Irish Standard
I.S. EN ISO 11953:2010

Dentistry - Implants - Clinical performance of hand torque instruments (ISO 11953:2010)

I.S. EN ISO 11953:2010

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EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

Dentistry - Implants - Clinical performance of hand torque instruments (ISO 11953:2010)

Médecine bucco-dentaire - Implants - Performances cliniques des instruments de serrage (ISO 11953:2010)

This European Standard was approved by CEN on 19 May 2010.

EUROPEAN COMMITTEE FOR STANDARDIZATION
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Contents

Page

Foreword

This document (EN ISO 11953:2010) has been prepared by Technical Committee ISO/TC 106 “Dentistry” in collaboration with Technical Committee CEN/TC 55 “Dentistry” the secretariat of which is held by DIN.

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The text of ISO 11953:2010 has been approved by CEN as a EN ISO 11953:2010 without any modification.

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I.S. EN ISO 11953:2010

INTERNATIONAL STANDARD

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Dentistry — Implants — Clinical performance of hand torque instruments

Médecine bucco-dentaire — Implants — Performances cliniques des instruments de serrage

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Foreword

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ISO 11953 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 8, *Dental implants*.

Introduction

Screw-retained joints are used widely in dental implant systems and for their integrity depend on the creation and maintenance of an appropriate clamping force. Failure of such joints is a documented clinical problem that can have significant impact on the outcome of treatment. Manually operated, suitably calibrated torque wrenches or devices are widely employed in dental implant treatment to tighten screwed joints and should be capable of providing the desired torque in a consistent manner. There is, however, some evidence that this might not always be the case. This International Standard has, therefore, been developed to facilitate the availability of devices that meet the necessary clinical requirements and help ensure a successful clinical outcome.