KNEEKG™ IN THE LITERATURE


### Arthroplasty
- Dunbar et al. 2016 *Objective Classification of Surgical and Non-surgical Candidates for Arthroplasty Using 3D Knee Kinematics*. At the Canadian Orthopaedic Association annual meeting, Quebec
- Dunbar et al. 2016 *Gait Analysis - Objective Differentiator of Surgical and Non-surgical Candidates for Arthroplasty*. At the Orthopaedic Research Society meeting, Orlando
- Larose G. et al. 2015 *Can total knee arthroplasty aiming for mechanical axis alignment restore neutral frontal plane kinematics during gait?* At the International Congress for Joint Reconstruction, Paris
- Larose G. et al. 2015 *Prospective effect on 3D kinematics of two implants designs: bicruciate-retaining and postero-stabilizing*. At the International Congress for Joint Reconstruction, Paris

### Sports Medicine

### Osteoarthritis
KNEEKG™ VALIDATION AND USE IN CLINICAL STUDIES

Key validation studies

- Fuentes A. et al. 2005 Validation of a new exoskeleton to evaluate three-dimensional knee biomechanics. Canadian journal of surgery vol.48 (suppl.): 26
- Ganjikia S. et al. 2000 Three-Dimensional Knee Analyzer Validation by Simple Fluoroscopic Study. The Knee, 7, pp. 221-231

Other key publications

- N. Mezghani, et al. 2015 A biomechanical analysis of the Impact of Knee osteoarthritis on hip and ankle. 13th International Symposium on Computer Methods in Biomechanics and Biomedical Engineering, Montreal
- Havé L., et al. 2012 Clinical gait analysis after knee ligamentoplasty with KneeKG system. 27th Congrès de Médecine Physique et de Réadaptation, France

- ... and much more!