DIN EN ISO 27269:2022-08 (E)

Health informatics - International patient summary (ISO 27269:2021)

Contents

Page

European foreword ... **5**

Foreword ... **6**

Introduction ... **7**

1 Scope ... **9**

2 Normative references ... **9**

3 Terms and definitions ... **9**
3.1 Healthcare ... 10
3.2 Healthcare actor ... 10
3.3 Healthcare matter ... 11
3.4 Healthcare activity ... 11
3.5 Healthcare planning ... 11
3.6 Time ... 12
3.7 Responsibility ... 12
3.8 Information Management ... 12
3.8.1 Concepts ... 12
3.8.2 Models ... 13
3.8.3 Data ... 14
3.8.4 Process ... 15

4 Abbreviations ... **16**

5 Conformance ... **16**
5.1 Introduction ... 16
5.2 IPS Conformance Detail ... 18

6 Descriptors for the IPS Data Set ... **21**
6.1 Patterns within the IPS Data Set ... 22
6.1.1 General ... 22
6.1.2 Label Concept ... 22
6.1.3 List ... 22
6.1.4 Reference ... 23
6.1.5 Person Name ... 23
6.1.6 Coded Element ... 23
6.1.7 Date Time ... 24
6.1.8 Identifier ... 24
6.1.9 Address ... 24
6.1.10 Telecom ... 24
6.1.11 Organization Name ... 25
6.1.12 Text ... 25
6.1.13 Any ... 25
6.1.14 Range ... 25
6.1.15 Quantity ... 25
6.1.16 Period ... 26
6.1.17 General Time Specification ... 26
6.1.18 String ... 26
6.1.19 Ratio ... 26
6.2 Model Extensibility ... 27

7 Definition of the IPS Document (IPS) ... **27**
7.1 Overview Description: THE IPS DOCUMENT (Table 4) ... 27
7.2 Detailed Description: THE IPS DOCUMENT ... 28

8 Definition for IPS Attribute Collection: PATIENT ATTRIBUTES 31
8.1 Overview Description: PATIENT ATTRIBUTES (Table 5) 31
8.2 Detailed Description: PATIENT ATTRIBUTES 31

9 Definition for IPS Attribute Collection: HEALTHCARE PROVIDER 33
9.1 Overview Description for HEALTHCARE PROVIDER (Table 6) 33

9.2 Detailed Description for HEALTHCARE PROVIDER 33

10 Definition for IPS Attribute Collection: PATIENT'S ADDRESS BOOK 33
10.1 Overview Description for PATIENT'S ADDRESS BOOK (Table 7) 33
10.2 Detailed Description for PATIENT'S ADDRESS BOOK 34

11 Definition for IPS Section: ADVANCE DIRECTIVES 35
11.1 Overview Description for ADVANCE DIRECTIVES (Table 8) 35
11.2 Detailed Description for ADVANCE DIRECTIVES 36

12 Definition for IPS Section: ALLERGIES and INTOLERANCES 38
12.1 Overview Description for ALLERGIES and INTOLERANCES (Table 9) 38
12.2 Detailed Description for ALLERGIES and INTOLERANCES 38

13 Definition for IPS Section: FUNCTIONAL STATUS 42
13.1 Overview Description for FUNCTIONAL STATUS (Table 10) 42
13.2 Detailed Description for FUNCTIONAL STATUS 42

14 Definition for IPS Section: HISTORY OF PAST PROBLEMS 44
14.1 Overview Description for HISTORY OF PAST PROBLEMS (Table 11) 44
14.2 Detailed Description for HISTORY OF PAST PROBLEMS 44

15 Definition for IPS Section: HISTORY OF PREGNANCY 46
15.1 Overview Description for HISTORY OF PREGNANCY (Table 12) 46
15.2 Detailed Description for HISTORY OF PREGNANCY 46

16 Definition for IPS Section: HISTORY OF PROCEDURES 49
16.1 Overview Description for HISTORY OF PROCEDURES (Table 13) 49
16.2 Detailed Description for HISTORY OF PROCEDURES 49

17 Definition for IPS Section: IMMUNIZATIONS 51
17.1 Overview Description for IMMUNIZATIONS (Table 14) 51
17.2 Detailed Description for IMMUNIZATIONS 51

18 Definition for IPS Section: MEDICAL DEVICES 53
18.1 Overview Description for MEDICAL DEVICES (Table 15) 53
18.2 Detailed Description for MEDICAL DEVICES 53

19 Definition for IPS Section: MEDICATION SUMMARY 54
19.1 Overview Description for MEDICATION SUMMARY (Tables 16 and 17) 54
19.2 The IPS Medication Summary and IDMP 54
19.3 Detailed Description for MEDICATION SUMMARY 55

20 Definition for IPS Section: PLAN OF CARE 58
20.1 Overview Description for PLAN OF CARE (Table 18) 58
20.2 Detailed Description for PLAN OF CARE 58

21 Definition for IPS Section: PROBLEMS 60
21.1 Overview Description for PROBLEMS (Table 19) 60
21.2 Detailed Description for PROBLEMS 60

22 Definition for IPS Section: RESULTS 62
22.1 Overview Description for RESULTS (Table 20) 62
22.2 Detailed Description for RESULTS 62

23 Definition for IPS Section: SOCIAL HISTORY 64
23.1 Overview Description for SOCIAL HISTORY (Table 21) 64
23.2 Detailed Description for SOCIAL HISTORY 64

24 Definition for IPS Section: VITAL SIGNS **66**
24.1 Overview Description for VITAL SIGNS (Table 22) 66
24.2 Detailed Description for VITAL SIGNS 66

25 Definition for IPS Attribute Collection: Cross Border **68**
25.1 Overview Description for CROSS BORDER (Table 23) 68
25.2 Detailed Description for CROSS BORDER 68

26 Definition for IPS Attribute Collection: Provenance Metadata **69**
26.1 Overview Description for PROVENANCE (Table 24) 69
26.2 Detailed Description for PROVENANCE 69

Annex A (informative) **The first IPS Scenario focussed on 'unscheduled, cross-border care'** **71**

Annex B (informative) **Explicit Trace between eHN Guideline Version 2** **78**

Annex C (informative) **The eHN Guideline, the JIC PS Standards Set, and IPS** **82**

Bibliography **83**