

# ISO 14801:2016-11 (E)

## Dentistry - Implants - Dynamic loading test for endosseous dental implants

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>General principles .....</b>	<b>2</b>
4.1	Finished device testing .....	2
4.2	Multi-part endosseous dental implants .....	2
4.3	Worst-case testing .....	2
<b>5</b>	<b>Test methods .....</b>	<b>3</b>
5.1	Testing machine .....	3
5.2	Loading geometry .....	3
5.3	Specimen holder and load application .....	6
5.4	Testing environment .....	7
5.5	Loading frequency and wave form .....	7
5.6	Procedure .....	7
5.7	Alternative procedure -- Stair case method .....	8
<b>6</b>	<b>Reporting .....</b>	<b>9</b>
<b>Annex A (informative) Load-cycle diagram .....</b>		<b>11</b>
<b>Annex B (informative) Guide to determination of worst-case conditions .....</b>		<b>12</b>
<b>Bibliography .....</b>		<b>16</b>