

DIN EN ISO 21533:2018-04 (E)

Dentistry - Reprocessable cartridge syringes for intraligamentary injections (ISO 21533:2018)

Contents		Page
European foreword		3
Foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements	6
4.1	Design	6
4.2	Barrel	7
4.2.1	General	7
4.2.2	Loading of the cartridge	7
4.3	Threaded needle-mounting hub	8
4.4	Plunger rod	8
4.5	Volume of local anaesthetic delivered	8
4.6	Protective sleeve	8
4.6.1	Number of uses	8
4.6.2	Integrity	8
4.7	Resistance to reprocessing	8
4.7.1	Syringe	8
4.7.2	Protective sleeve (if supplied)	8
5	Test methods	8
5.1	Visual inspection	8
5.2	Measurement of volume delivered	9
5.2.1	Pistol- and pen-grip designs	9
5.2.2	Dosage-wheel design	9
5.2.3	Record of results	9
5.3	Protective sleeve dislodgement	9
5.4	Resistance to reprocessing	9
6	Instructions for use	9
7	Marking	10
7.1	Marking of unit pack	10
7.2	Marking of syringe	10
Annex A (informative) Imperial thread sizes		11
Bibliography		12