

# DIN CEN ISO/TS 5615:2025-11 (E)

**Health informatics - Accelerating safe, effective and secure remote connected care and mobile health through standards-based interoperability solutions addressing gaps revealed by pandemics (ISO/TS 5615:2025); English version CEN ISO/TS 5615:2025**

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b>		<b>v</b>
<b>Introduction</b>		<b>vi</b>
<b>1 Scope</b>		<b>1</b>
<b>2 Normative references</b>		<b>1</b>
<b>3 Terms and definitions</b>		<b>1</b>
<b>4 Abbreviations</b>		<b>4</b>
<b>5 RCC-MH care locations and evolution</b>		<b>5</b>
5.1	What is RCC-MH?	5
5.2	Care locations: hospitals, home and community, nursing, outpatient	6
<b>6 RCC-MH relevant care delivery modes and use cases</b>		<b>8</b>
6.1	General	8
6.2	Hospital care	8
6.2.1	Isolation room	8
6.2.2	Remote patient surveillance	9
6.3	Home and community care	9
6.3.1	Telehealth and virtual health	9
6.3.2	Remote delivery of care	9
6.4	Post-acute care	9
6.4.1	LTAC	9
6.4.2	Skilled nursing facility	10
6.5	Outpatient care	10
6.5.1	Remote consultation	10
6.5.2	GP/PCP visit	10
<b>7 RCC-MH challenges and gaps</b>		<b>10</b>
7.1	General	10
7.2	RCC-MH challenges and gaps – Safety and quality	10
7.3	RCC-MH challenges and gaps – Deployment	12
7.4	RCC-MH challenges and gaps – Service support	14
7.5	RCC-MH challenges and gaps – Infrastructure	15
7.6	RCC-MH challenges and gaps – Interoperability	15
7.7	RCC-MH challenges and gaps – Operations	16
7.8	RCC-MH challenges and gaps – Security	17
<b>8 RCC-MH recommendations</b>		<b>19</b>
8.1	Recommendations	19
8.2	RCC-MH recommendations – Safety and quality	19
8.3	RCC-MH recommendations – Deployment	21
8.4	RCC-MH recommendations – Service support	23
8.5	RCC-MH recommendations – Infrastructure	24
8.6	RCC-MH recommendations – Interoperability	24
8.7	RCC-MH recommendations – Operations	25
8.8	RCC-MH recommendations – Security	26
<b>9 Conclusions and path forward</b>		<b>28</b>
9.1	Recommended standards work items	28
9.2	Final thoughts	30

**Annex A (informative) Regulatory and legal reactions to the pandemic..... 31**

**Annex B (informative) RCC-MH interoperability challenges..... 44**

**Annex C (informative) Nomenclature standards landscape for medical devices..... 47**

**Annex D (informative) Accelerating safe effective and secure (SES) RCC-MH..... 53**

**Annex E (informative) RCC-MH socio-technical challenges..... 56**

**Annex F (informative) RCC-MH communications standards landscape..... 57**

**Annex G (informative) RCC-MH cybersecurity standards landscape..... 72**

**Annex H (informative) RCC-MH telehealth standards landscape..... 79**

**Annex I (informative) Device specializations..... 81**

**Annex J (informative) Summary of applicable standards..... 82**

**Annex K (informative) Care delivery locations..... 85**

**Annex L (informative) Conformance landscape..... 87**

**Bibliography..... 89**