

VII REUNION SCIENTIFIQUE DE L'A.F.J.O.

(Association France - Japon d'Orthopédie)

**GRENOBLE - Amphithéâtre des Ecoles para médicales de l'Hôpital SUD
26 et 27 septembre 2003**

(Avenue de Kimberley ; 38130 ECHIROLLES)

Final Scientific Program

THURSDAY SEPTEMBER 25th 2003 :

WELCOME RECEPTION at the Hôtel (DAUPHITEL) : **18:00 -21:00**

FRIDAY SEPTEMBER 26th 2003 :

08:00 : WELCOME and OPEN CEREMONY

08:30 : **Basic Concepts for Computer Assisted Orthopaedic Surgery :**
Philippe MERLOZ (30 mn.)

09:00 : **First Session :** COMPUTER ASSISTED ORTHOPAEDIC SURGERY

President : T.ONOMURA (Osaka)

Moderator : J. TROCCAZ (Grenoble)

09:00 : **Computer-assisted spine surgery**

S. Ebara , J. Takahashi , I. Nakamura , H. Hirabayashi , J. Kitahara
Dept of Orthopaedic Surgery, Shinshu University School of Medicine,
Matsumoto

09:15 : **MRI-guided aspiration of intradural cysts**

S. Takahashi , S. Morikawa* , Y. Saruhashi , Y. Matsusue
Department of Orthopaedic Surgery and Molecular Neuroscience Research
Center* , Shiga University of Medical Science, Shiga

09:30 : **Enlarging the Adaptation of MED Technique with the support of
Computer Navigation System**

H. Oka , M. Hirakawa , T. Naono ; Oita-Oka Hospital, Department of
Orthopedic Surgery, Oita
T. Yoshiiwa , K. Kuma , H. Taira ; Oita Medical University, Department of
Orthopedic Surgery.

09:45 : **Computer Assisted Knee Surgery : What do we need ?**

D. Saragaglia
University Department of Orthopaedic Surgery, Hôpital Sud, Grenoble

10:00 : **Navigated Total Knee Arthroplasty**

I.Moriyama ; Division of Orthopaedic Surgery, Saiseikai Utsunomiya
Hospital, Tochigi
M. Kawakubo ; Dept. of Orthopaedic Surgery, Tokyo Dental College
Ichikawa General Hospital, Chiba

- 10:15 : **Computer Assisted Surgery for Total Knee Arthroplasty**
E. Stindel
University Department of Orthopaedic Surgery, CHU La Cavale Blanche,
Brest
- 10:30 : **Robot assisted Total Knee Arthroplasty with ROBODOC® surgical system**
A. Kakimoto¹⁾, N. Sugano²⁾, N. Nakamura¹⁾, N. Murata¹⁾,
M. Yamamura¹⁾, H. Yoshikawa²⁾ , T. Ochi²⁾
Department of Orthopaedic surgery , Kyowakai Hospital¹⁾
Department of Orthopaedic surgery , Osaka University Graduate School of
Medicine²⁾ , Osaka
- 10:45 - 11:15 : COFFEE BREAK
- 11:15 : **Second Session : COMPUTER ASSISTED ORTHOPAEDIC SURGERY**
- President : Ph. CINQUIN (Grenoble)
Moderator : S. TAKAHASHI (Shiga)
- 11:15 : **Early clinical results with computer guided the FINE total knee arthroplasty.**
T. Nakamura , T. Suguro , Y. Kanai , K. Kougame
Department of Orthopaedic Surgery ; Toho University, Tokyo
- 11:30 : **ACL Navigation**
R. Julliard, S. Plaweski
Clinique Mutualite des Eaux Claires, Grenoble
University Department of Orthopaedic Surgery, CHU A. Michallon,
Grenoble
- 11:45 : **CT-based navigation for total hip arthroplasty decreases the postoperative dislocation rate**
N. Sugano¹⁾, T. Nishii¹⁾, H. Miki¹⁾, H. Yoshikawa¹⁾, T. Sasama²⁾,
Y. Sato²⁾, S. Tamura²⁾, T. Ochi³⁾
Osaka University Graduate School of Medicine, Osaka
1) Department of Orthopaedic Surgery,
2) Division of Interdisciplinary Image Analysis,
3) Division of Robotic Therapy,
- 12:00 : **Robots : To do what? For what kind of surgery?**
J. Troccaz
TIMC Lab ; IMAG ; Joseph Fourier University, Grenoble
- 12:15 : **Principle and Concepts of Computer Assisted Surgical Protocols in Surgetics Systems.**
S. Lavallée (Grenoble)
- 12:30 : **Virtual Orthopaedic European University**
Ph. Cinquin
University Department of Medical Computer Sciences, CHU A. Michallon,
Grenoble
- 12:45 : Discussion

