ISO/TR 20514:2005-10 (E)

Health informatics - Electronic health record - Definition, scope and context

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Terms and definitions 1

3 Definition of Electronic Health Record 6
3.1 Definitional approach 6
3.2 The key role of interoperability 7
3.3 The basic-generic EHR 8
3.4 The non-shareable EHR 9
3.5 The shareable EHR 10
3.6 The Integrated Care EHR (ICEHR) 10
3.7 Other common types of health records 12
3.8 The personal health record (PHR) 14

4 The EHR 14
4.1 Scope of the EHR 14
4.2 Purpose of the EHR 15
4.3 The Core EHR 15
4.4 The Extended EHR 16
4.5 Comparative features of the Extended EHR and Core EHR 17

5 Context of the EHR 18
5.1 The EHR for different health paradigms 18
5.2 The EHR for different health systems 19
5.3 The EHR for different health sectors, disciplines and settings 19
5.4 The temporal context of the EHR 19
5.5 The functional context of the EHR 20
5.6 Context of the EHR in the health information environment 20

6 EHR systems 21
6.1 Introduction 21
6.2 Survey of EHR system definitions 22
6.3 Categorizations of EHR systems 22
6.4 EHR directory service system 23
6.5 EHR system summary characteristics 24

Annex A (informative) Background to Technical Report 25

Bibliography 26