

ISO 17327-1:2018-02 (E)

Non-active surgical implants - Implant coating - Part 1: General requirements

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	General Requirements	4
4.1	General description of the coating	4
4.2	Generic coating properties	4
4.2.1	General	4
4.2.2	Chemical composition	5
4.2.3	Phase composition	5
4.2.4	Surface texture	6
4.2.5	Coating coverage integrity	6
4.2.6	Dissolvability	6
4.2.7	Coating thickness	7
4.2.8	Adhesion strength	7
4.2.9	Abrasion resistance	7
4.2.10	Porosity and pore size	8
4.2.11	Surface wettability	8
	Annex A (informative) Coating technology examples	9
	Annex B (informative) Examples of intended functions of implant coatings	11
	Annex C (informative) Standards with information related to coatings	12
	Bibliography	14