

# ISO 14243-1:2009-11 (E)

**Implants for surgery - Wear of total knee-joint prostheses - Part 1: Loading and displacement parameters for wear-testing machines with load control and corresponding environmental conditions for test**

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<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>Principle</b> .....	<b>4</b>
<b>5</b>	<b>Specimens and lubricants</b> .....	<b>4</b>
<b>6</b>	<b>Apparatus</b> .....	<b>5</b>
<b>7</b>	<b>Procedure</b> .....	<b>9</b>
<b>8</b>	<b>Test report</b> .....	<b>10</b>
<b>9</b>	<b>Disposal of test specimen</b> .....	<b>11</b>
<b>Figures</b>		
<b>Annex A (informative) Details of load and displacement parameters for the test cycle described in 3 and 4</b> .....		<b>12</b>