# DIN EN 12967-2:2008-02 (D)

## Medizinische Informatik - Servicearchitektur - Teil 2: Informationssicht; Englische Fassung EN 12967-2:2007

## Inhalt

Seite


Foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative references ... 5

3 Terms and definitions ... 6

4 Abbreviations ... 6

5 Methodological principles (informative) ... 6
5.1 Language and notation adopted for the specification of the model ... 6
5.2 UML Class Diagram notation guidelines and profile ... 7
5.3 Clusters of objects in the information model ... 8
5.4 Operational and descriptive information: classifications, knowledge and its instantiation ... 10
5.5 DataTypes ... 11
5.6 Organization of the document ... 12

6 General characteristics of the model ... 13
6.1 Common structure of each information object: the GenericHisaClass ... 13
6.2 UML Diagram ... 14
6.3 Specification of Generic HISA Class ... 15
6.3.1 Class: Set of structured attributes ... 15
6.3.2 Class: Set of class specific attributes ... 15
6.3.3 Class: Set of common attributes ... 16
6.3.4 Class: Set of system attributes ... 16
6.3.5 Class: Set of version attributes ... 17
6.3.6 Class: Extended attributes ... 17
6.3.7 Class: State changes ... 18
6.3.8 Class: Business rules ... 18
6.3.9 Class: Classification criteria ... 19

7 The Reference Information models ... 19
7.1 Classification Objects ... 19
7.1.1 Scope ... 19
7.1.2 UML information model ... 20
7.1.3 Specification of the individual classes ... 20
7.2 Subject of Care Objects ... 24
7.2.1 Scope ... 24
7.2.2 UML information model ... 24
7.2.3 Specification of the individual classes ... 25
7.3 Activity Management Objects ... 30
7.3.1 Scope ... 30
7.3.2 UML information model ... 31
7.3.3 Specification of the individual classes ... 32
7.4 Clinical and Health Information Objects ... 39
7.4.1 Scope ... 39
7.4.2 UML information model ... 40
7.4.3 Specification of the individual classes ... 41
7.5 Resource Management Objects ... 46
7.5.1 Scope ... 46
7.5.2 UML information model ... 46
7.5.3 Specification of the individual classes ... 47
7.6 User and Authorisation Objects ... 54
7.6.1 Scope ... 54
7.6.2 UML information model ... 55
7.6.3 Specification of the individual classes ... 56

**7.7 Messaging Objects ..... 61**
**7.7.1 Scope ..... 61**
**7.7.2 UML information model ..... 62**
**7.7.3 Specification of the individual classes ..... 63**

**Annex A Mappings between HISA and GPIC (Informative) ..... 67**