPC information to EHR …
Healthcare information for RWD Study (1)

Data do not compare directly!

Clinical Trial

Patient Selection

Indication, Inclusion / Exclusion criteria, etc. ...

Results

Efficacy
Risk / Benefit
Adverse reactions

Electronic Health Record (EHR)

Patient Selection

Results

RWD: Real Word Data
Healthcare information for RWD Study (2)

- MedDRA: Medical Dictionary for Regulatory Activities
- WEB-RADR
- Clinical Trial
- Patient Selection: Indication, Inclusion / Exclusion criteria, etc.
- Results: Efficacy, Risk / Benefit, Adverse reactions
- Electronic Health Record (EHR)

RWD: Real Word Data
Standardisation in analysis of real world medical data

Electronic Health Record (EHR)

Map A
Map B
Map C
Map D
Study of maintenance therapy for solid organ transplantation …

- Clinical uncertainties about substitution with generic immunosuppressants
- Bioequivalence, safety / efficacy under debate
- Lack of reliable clinical data for generics

Resolution: Retrospective pharmacoepidemiologic study

- Analysis of two populations (EU, US)
- Four unique sources (2 transplant registries, 2 population-based data-bases)

- Target sources data recorded in SNOMED CT
- Recoding to MedDRA: too expensive!
Digital development and innovation in clinical trials

Electronic Health Record (EHR) → Map → Clinical Trial → Submission

Data capture in familiar format / environment
Are you interested in participating in the Alpha-Testing?

Please contact:
Jane Millar: jmi@ihtsdo.org
or
Patrick Revelle:
patrick.revelle@meddra.org
Danke