

Health & Care Information Model: nl.zorg.TextResult-v4.2

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1. nl.zorg.TextResult-v4.2

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DCM::Version	4.2
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

Publicatieversie 1.1 (01-07-2013)

Publicatieversie 1.2 (01-04-2015)

Bevat: ZIB-76, ZIB-130, ZIB-274, ZIB-275, ZIB-322, ZIB-323, ZIB-370.

Incl. algemene wijzigingsverzoeken:

ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-423, ZIB-453.

Publicatieversie 4.0 (04-09-2017)

Bevat: ZIB-549, ZIB-576.

Publicatieversie 4.1 (31-12-2017)

Bevat: ZIB-646.

Publicatieversie 4.2 (01-10-2018)

Bevat: ZIB-630.

1.2 Concept

Textual results describe the findings and interpretation of diagnostic or therapeutic procedures carried out on patients or on specimens from the patient.

1.3 Mindmap

1.4 Purpose

Recording the results of diagnostic procedures for the purpose of communicating these with the person requesting the procedure and documenting the findings resulting from therapeutic procedures.

1.5 Patient Population

1.6 Evidence Base

Most results of procedures and some laboratory test results are descriptive by nature. This includes reports from radiology, pathology, scopies, ultrasounds, etc. and laboratory tests such as cultures, in which results, interpretation and advice form integral parts of the result. This information model can be used for these (mainly unstructured) results.

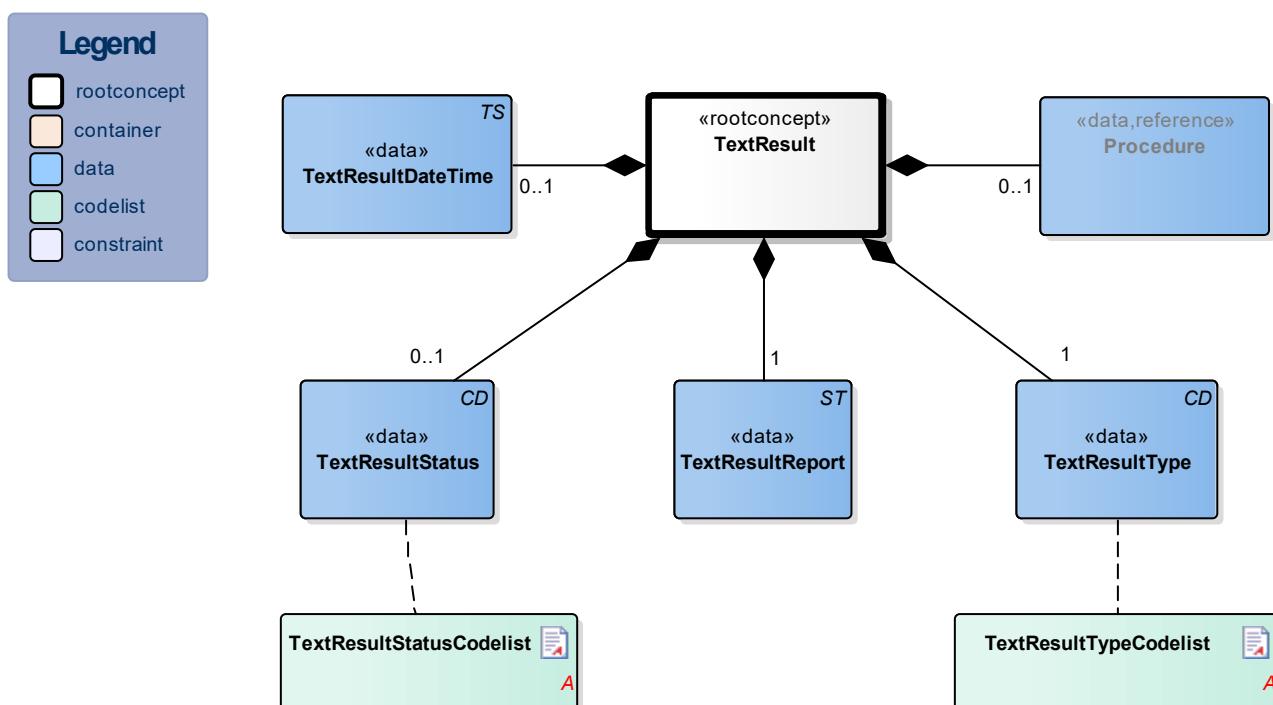
For laboratory test results, it is difficult to clearly indicate exactly when to use this information model and when to use the LaboratoryTestResult information model.

In general, laboratory tests resulting in a value (7.1 mmol/L), ordinal number (++ from series to +++) or a quantitative result (Low) can best be transferred using the LaboratoryTestResult, whereas this information model is better suited for textual results containing more than just a few words.

Both types of tests occur in almost all laboratories.

Applicability is not determined by the kind of lab but by the kind of result.

