
**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**

AMENDMENT 1

*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*

AMENDEMENT 1



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This document was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 4, *Bone and joint replacements*.

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Clause 3

Replace the term and the definition 3.3 with the following:

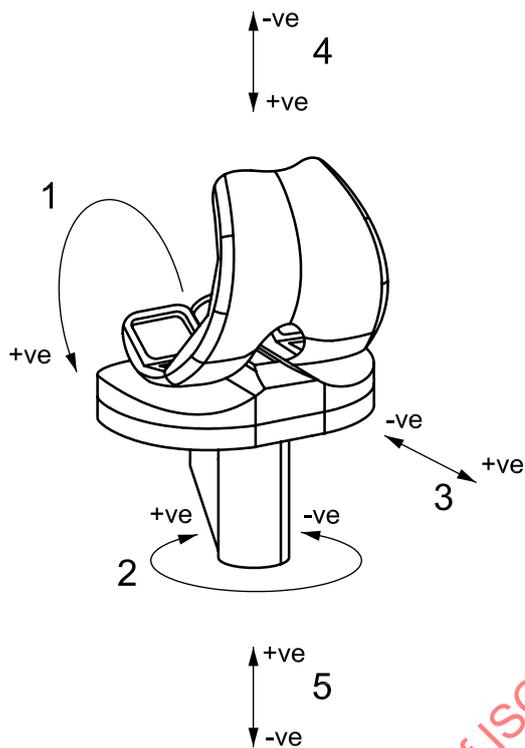
3.3

axial force

force applied to either the tibial component or the femoral component of the knee-joint prosthesis in a direction perpendicular to the transverse plane

Note 1 to entry When applied to the tibial component, the axial force is considered positive when it acts in an inferior-to-superior direction (See Figures 1 and 2); when applied to the femoral component, the axial force is considered positive when it acts in a superior-to-inferior direction.

Replace [Figure 1](#) and key with the following:



Key

- 1 flexion (of femoral component)
- 2 tibial rotation
- 3 AP displacement by the tibial component
- 4 polarity of axial force when applied to the femoral component
- 5 polarity of axial force when applied to the tibial component

Figure 1 — Sign convention for the forces and motions, shown for a left total knee replacement system