ISO/TS 9320:2024-08 (E)

Health informatics - Standardized data set for transfer of hemodialysis patients

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms,definitionsandabbreviations 1
3.1 Terms and definitions 1
3.2 Abbreviated terms 5

4 Significanceofhaemodialysisdataset 5
4.1 General 5
4.2 Unique elements in the haemodialysis data set 6
4.3 Purpose of a standardized data set 6

5 Use case 7
5.1 General 7
5.2 Haemodialytic patient with no special problems 7
5.3 HIV positive haemodialytic patient 7
5.4 Haemodialytic patient with refractory heart failure 7

6 Data sets for transfer of haemodialysis 8
6.1 General 8
6.2 Fields of required data 10
6.2.1 General 10
6.2.2 Last dialysis date 10
6.2.3 Haemodialysis interval 11
6.2.4 Dry weight 11
6.2.5 Haemodialysis machine model 12
6.2.6 Haemodialysis blood flow rate 12
6.2.7 Haemodialysis access type 12
6.2.8 Haemodialysis access site 13
6.2.9 Haemodialysis access status 13
6.2.10 Hepatitis type B antigen / antibody 14
6.2.11 Hepatitis C virus infection 14
6.2.12 Human immunodeficiency virus infection 15
6.2.13 Dialysis duration 15
6.2.14 Dialysate 16
6.3 Fields of conditionally-required data 16
6.3.1 General 16
6.3.2 Initial dialysis date 16
6.3.3 Last laboratory test date 17
6.3.4 Blood type 17
6.3.5 Diagnosis 18
6.3.6 Blood haemoglobin concentration 18
6.3.7 Blood sodium concentration 19
6.3.8 Blood potassium concentration 19
6.3.9 Blood calcium concentration 20
6.3.10 Blood phosphate concentration 20
6.3.11 Venereal disease research laboratory 21

6.3.12 Pre-dialysis vital sign 22
6.3.13 Post-dialysis vital sign 22
6.3.14 Interdialytic weight gain 23
6.3.15 Prescription 23
6.3.16 Remark note 24
6.4 Fields of optional data 24
6.4.1 General 24
6.4.2 Heparin concentration 24
6.4.3 Remnant kidney function 25
6.4.4 Other laboratory results 25
6.4.5 Radiology report 26
6.4.6 Allergy 26
6.4.7 Presence of heart failure 27
6.4.8 Heart ejection fraction 27
6.4.9 Haemodialysis access construction date 28

Annex A (informative) Example of a haemodialysis referral paper 29

Annex B (informative) Example of an FHIR resource 30

Bibliography 53