Implants for surgery — Wear of total hip-joint prostheses —

Part 1:
Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test

Implants chirurgicaux — Usure des prothèses totales de l’articulation de la hanche —
Partie 1: Paramètres de charge et de déplacement pour machines d’essai d’usure et conditions environnementales correspondantes d’essai
Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 14242-1 was prepared by Technical Committee ISO/TC 150, Implants for surgery, Subcommittee SC 4, Bone and joint replacements.

This second edition cancels and replaces the first edition (ISO 14242-1:2002), which has been technically revised.

ISO 14242 consists of the following parts, under the general title Implants for surgery — Wear of total hip-joint prostheses:

— Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test

— Part 2: Methods of measurement

— Part 3: Loading and displacement parameters for orbital bearing type wear testing machines and corresponding environmental conditions for test