DIN CEN ISO/TS 13972:2016-03 (E)

Health informatics - Detailed clinical models, characteristics and processes (ISO/TS 13972:2015); English versio n CEN ISO/TS 13972:2015

Coı	Pa					
Fore						
Intr	oductio	1	vi			
1	Scop	3	1			
2	-	s and definitions				
3	Abbreviated terms					
4		ition, purpose, contexts and position of Detailed Clinical Models				
	4.1	Definition of Detailed Clinical Models	8			
	4.2	Purpose for Detailed Clinical Models				
	4.3	Reference (Information) Models and Detailed Clinical Models				
	4.4	Types of Detailed Clinical Models				
	4.5	Context of Detailed Clinical Models	12			
	4.6	Architectural approach to healthcare interoperability and Detailed Clinical Models				
	4.7	Architectural considerations for Detailed Clinical Models based on the GCM	14			
5	Regi	irements and Methodology for Detailed Clinical Models	16			
	5.1	DCM application, structure and management	16			
	5.2	Clinical Requirements	19			
		5.2.1 General	19			
		5.2.2 Clinician/user requirements, involvement, and verification for Detailed				
		Clinical Models				
	5.3	Clinical acceptance, adoption, and use				
	5.4	DCM QMS Processes for the systematic approach for quality of DCMs				
		5.4.1 General				
		5.4.2 General requirements				
		5.4.3 General DCM documentation requirements				
	5.5	DCM Governance				
		5.5.1 General				
		5.5.2 Governance and Management responsibility for Detailed Clinical Models	22			
		5.5.3 Organizing Detailed Clinical Model governance	22			
		5.5.5 Search/access criteria for Detailed Clinical Models				
		5.5.6 Contributors and key competence				
		5.5.7 Clear Accountability				
		5.5.8 Quality				
	5.6	Stakeholder Participation				
	5.7	DCM Development Processes				
	017	5.7.1 General				
		5.7.2 Hazards in data exchange between clinical information systems				
		5.7.3 Include data exchange specifically in Detailed Clinical Model hazard analysis				
		5.7.4 Keep the Detailed Clinical Model as simple as possible				
	5.8	Detailed Clinical Model content and artefacts				
		5.8.1 General	25			
		5.8.2 Clinical concept specification of a particular Detailed Clinical Model	26			
		5.8.3 Context of clinical concept in a Detailed Clinical Model				
		5.8.4 Purpose of the Detailed Clinical Model at instance level				
		5.8.5 Evidence Base for the Detailed Clinical Model topic				
		5.8.6 Description of data elements in the Detailed Clinical Model				
		5.8.7 Instructions for documentation of DCM content				
		5.8.8 Care process / dependence				
		5.8.9 Issues				
		5.8.10 Example of the DCM				
		5.8.11 References	35			

		5.8.12	Copyrights of source materials, Disclaimer, Terms of use and Copyrights			
			for Detailed Clinical Model			
		5.8.13	Metadata	37		
		5.8.14	Version management	41		
			Guidelines and principles for Detailed Clinical Modelling			
			Inclusion of other Detailed Clinical Models			
		5.8.17	Use of terminology	48		
	5.9	Measur	ement, analysis and improvement	48		
		5.9.1	General	48		
			Detailed Clinical Model maintenance			
		5.9.3	Monitoring and measurement	49		
Annex	A (inf	ormative	e) Data type profile used for the logical model parts for Detailed			
	Clinic	cal Mode	ls	50		
Annex B (informative) Example Detailed Clinical Model in UML and Table format						
Biblio	3ibliography					