

ISO/TR 21730:2007-02 (E)

Health informatics - Use of mobile wireless communication and computing technology in healthcare facilities - Recommendations for electromagnetic compatibility (management of unintentional electromagnetic interference) with medical devices

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms, definitions and abbreviated terms	1
2.1	Terms and definitions	1
2.2	Abbreviated terms	1
3	Current status of management of electromagnetic interference	3
3.1	Mobile wireless equipment in healthcare facilities	3
3.2	The risk of patient harm due to EMI	5
3.3	Existing relevant standards and recommendations	6
3.4	EMC with medical devices and minimization of EMI risk	8
4	Recommendations	9
4.1	General recommendations	9
4.2	Responsibility within healthcare facilities	10
4.3	Inventory within healthcare facilities	10
4.4	Testing within healthcare facilities	11
4.5	Controlled use within healthcare facilities	12
4.6	Non-controlled use within healthcare facilities	13
4.7	RF emissions from network sources	14
4.8	Medical devices within healthcare facilities	14
Annex A (informative) RF technologies		15
Bibliography		34