

Minutes WCPT/PSNC meeting
29.01.2014, PSNC, Poznan, Poland

Revisions

Version	Status	Author	Date	Changes
0.1	Draft	Paweł Kominek	29.01.2014	Initial content.
1.0				

Time: 29.01.2014, 09:00-13:00 CEST

Venue: WCPT, Poznan, Poland

Participants: Paweł Kominek (PK)
Marta Wosińska-Wajs (MW)
Michał Kozak (MKoz)
Tomasz Parkoła (TP)
Aleksander Stroiński (AS)

Chair: Paweł Kominek

Minutes by: Paweł Kominek

Minutes

Nr.	Person	Task	Due Date
1	PK	Prepare a list of possible data will be stored at PSNC facilities.	Done

Actions from last call were discussed.

The following data will be stored at PSNC facilities (these also indicate possible retrieval/analysis criteria):

1. Disease type according to ICD-10 supplemented with disease code and description added by the specialist.
 - a. Underlying disease according to ICD-10 code and description
ang. International Classification of Diseases (ICD)
Description:
The International Classification of Diseases (ICD) is the standard diagnostic tool for epidemiology, health management and clinical purposes. This includes the analysis of the general health situation of population groups. It is used to monitor the incidence and prevalence of diseases and other health problems.code



<i>Attribute</i>	<i>Format</i>
<i>ICD-10_code_1</i>	<i>varchar(10)</i>
<i>ICD-10_description_1</i>	<i>varchar(250)</i>

- b. Concurrent disease according to ICD-10 code and description
np: J95.1 - Ostra niewydolność płucna w następstwie zabiegu chirurgicznego na klatce piersiowej
for instance J95.1 - Acute pulmonary insufficiency following thoracic surgery

<i>Attribute</i>	<i>Format</i>
<i>ICD-10_code_2</i>	<i>varchar(10)</i>
<i>ICD-10_description_2</i>	<i>varchar(250)</i>

Reference: <http://www.who.int/classifications/icd/en/>

2. Procedures according to the ICD9 (A international classification system for surgical, diagnostic and therapeutic procedures) supplemented with the description of the procedure

- a. Code and description procedure of ICD-9 (min 5 codes for each patient)

For instance: 34.0 - Streptococcal sore throat

Description:

International Classification of Diseases, Clinical Modification (ICD-9-CM) is an adaption created by the U.S. National Center for Health Statistics (NCHS) and used in assigning diagnostic and procedure codes associated with inpatient, outpatient, and physician office utilization in the United States. The ICD-9-CM is based on the ICD-9 but provides for additional morbidity detail. It consists of two or three volumes: Volumes 1 and 2 contain diagnosis codes. (Volume 1 is a tabular listing, and volume 2 is an index.) Extended for ICD-9-CM

Volume 3 contains procedure codes. ICD-9-CM only

<i>Attribute</i>	<i>Format</i>
<i>ICD-9_code_1(2,3,4,5)</i>	<i>varchar(15)</i>
<i>ICD-9_description_1(2,3,4,5)</i>	<i>varchar(500)</i>

Reference: <http://www.icd9data.com/2013/Volume1/default.htm>

3. Results of laboratory analysis, including date of the analysis.

- a. Complete Blood Count

The complete blood count, or CBC, lists a number of many important values. We consider the following:

<i>Attribute</i>	<i>Description</i>	<i>Unit</i>	<i>Norm</i>	<i>Format</i>
WBC	White blood cell count (WBC or leukocyte count)	<i>varchar(10)</i> <i>e.g. G/L</i>	<i>varchar(100)</i> <i>4,0-10,0</i>	<i>float (990D0)</i>
RBC	Red blood cell count (RBC or erythrocyte)	<i>varchar(10)</i>	<i>4,0-5,0</i>	<i>float (990D0)</i>

	count)	<i>e.g. M/μL</i>		
HcT	Hematocrit	<i>varchar(10)</i> <i>e.g. %</i>	40,0-54,0	<i>float (990D0)</i>
Hbg	Hemoglobin	<i>varchar(10)</i> <i>e.g. mmol/L</i>	8,5-11,0	<i>float (990D0)</i>
MCV	Mean corpuscular volume	<i>varchar(10)</i> <i>e.g. fL</i>	80,0-94,0	<i>float (990D0)</i>
MCHC	Mean corpuscular hemoglobin concentration	<i>varchar(10)</i> <i>e.g. mmol/L</i>	19,0-23,0	<i>float (990D0)</i>
RDW	Red cell distribution width (RDW)	<i>varchar(10)</i> <i>e.g. %</i>	14,6-17,3	<i>float (90D0)</i>
PLT	Platelet count	<i>varchar(10)</i> <i>e.g. tys./μL</i>	150,0-400,0	<i>float (999D0)</i>
MPV	Mean Platelet Volume	<i>varchar(10)</i> <i>e.g. fL</i>	10,4-12,0	<i>float (90D0)</i>