13:00 - 14:00 : LUNCH

AFTERNOON:

14:00 : **GERDY et SEGOND:**

Deux Chirurgiens français qui ont donné leur nom à la chirurgie du genou
; Akira KOBAYASHI (Fukuoka), Japon

14:50 : **Third Session : KNEE SURGERY**

President : A. KOBAYASHI (Fukuoka)

Moderator : Ph. NEYRET (Lyon)

14:50 : **Osteonecrotic Condition on Magnetic Resonance Imaging Following Arthroscopic Partial Meniscectomy in Osteoarthritis**

T. Hoshi , Y. Nakata , T. Itabashi , K. Nakahara , T. Kawagishi
Takaoka Seishikai Orthopaedic Hospital, Takaoka

15:00 : **Healing of radial Tears of the Posterior Horn of the Medial Meniscus by Rasping**

H. Ihara
Bone Joint Center, Kyushu Rosai Hospital, Kitakyushu

15:10 : **Short-term Results of ALPINA Total Knee Arthroplasty - Comparison with Duracon and NexGen LPS TKAs -**

S. Matsuda , T. Ohdera , A. Kobayashi
Fukuoka Orthopaedic Hospital, Fukuoka, JAPAN

15:20 : **Kinematics oh TKA : Bearing and Sliding.**

M. Bercovy, E. Weber (Paris)

15:30 : **Results of the ROCC TKA.**

M. Bercovy (Paris)

15:40 : **Total knee prosthesis computer assisted. Which knee center to determine mechanical axis in sagittal plan ? Consequences of different options.**

O. Tayot, H. Chavane, J. B_jui-Hugues, JP. Carret, and the SCOR Group
(Lyon)

15:50 : **Score prosthesis : early results. Comparison of a serie of 30 TKA computer assisted with 30 conventional TKA.**

O. Tayot, H. Chavane, J. B_jui-Hugues, JP. Carret, and the SCOR Group
(Lyon)

16:00 : **Septic and aseptic loosening of total knee arthroplasty treated with constrained prosthesis.**

E. Havet, J. Vernois, S. Delpech, P. Mertl, LM. Collet (Picardie Jules Verne University Hospital of Amiens)

16:10 : **The Unilateral knee Arthroplasty in Lateral knee osteoarthritis : a consecutive series of 81 arthroplasties.**

R. Badet, K. Bouattour, C. Bussiere, T. A_t Si Selmi, Ph. Neyret (Lyon)

16:20 : **Total knee arthroplasty after high Tibial Osteotomy.**

R. badet, T. A_t Si Selmi, C. Bussi_re, Ph. Neyret (Lyon)

16:30 : **Anterior Cruciate Reconstruction combined with valgus Tibial Osteotomy ; long term Result.**

Ph. Neyret, N. Bonin, T. A_t Si Selmi, H. Dejour (Lyon)

16:45 - 17:15 : COFFEE BREAK

17:20 : **Fourth Session** : TRAUMA and PEDIATRIC ORTHOPAEDICS

President : Y. SEMOTO (Osaka)

Moderator : J. COTTALORDA (Saint Etienne)

17:20 : **Videoassisted Thoraco lumbar Approach.**

JP. Steib, I. Bogorin, X. Chiffolot (Strasbourg)

17:30 : **Removal of a calcified thoracic disc herniation combining thoracoscopy and 3D navigation.**

J. Del_crin, Y. P_reon, N. Passuti (Nantes)

17:40 : **Stabilization of instable pelvic fractures using percutaneous ilio-transsacral screws and anterior fixation**

JC. Bel, C. Falaise, D. Forissier, L. Ehrard, G. Herzberg (Lyon)

University Hospital Herriot of Lyon France Trauma and Orthopaedic Surgery Department

17:50 : **Unstable Pelvic Ring Fracture Fixed with the M Shaped Trans-Iliac Plate: Report of 2 cases.**

N. Takigawa, S. Nakaoka

Osaka Mishima Emergency and Critical Care Medical Center, Osaka

18:00 : **Virtual Simulator. An educational tool for Pelvic Surgery**

J. Tonetti, L. Vadcard, P. Girard, R. Martin, Ph. Cinquin, J. Troccaz (Grenoble)

18:10 : **Light nailing with autostable screws (Linas) for proximal humerus fractures - Technique and Results for 63 cases.**

Ch. Cuny, M. Irrazi, P. Beau (Metz)

18:20 : **Internal fixation of femoral head fracture using a minimally invasive medial approach: Case Report**

T. Kawasaki , K. Hara , S. Takahasi , H. Kaneko ,

T. Ushiyama , Y. Matsusue

Department of Orthopedic Surgery, Shiga University of Medical Science, Otsu, Japan

18:30 : **Comparison with ultrasonography and magnetic resonance imaging for developmental dislocation of the hip joint**

