



**Digitaalse terviseloo meditsiinidokumentide IT standardid ja
publitseerimispõhimõtted**

Õendusepikriis



26.09.2006

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Version	Muutja	Muutmise kuupäev	Muudatus
V 0.01	Jan Jasinski	12.06.06	Algversioon
V 0.02	Jan Jasinski	06.09.06	Kirjeldatud dokumendi ja XML-andmeväljade vastavused
V 1.0	Jan Jasinski	26.09.2006	Lõplik versioon

I. ÕENDUSPEIKRIIS

1. Üldandmed

1.1. Viide algallikale

- 1.1.1. Õendusepikriis. Dokumendi „Digitaalse terviseloo projekti raames meditsiiniterminite ja andmesõnastiku koostamine andmekoosseisu ja meditsiinidokumentide kontekstis” 17.05.2006 tööversiooni punkti 3.1 alampunkt 3 (lk 8 - 9).

1.2. Dokumendi LOINC kood

- 1.2.1. 34745-0 (DISCHARGE SUMMARIZATION NOTE, NURSING)

1.3. Digiteatise liik

- 1.3.1. Statsionaarse haigusjuhu digiteatis

1.4. Sektsioonide loetelu

- 1.4.1. Õendusepikriis (sulgudes CDA malli nimetus):

- 1.4.1.1. "FAM" - "Patsiendi perearst" (Performer)
- 1.4.1.2. "REF" - "Suunaja andmed" (Performer)
- 1.4.1.3. "NHOSP" - "Haiglas viibimine" (Encounter)
- 1.4.1.4. "DGN" - "Lõplik kliiniline diagnoos" (Observation)
- 1.4.1.5. "NSTATE" - "Patsiendi tervislik seisund" (Text)
- 1.4.1.6. "NREGIME" - "Režiimi ja ravialased soovitusd" (Text)
- 1.4.1.7. "INFO" - "Informatsioon" (Text)

1.5. Kommenteeritud näide

- 1.5.1. XML sõnum:
1.5.1.1. XML/Õendusepikriis.xml

1.6. Stiilifailid

- 1.6.1. Dokumendi spetsiifilised XSL-failid:
1.6.1.1. XSL/nursingEpicrisis.xsl

1.7. Nõuded

- 1.7.1. Õendusepikriis koostatakse iga haiglas toimunud struktuuriüksuse külastuse kohta

II. DOKUMENDI JA XML-I ANDMEVÄLJADE VASTAVUSED

2. Õendusepikriis

2.1. Dokumendi nr: ClinicalDocument -> id

2.2. Tervishoiuasutuse andmed: ClinicalDocument -> author -> assignedAuthor -> representedOrganization

2.2.1. **Registreerimiskood (äriregister):** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> id

2.2.2. **Asutuse nimetus:** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> name

2.2.3. **Aadress (tänav, maja, postikood, linn/vald, maakond):** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> addr

2.2.4. **e-post:** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> telecom

2.2.5. **Telefon:** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> telecom

2.2.6. **Faks:** ClinicalDocument -> author -> assignedAuthor -> representedOrganization -> telecom

2.3. Patsiendi isikuandmed: ClinicalDocument -> recordTarget -> patientRole

2.3.1. **Eesnimi:** ClinicalDocument -> recordTarget -> patientRole -> patient -> name -> given

2.3.2. **Perekonnanimi:** ClinicalDocument -> recordTarget -> patientRole -> patient -> name -> family

2.3.3. **Isikukood:** ClinicalDocument -> recordTarget -> patientRole -> id

2.3.4. **Sünniaeg (pp.kk.aaaa):** ClinicalDocument -> recordTarget -> patientRole -> patient -> birthTime

2.3.5. **Sünnikoht:** ClinicalDocument -> recordTarget -> patientRole -> patient -> birthplace

2.3.6. **Vanus, vastsündinu vanus (alla aastasel lapsel kuudes, päevades):** ClinicalDocument -> recordTarget -> patientRole -> patient -> birthTime -> width

2.3.7. **Sugu:** ClinicalDocument -> recordTarget -> patientRole -> patient -> administrativeGenderCode

2.3.8. **Tegelik elukoht (tänav, maja, korter, postikood, linn/vald, maakond, riik):** ClinicalDocument -> recordTarget -> patientRole -> addr

2.3.9. **Amet:** ClinicalDocument -> recordTarget -> patientRole -> providerOrganization -> templateId

2.3.10. **Töökoht:** ClinicalDocument -> recordTarget -> patientRole -> providerOrganization -> name

2.3.11. **Kontaktisikud:** (ClinicalDocument -> recordTarget -> patientRole -> patient -> guardian)

2.3.11.1. **ees- ja perekonnanimi:** ClinicalDocument -> recordTarget -> patientRole -> patient -> guardian -> guardianPerson -> name

2.3.11.2. **isikukood:** ClinicalDocument -> recordTarget -> patientRole -> patient -> guardian -> id

2.3.11.3. **seos patsiendiga (loend):** ClinicalDocument -> recordTarget -> patientRole -> patient -> guardian -> code

2.3.11.4. **telefoninumber:** ClinicalDocument -> recordTarget -> patientRole -> patient -> guardian -> telecom

2.4. Patsiendi perearst: ClinicalDocument ->component -> structuredBody -> component -> section (FAM)-> entry -> act

2.4.1. **Eesnimi:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> assignedPerson -> name -> given

2.4.2. **Perekonnanimi:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> assignedPerson -> name -> family

2.4.3. **Arsti registreerimiskood:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> id

