

# ISO/IEEE 11073-10471:2010-05 (E)

Health informatics — Point-of-care medical device communication — Part 10471:  
Device specialization — Independant living activity hub

---

<b>Contents</b>	<b>Page</b>
Foreword.....	v
Introduction.....	vii
1. Overview.....	1
1.1 Scope.....	1
1.2 Purpose.....	2
1.3 Context.....	2
2. Normative references.....	2
3. Definitions, acronyms, and abbreviations.....	2
3.1 Definitions.....	3
3.2 Acronyms and abbreviations.....	3
4. Introduction to ISO/IEEE 11073 personal health devices.....	3
4.1 General.....	3
4.2 Introduction to IEEE Std 11073-20601 modeling constructs.....	4
5. Independent living activity hub device concepts and modalities.....	5
5.1 General.....	5
5.2 Concepts.....	5
5.3 Collected data.....	5
6. Independent living activity hub domain information model.....	7
6.1 Overview.....	7
6.2 Class extensions.....	7
6.3 Object instance diagram.....	7
6.4 Types of configuration.....	9
6.5 MDS object.....	10
6.6 Numeric objects.....	13
6.7 Real-time sample array objects.....	13
6.8 Enumeration objects.....	13
6.9 PM-store objects.....	26
6.10 Scanner objects.....	26
6.11 Class extension objects.....	26
6.12 Independent living activity hub information model extensibility rules.....	26
7. Independent living activity hub service model.....	27
7.1 General.....	27
7.2 Object access services.....	27
7.3 Object access event report services.....	29

8. Independent living activity hub communication model .....	29
8.1 Overview.....	29
8.2 Communication characteristics .....	29
8.3 Association procedure .....	30
8.4 Configuring procedure .....	31
8.5 Operating procedure.....	32
8.6 Time synchronization.....	32
9. Test associations .....	32
9.1 Behavior with standard configuration .....	33
9.2 Behavior with extended configurations.....	33
10. Conformance.....	33
10.1 Applicability.....	33
10.2 Conformance specification.....	33
10.3 Levels of conformance .....	34
10.4 ICSs.....	34
Annex A (informative) Bibliography.....	39
Annex B (normative) Any additional ASN.1 definitions.....	40
Annex C (normative) Allocation of identifiers .....	43
Annex D (informative) Message sequence examples .....	45
Annex E (informative) Protocol data unit examples .....	47