b. Biochemical analysis of serum

<i>Attribute</i>	<i>Description</i>	<i>Unit</i>	<i>Norm</i>	<i>Format</i>
Na	Sodium (Na)	<i>varchar(10)</i> <i>e.g. mmol/L</i>	<i>varchar(100)</i> 136,0-145,0	<i>float (990D0)</i>
K	Potassium (K)	<i>varchar(10)</i> <i>e.g. mmol/L</i>	<i>varchar(100)</i> 3,5-5,1	<i>float (90D00)</i>
GLU	Glucose	<i>varchar(10)</i> <i>e.g. mmol/L</i>	<i>varchar(100)</i> 3,3-5,5	<i>float (990D0)</i>
UREA	Urea	<i>varchar(10)</i> <i>e.g. mmol/L</i>	<i>varchar(100)</i> 2,76- 8,07	<i>float (990D0)</i>
ALT	Alanine aminotransferase	<i>varchar(10)</i> <i>e.g. U/L</i>	<i>varchar(100)</i> 5,0-41,0	<i>float (90D00)</i>
AST	Aspartate	<i>varchar(10)</i>	<i>varchar(100)</i>	<i>float (90D00)</i>

	aminotransferase	<i>e.g. U/L</i>	<i>5,0-40,0</i>	
KRE-S	Creatinine (blood test)	<i>varchar(10)</i> <i>e.g. μmol/L</i>	<i>varchar(100)</i> <i>15,0-37,0</i>	<i>float (90D00)</i>
CHOL	Cholesterol	<i>varchar(10)</i> <i>e.g. mmol/L</i>	<i>varchar(100)</i> <i>3,0-5,0</i>	<i>float (90D0)</i>

4. Description of EKG and date of medical examination.

Maximum 2 description for each patient at the beginning and end of treatment.

<i>Attribute</i>	<i>Format</i>
<i>EKG_report</i>	<i>varchar(500)</i>
<i>EKG_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>

5. RTG examination results, including DICOM files, date of referral, date of medical examination and description of results prepared by the specialist.

Maximum 2 description for each patient at the beginning and end of treatment.

<i>Attribute</i>	<i>Format</i>
<i>RTG_referral</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>
<i>RTG_report</i>	<i>varchar(500)</i>
<i>RTG_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>
<i>Accession_number</i>	<i>varchar(20)</i>

6. CT examination results, including DICOM files, date of referral, date of medical examination and description of results prepared by the specialist.
Maximum 2 description for each patient at the beginning and end of treatment.

<i>Attribute</i>	<i>Format</i>
<i>CT_referral</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>
<i>CT_report</i>	<i>varchar(500)</i>
<i>CT_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>

7. Ultrasound report (USG), including date of referral and date of examination.
Maximum 2 description for each patient at the beginning and end of treatment.

<i>Attribute</i>	<i>Format</i>
<i>USG_referral</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>
<i>USG_report</i>	<i>varchar(500)</i>
<i>USG_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>

8. Bronchoscopy examination results, including DICOM files, date and description

<i>Attribute</i>	<i>Format</i>
<i>Bronchoscopy_referral</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>
<i>Bronchoscopy_report</i>	<i>varchar(500)</i>
<i>Bronchoscopy_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>

9. Discharge summary

<i>Attribute</i>	<i>Format</i>
<i>Discharge_summary</i>	<i>varchar(1000)</i>

10. Epicrisis

<i>Attribute</i>	<i>Format</i>
<i>Epicrisis</i>	<i>varchar(1000)</i>



11. Recommendations for further treatment

<i>Attribute</i>	<i>Format</i>
<i>Recommendations</i>	<i>varchar(1000)</i>

12. Medical observations.

Maximum 2 observations for each patient at the beginning and end of treatment.

<i>Attribute</i>	<i>Format</i>
<i>Observation</i>	<i>varchar(1000)</i>
<i>Observation_date</i>	<i>datetime(YYY-MM-DD:hhmmss)</i>

13. Information about patient, including complaints, allergies, addiction, blood type, contact with tuberculosis.

<i>Attribute</i>	<i>Format</i>
<i>Complaints</i>	<i>varchar(200)</i>
<i>Allergies</i>	<i>varchar(200)</i>
<i>Addiction</i>	<i>varchar(200)</i>
<i>blood_type</i>	<i>varchar(10)</i>
<i>contact_with_tuberculosis</i>	<i>varchar(50)</i>

14. Information about patient:

<i>Attribute</i>	<i>Format</i>
<i>Id_visit</i>	<i>Index</i>
<i>Id_previous_visit</i>	<i>Index</i>
<i>Date_of_birthday</i>	<i>datetime(YYY-MM-DD)</i>
<i>Postal_code_of_residence</i>	<i>varchar(10)</i>
<i>Date_of_admission_to_hospital</i>	<i>datetime(YYY-MM-DD)</i>
<i>Date_of_discharge_from_hospital</i>	<i>datetime(YYY-MM-DD)</i>
<i>Sex_of_patient</i>	<i>varchar(1)</i>