2.4.4. **Praksis:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization

2.4.4.1. nimi: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> name

2.4.4.2. aadress: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> addr

2.4.4.3. telefon: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> telecom

2.4.4.4. e-post: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> telecom

2.5. Suunaja andmed: ClinicalDocument ->component -> structuredBody -> component -> section (REF) -> entry -> act

2.5.1. **Eesnimi:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> assignedPerson -> name -> given

2.5.2. **Perekonnanimi:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> assignedPerson -> name -> family

2.5.3. **Arsti registreerimiskood:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> id

2.5.4. **Eriala (kood ja nimetus):** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> realmCode

2.5.5. **Tervishoiuasutus:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization

2.5.5.1. registreerimiskood: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> id

2.5.5.2. asutuse nimetus: ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> act -> performer ->assignedEntity -> representedOrganization -> name

2.6. Haiglas viibimine: ClinicalDocument ->component -> structuredBody -> section (NHOSP)-> entry -> encounter

2.6.1. **Saabumise viis:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> encounter -> precondition -> criterion -> value

2.6.2. **Erakorralisus:** ClinicalDocument ->component -> structuredBody -> section -> entry -> encounter -> priorityCode

2.6.3. **Algusaeg (pp.kk.aaaa) - lõppaeg (pp.kk.aaaa):** ClinicalDocument ->component -> structuredBody -> section -> entry -> encounter -> effectiveTime

2.6.4. **Osakond:** ClinicalDocument ->component -> structuredBody -> component -> section -> entry -> encounter -> entryRelationship -> encounter -> performer -> assignedEntity -> representedOrganization -> asOrganizationPartOf -> wholeOrganization -> asOrganizationPartOf -> code

2.7. Lõplik kliiniline diagnoos: ClinicalDocument ->component -> structuredBody -> section (DGN) -> entry -> observation

2.7.1. Põhihaigus

- 2.7.1.1. **arsti sõnaline diagnoos:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> originalText
- 2.7.1.2. **diagnoosi nimetus RHK-10 järgi:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.1.3. **kood RHK-10:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.1.4. **diagnoosi täpsustus ("+" elus esmakordselt, "-" korduvalt ja "0" täpsustamata):** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> qualifier

2.7.2. Põhihaiguse tüsistus

- 2.7.2.1. **arsti sõnaline diagnoos:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> originalText
- 2.7.2.2. **diagnoosi nimetus RHK-10 järgi:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.2.3. **kood RHK-10:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value

2.7.3. Kaasuivad haigused (1 või enam)

- 2.7.3.1. **arsti sõnaline diagnoos:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> originalText
- 2.7.3.2. **diagnoosi nimetus RHK-10 järgi:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.3.3. **kood RHK-10:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.3.4. **diagnoosi täpsustus ("+" elus esmakordselt, "-" korduvalt ja "0" täpsustamata):** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> qualifier

2.7.4. Välispõhjus

- 2.7.4.1. **diagnoosi nimetus RHK-10 järgi:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.4.2. **kood RHK-10:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value
- 2.7.4.3. **IDB klassifikaator:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value

2.7.5. Pahaloomulise kasvaja levik

- 2.7.5.1. **staadium:** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value -> qualifier
- 2.7.5.2. **TNM klassifikatsiooni kood :** ClinicalDocument ->component -> structuredBody -> section -> entry -> observation -> value

2.8. Patsiendi tervislik seisund: ClinicalDocument ->component -> structuredBody -> section (NSTATE) -> text

2.8.1. Üldjuhul on tegemist vabateksti väljaga: ClinicalDocument ->component -> structuredBody -> section -> text -> paragraph -> content

2.8.2. Kui tervishoiuasutuse infosüsteem võimaldab on info jagatud plokkidesse:

- 2.8.2.1. **ploki pealkiri:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> caption
- 2.8.2.2. **ploki sisu:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> content

2.9. Soovitused edasiseks õendus-hooldustegevuseks ClinicalDocument ->component -> structuredBody -> section (NREGIME) -> text

2.9.1. Üldjuhul on tegemist vabateksti väljaga: ClinicalDocument ->component -> structuredBody -> section -> text -> paragraph -> content

2.9.2. Kui tervishoiuasutuse infosüsteem võimaldab on info jagatud plokkidesse:

- 2.9.2.1. **ploki pealkiri:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> caption

2.9.2.2. **ploki sisu:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> content

2.10. Informatsioon: ClinicalDocument ->component -> structuredBody -> section (INFO) -> text

2.10.1. **Üldjuhul on tegemist vabateksti väljaga:** ClinicalDocument ->component -> structuredBody -> section -> text -> paragraph -> content

2.10.2. **Kui tervishoiuasutuse infosüsteem võimaldab on info jagatud plokkidesse:**

2.10.2.1. **ploki pealkiri:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> caption

2.10.2.2. **ploki sisu:** ClinicalDocument ->component -> structuredBody -> section -> text -> list -> item -> content

2.11. Epikriisi koostamise kuupäev, pp.kk.aaaa: ClinicalDocument -> effectiveTime

2.12. Koostaja: ClinicalDocument -> author -> assignedAuthor -> assignedPerson

2.12.1. **ees- ja perekonnanimi:** ClinicalDocument -> author -> assignedAuthor -> assignedPerson -> name

2.12.2. **registreerimiskood:** ClinicalDocument -> author -> assignedAuthor -> id

2.12.3. **eriala (kood ja nimetus):** ClinicalDocument -> author -> assignedAuthor -> realmCode