Hematocrit test result

Entity: Cluster

Concept description:	**Identification:**
Red blood cells in a blood sample test results as a single value.	*Id*: openEHR-EHR-CLUSTER.laboratory_test_panel-hematocrit.v0 *Reference model*: openEHR_EHR

Purpose	**Use**	**Misuse**	**Copyright**	**References**	**Contact**
To record Volume percentage of Hematocrit in blood results. LOINC: 20570-8 Hematocrit [Volume Fraction] of Blood The volume of packed red blood cells in a blood sample. The volume of packed red blood cells in a blood sample. The volume is measured by centrifugation in a tube with graduated markings, or with automated blood cell counters. It is an indicator of erythrocyte status in disease. For	To record Volume percentage of red blood cells in blood test results as a single value. Normally used in conjunction with a parent Laboratory test result (Observation) archetype.	Should not be used to record Anatomical pathology macroscopic/microscopic findings.	© openEHR Foundation	Based on NEHTA 'Pathology Test' archetype. Available from: http://dcm.nehta.org.au/ckm/OKM.html#showarchetype_1013.1.839_8 Pathology (Data Specifications) Version 1.0 [Internet]. Sydney, Australia: National E-Health Transition Authority; 2007 May 29 [cited 2011 Jul 11]; Available at http://www.nehta.gov.au/component/docman/doc_download/962-pathology-v10. Laboratory Technical Framework, Volume 3: Content, Revision 3.0 [Internet]. USA: IHE International; 2011 May 19; [cited 2011 Jul 11]. Available from: http://www.ihe.net/Technical_Framework/index.cfm#laboratory Hl7 FHIR Observation resource: HL7 FHIR; Available from http://www.hl7.org/implement/standards/fhir/observation.html	Bert Verhees, ROSA Software

example, in anemia the volume is low and in polycythemia it is high. Source: National Library of Medicine, MeSH 2006 SNOMED: 250314004 | Platelet hematocrit measurement (procedure) | NB: This is not cloned in templates from laboratory-tests but specialized. The reason for this is that maintainability becomes hard when there are changes in the model, but the correspondending constraint can occur in more templates (which will happen because, ET decided to have archetypes which can occur in several templates.					

Concept	Description	Constraints	Values
Laboratory result	Specific detailed result, including both the value of the result item, and	***Cluster*** 0..*	

	additional information that may be useful for clinical interpretation.		
Result value	Actual value of the result.	***Quantity*** 0..1	Property = Proportion Units = %; >=30; <=54;
Comment	Comment about the Result.	***Text*** 0..1	Text;
Reference range guidance	Additional advice on the applicability of the reference range.	***Text*** 0..1	Text;
Result status	The status of the result value.	***Text*** 0..1	Internal; 'Registered', 'Interim', 'Final', 'Amended', 'Cancelled/Aborted', 'Not requested'
Result status timestamp	The date and/or time that the entire result was issued for the recorded ‘Result status’.	***DateTime*** 0..1	Allow all
	Slot Result detail [Cluster]	Include : Cluster	Exclude : Cluster
	Slot Other detail [Cluster]	Include : Cluster	Exclude : Cluster