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Second edition  
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## Implants for surgery — Wear of total knee-joint prostheses —

### Part 3: Loading and displacement parameters for wear-testing machines with displacement control and corresponding environmental conditions for test

*Implants chirurgicaux — Usure des prothèses totales de l'articulation du genou —*

*Partie 3: Paramètres de charge et de déplacement pour machines d'essai d'usure avec contrôle de déplacement et conditions environnementales correspondantes d'essai*



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## **Foreword**

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 ([www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword – Supplementary information.

The committee responsible for this document is ISO/TC 150, *Implants for surgery*, Subcommittee SC 4, *Bone and joint replacement*.

This second edition cancels and replaces the first edition (ISO 14243-3:2004) which has been technically revised. It incorporates also the Technical corrigendum ISO 14243-3:2004/Cor 1: 2006.

ISO 14243 consists of the following parts, under the general title *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*
- *Part 2: Methods of measurement*
- *Part 3: Loading and displacement parameters for wear-testing machines with displacement control and corresponding environmental conditions for test*