



2nd Field Session Measurement techniques



Arne Lundberg – co-chairman

Orthopaedic surgeon with particular interest in joint replacement surgery. Involved in studies of implant migration as well as joint kinematics with focus on measurement of actual bone movements. Host of the 3rd symposium in 1994.



Anne-Pascale Maquinghen-Godillon – co-chairman

Assistant professor in LAMIH. She develops systems to assist surgeons for decision making. Her studies are applied on scoliosis and shoulder. She has proposed several movement measurements protocols and has included artificial intelligence in her models.





2nd Field Session

Measurement techniques

- W. Lee, L. Frossard, K. Hagberg, E. Haggstrom, D. Lee Gow, S. Gray & R. Branemark,
Direct Measurement of 3D Force and Moment on Lower-Limb Osseointegrated Fixation
- E. Sapin, H. Goujon, F. de Almeida, P. Fodé & F. Lavaste,
Functional gait analysis of transfemoral amputees using Hydracadence® knee joints compared with other single axis prosthetic knees with hydraulic swing phase control
- Lianne Jones, Cathy Holt & Amy Bowers,
Movement of the Shoulder Complex :The development of a measurement technique based on proposed ISB standards
- Patrick Salvia, Stéphane Bouilland, Victor Sholukha, Véronique Feipel, Serge van Sint Jan & Marcel Rooze,
Three Dimensional kinematics of the Shoulder
- Discussion

