



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13940-1:2007

ICS 35.240.80

**HEALTH INFORMATICS - SYSTEM OF
CONCEPTS TO SUPPORT CONTINUITY OF
CARE - PART 1: BASIC CONCEPTS**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales

<http://www.standards.ie>

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
11 July 2007*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2007

Price Code AB

Údarás um Chaighdeáin Náisiúnta na hÉireann

This page is intentionally left BLANK.

EUROPEAN STANDARD

EN 13940-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2007

ICS 35.240.80

Supersedes ENV 13940:2001

English Version

Health informatics - System of concepts to support continuity of care - Part 1: Basic concepts

Informatique de santé - Système de concepts en appui de la continuité des soins - Partie 1: Concepts de base

Medizinische Informatik - Begriffssystem zur Unterstützung der Kontinuität der Versorgung - Teil 1: Grundbegriffe

This European Standard was approved by CEN on 10 May 2007.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 13940-1:2007 (E)**Contents**

| | Page |
|---|------|
| Foreword..... | 5 |
| 0 Introduction..... | 6 |
| 0.1 General..... | 6 |
| 0.2 Target groups..... | 6 |
| 0.3 Notes..... | 6 |
| 0.3.1 General..... | 6 |
| 0.3.2 Subject of care..... | 6 |
| 0.3.3 Description and display of concepts..... | 7 |
| 0.3.4 Concept modelling vs. information modelling..... | 7 |
| 0.3.5 Frequent use of the term 'care' instead of 'health care'..... | 8 |
| 1 Scope..... | 9 |
| 1.1 Main purpose..... | 9 |
| 1.2 Topics outside the scope..... | 10 |
| 2 Normative references..... | 10 |
| 3 Terms and definitions..... | 12 |
| 4 Symbols and abbreviations..... | 14 |
| 5 Domain description and organisational principles..... | 14 |
| 6 Actors in Continuity of Care..... | 15 |
| 6.1 Health care actor..... | 16 |
| 6.1.1 Health Care Device..... | 17 |
| 6.1.2 Health care party..... | 18 |
| 6.1.2.1 Subject of care..... | 20 |
| 6.1.2.2 Health care provider..... | 22 |
| 6.1.2.2.1 Health care organisation..... | 23 |
| 6.1.2.2.2 Health care professional..... | 25 |
| 6.1.2.2.2.1 Health care professional entitlement..... | 27 |
| 6.1.2.2.2.2 Health care professional appointment..... | 28 |
| 6.1.2.3 Health care third party..... | 29 |
| 6.1.2.3.1 Other carer..... | 31 |
| 6.1.2.3.2 Health care supporting organisation..... | 32 |
| 6.1.2.3.2.1 Health care funder..... | 33 |
| 7 Health issues and their management..... | 34 |
| 7.1 Health issue..... | 35 |
| 7.2 Health issue thread..... | 37 |
| 8 Time-related concepts in Continuity of Care..... | 39 |
| 8.1 Period of care..... | 40 |
| 8.2 Contact..... | 41 |
| 8.2.1 Record contact..... | 43 |
| 8.2.2 Encounter..... | 44 |
| 8.3 Contact element..... | 45 |
| 8.4 Episode of care..... | 47 |
| 8.5 Cumulative episode of care..... | 49 |
| 8.6 Sub-episode of care..... | 50 |
| 8.6.1 Health approach..... | 51 |
| 9 Concepts related to activity, use of clinical knowledge and decision support in Continuity of Care..... | 52 |
| 9.1 Clinical guideline..... | 53 |
| 9.2 Protocol..... | 54 |
| 9.3 Programme of care..... | 55 |
| 9.4 Care plan..... | 57 |
| 9.5 Health objective..... | 59 |
| 9.6 Health care goal..... | 60 |
| 9.7 Health care activity..... | 61 |
| 9.7.1 Health care provider activity..... | 62 |
| 9.7.2 Health self care activity..... | 63 |
| 9.7.3 Health care contributing activity..... | 64 |

| | | |
|-------------------------|--|-----|
| 9.7.4 | Health care automated activity..... | 65 |
| 9.8 | Health care activities bundle | 66 |
| 10 | Concepts related to responsibility in Continuity of Care..... | 67 |
| 10.1 | Demand for care..... | 68 |
| 10.2 | Health mandate | 69 |
| 10.2.1 | Demand mandate | 71 |
| 10.2.2 | Care mandate | 73 |
| 10.2.3 | Mandate to export personal data | 75 |
| 10.2.4 | Continuity facilitator mandate..... | 77 |
| 10.3 | Health mandate notification | 79 |
| 11 | Health data management in Continuity of Care | 80 |
| 11.1 | Electronic health record | 81 |
| 11.1.1 | Local health record..... | 82 |
| 11.1.1.1 | Professional health record | 83 |
| 11.1.2 | Sharable data repository | 84 |
| 11.2 | Record component | 86 |
| 11.3 | Specific clinical information request | 87 |
| 11.4 | EHR extract | 88 |
| 11.4.1 | Tailored clinical information | 89 |
| 11.4.2 | Sharable data..... | 90 |
| 11.5 | Non ratified clinical data..... | 91 |
| 11.6 | Clinical data for import..... | 92 |
| 12 | Conformance | 93 |
| 12.1 | Full conformance | 93 |
| 12.2 | Partial conformance..... | 93 |
| Annex A | (informative) On the issue of the subject of care being a group of persons | 94 |
| Annex B | (informative) Overview and explanatory comments..... | 95 |
| Bibliography | | 108 |
| Alphabetical Index..... | | 111 |

EN 13940-1:2007 (E)

Tables

Page

Table B.1 — Kinds of organisations for health care provision 97
 Table B.2 — Hierarchical relationships between concepts related to knowledge, activities and decision support 103
 Table B.3 — Levels of support provided by telematic tools for various levels of co-ordination 106

Figures

Page

Figure 1: Comprehensive UML diagram of actors in continuity of care 15
 Figure 2: Comprehensive UML diagram of health issues and their management 34
 Figure 3: Comprehensive UML diagram of time-related concepts in continuity of care 39
 Figure 4: Comprehensive UML diagram of concepts related to activity, use of clinical knowledge, and decision support in continuity of care 52
 Figure 5: Comprehensive UML diagram of concepts related to responsibility in continuity of care 67
 Figure 6: Comprehensive UML diagram of health data management in continuity of care 80

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-