1.7 Information Model



«rootconcept»	TextResult	
Definitie	Root concept of the TextResult information model. This root concept contains all data elements of the TextResult information model.	
Datatype		
DCM::ConceptId	NL-CM:13.2.1	
Opties		

«data»	TextResultDateTime	
Definitie	Date and if possible time of the result. Date on which the procedure that TextResult documents, took place.	
Datatype	TS	
DCM::ConceptId	NL-CM:13.2.3	
DCM::ExampleValue	10-12-2012	
Opties		

«data»	Procedure	
Definitie	Reference to the Procedure information model including the date of the procedure, requesting and executive specialty.	
Datatype		
DCM::ConceptId	NL-CM:13.2.5	
DCM::DefinitionCode	SNOMED CT:363714003 Interprets	
DCM::ReferencedConceptId	NL-CM:14.1.1	This is a reference to the rootconcept of information model Procedure.
Opties		

«data»	TextResultStatus	
Definitie	The status of the result.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.2.6	
DCM::ExampleValue	Definitief	
DCM::ValueSet	TextResultStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.2.2
Opties		

«data»	TextResultReport	
Definitie	The text report detailing the actual results of the test or procedure.	
Datatype	ST	
DCM::ConceptId	NL-CM:13.2.2	
Opties		

«data»	TextResultType	
Definitie	The type of result.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.2.4	
DCM::ExampleValue	Pathologie	

DCM::ValueSet	TextResultTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.2.1
Opties		

«document»		TextResultStatusCodelist	
Definitie			
Datatype			
DCM::ValueSetBinding	Extensible		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.2.2		
Opties			

TekstStatusCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.2.2		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Pending	pending	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Uitslag volgt
Preliminary	preliminary	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Voorlopig
Final	final	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Definitief
Appended	appended	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Aanvullend
Corrected	corrected	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Gecorrigeerd

«document»		TextResultTypeCodelist	
Definitie			
Datatype			
DCM::ValueSetBinding	Extensible		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.2.1		
Opties			

TekstUitslagTypeCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.2.1	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Omschrijving
Microbiology	19851009	SNOMED CT	2.16.840.1.113883.6.96	microbiologie
Imaging	363679005	SNOMED CT	2.16.840.1.113883.6.96	overige beeld vormende techniek
X-ray	363680008	SNOMED CT	2.16.840.1.113883.6.96	röntgen
Ultrasound	16310003	SNOMED CT	2.16.840.1.113883.6.96	echografie
CT	77477000	SNOMED CT	2.16.840.1.113883.6.96	CT
MRI	113091000	SNOMED CT	2.16.840.1.113883.6.96	MRI
Angiography	77343006	SNOMED CT	2.16.840.1.113883.6.96	angiografie
Cardiac Echo	40701008	SNOMED CT	2.16.840.1.113883.6.96	echocardiografie
Nuclear Medicine	371572003	SNOMED CT	2.16.840.1.113883.6.96	nucleaire geneeskunde
Pathology	108257001	SNOMED CT	2.16.840.1.113883.6.96	pathologie
Procedure	71388002	SNOMED CT	2.16.840.1.113883.6.96	procedure
PET CT	450436003	SNOMED CT	2.16.840.1.113883.6.96	PET CT

1.8 Example Instances

Tekst Uitslag Datum Tijd	05-12-2014 17:00 uur
Tekst Uitslag Type	Röntgen
Tekst Uitslag Status	Voorlopig
Verrichting	
VerrichtingType	CR THORAX BED (085002BED)
Uitvoerder	Dr. A
Locatie	Radiologie
Aanvrager	Onbekende arts
TekstResultaat	
<p>Klinische gegevens: Opname van het respiratoire insufficiëntie bij pneumonie. Vraagstelling: Afname infiltraat? Verslag: Liggende opname vergeleken met onderzoek van 31/10/2012. Hoogliggende positie van de trachea tube 7 cm boven de carina, idealiter 4-6 cm. Onveranderd goede positie van jugularislijn over rechts met tip in vena cava superior. Twee lijnstructuren te volgen over de oesophagus tot subdiafragmaal. Hoogstand van het rechter hemidiafragma conform. Pleuravocht rechts. Goede afgrensbaarheid linker diafragma en enige afname stuwingsbeeld. Iets afname van diffuse consolidatie rechter thoraxhelft. Verdichting in de fissura minor, passend bij plaatatelectase. Conclusie: Hoge ligging trachea tube. Iets afname van diffuse consolidaties rechter thoraxhelft. Afname stuwingsbeeld.</p>	

TekstUitslagDatumTijd	15-08-2014 11:00 uur
TekstUitslagType	Procedure
TekstUitslagStatus	Definitief
Verrichting	
VerrichtingType	Colonoscopie
Uitvoerder	Dr. B
TekstResultaat	
<p>Indicatie gemetastaseerd NSCLC st IV wv chemotherapie en radiotherapie. Sinds 4 wkn persisterende diarree. radiatie proctitis? Premedicatie: Geen.</p> <p>Verslag Het colon is voorbereid met Klean Prep. Introductie vindt plaats tot in het coecum met identificatie van appendixopening en valvula bauhini zonder inspectie van terminale ileum. De darm is goed gereinigd.</p> <p>Anus Hemorrhoiden. Bij RT: geen afwijkingen voelbaar.</p> <p>Darm Het lumen van de dikke darm is normaal van kaliber. Linkszijdige diverticulose. Het slijmvlies van het gehele colon toont geen afwijking. Rectum bij inversie wel bekeken, hemorrhoiden.</p> <p>Inzending voor histologie PA I colon ascendens biopten PA II transversum biopten PA III sigmoid PA IV rectum</p> <p>Complicaties Geen. Indien binnen 30 dagen een mogelijke late complicatie wordt waargenomen, verzoek ik u dit aan ons te melden.</p> <p>Conclusie Geen afwijkingen waarneembaar bij coloscopie.</p> <p>Advies Expectatief tav diarree. Het verdere beleid is afhankelijk van de uitslag van het onderzoek door de patholoog-anatoom;</p> <p>Code: 20829</p>	

1.9 Instructions

1.10 Interpretation

1.11 Care Process

1.12 Example of the Instrument

1.13 Constraints

1.14 Issues

1.15 References

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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