Y. Imai , T. Kitano , T. Sakai , K. Takaoka

Department of Orthopaedic Surgery, Osaka City University Graduate School of Medicine , Osaka

18:40 : **Orthosis for Scoliosis : A Prospective Study comparing traditional plaster mould manufacturing with fast non contact 3D acquisition.**

J. Cottalorda, R. Kohler, Ch. Garin, C. Pourret, P. Genevois, C. Lecante (Saint Etienne ; Lyon)

18:50 : **Influence of school bag carrying on gait kinetics**
J. Cottalorda, A. Rahmani, M. Diop, V. Gautheron, S. Bourelle, A. Belli, A. Geysant (Saint Etienne)

19:30 : **Adjourn**

20:30 - 23:30 :

PRESIDENT OFFICIAL CONFERENCE DINNER ; **Château de Sassenage**
Bus departure from the hôtel at 20:00

SATURDAY SEPTEMBER 27th 2003:

08:00 : **Fifth Session :HIP SURGERY**

President : H. OHASHI (Osaka)

Moderator : Ch. PICAULT ; JP CARRET (Lyon)

08:00 : **Rotational acetabular osteotomy in patients older than 46 years of age - A comparison with younger patients**

Y. Yasunaga , T. Hisatome , T. Yamasaki , M. Ochi

Department of Orthopaedic Surgery; Hiroshima University School of Medicine, Hiroshima

08:10 : **Long terms results of Chiari's pelvic osteotomy (more than 10 years follow-up)**

S. Yanagimoto , H. Hotta , Y. Yabuki , T. Sasaki , A. Funayama , T. Sakamaki

Department of Orthop. Surg., Keio University, Tokyo, Japan

08:20 : **Horizontal cutaneous lines in standing position for THA**

T. Yamakawa , S. Hosoi

Yamada red-cross hospital, Department of orthopedics, Mie

08:30 : **Evaluation of dislocation factors after total hip arthroplasty**

T. Sasaki , S. Yanagimoto , H. Hotta , Y. Yabuki ; Department of Orthopaedic Surgery, Keio University, Tokyo

A. Funayama , T. Sakamaki ; Department of Orthopaedic Surgery, National Center for Child Health and Development

08:40 : **Dealing with double mobility in THA repeated dislocation.**

JP. Lantuejoul (grenoble)

08:50 : **Modified impaction grafting technique for revision THA with difficult femoral reconstruction**

H. Ohashi , Y. Kadoya , A. Kobayashi , Y. Kaneshiro , K. Takaoka

Department of Orthopaedic Surgery, Osaka City University Medical School, Osaka

09:00 : **Press fit versus Distal locking of cementless stem in extended femoral approach for THR severe failures.**

Ch. Picault (Lyon)

09:10 : **Mid-term results of new KKS non-cement THA system**

H. Hotta , S. Yanagimoto , Y. Yabuki , T. Sasaki , A. Funayama , T.

Sakamaki

Department of orthopaedic surgery, Keio university school of medicine ;
Tokyo, Japan

09:20 : **Planification des PTH (30 ans d'expérience) ; du croquis au programme informatique.**

A. Ray (Lyon)

09:30 : **Orientation de la cupule acétabulaire en PTH ; Importance de la pose première de la pièce fémorale d'essai.**

A. Ray (Lyon)

09:40 : **Vascularized Pedicle Iliac Bone Graft for the Treatment of Aseptic Necrosis of the Femoral Head.**

Revascularization of the necrotic area, does it really occur ?

M. Fujiwara, Dep.of Orthopedic Surgery,Nishi-Kobe Medical Center, Kobe,
Japan

N. Ikeda, Dep.of Orthopedic Surgery, Tamatukuri Kouseinennkinn Hospital

09:50 : **Treatment of osteonecrosis of the femoral head with modified vascularized free fibular bone grafting**

Y. kaneshiro , H. Ohashi , H. Gotani , Y. Kadoya , K. Takaoka

Department of Orthopaedic Surgery, Osaka City postgraduate school of
medicine ; Osaka

10:00 : **Prospective study in idiopathic osteonecrosis of the femoral head in SLE**

Y. Yabuki, S. Yanagimoto, H. Hotta, Y. Toyama

Department of Orthopedic Surgery ; Keio University,Tokyo

10:10 : **Tige fémorale sur mesure non cimentée pour séquelle de développement dysplasique de hanche.**

Etude de 2 à 12 ans de recul

X.Flecher, J.N.Argenson, J.M.Aubaniac.

Université de la Méditerranée, Service de Chirurgie Orthopédique, CHU-
Sud

Hopital Sainte-Marguerite, Marseille, France

10:25 : COFFEE BREAK

10:50 : **Sixth Session :MISCELLANEOUS**

President : T. ONOMURA (Osaka)

Moderator : Ph. MERLOZ (Grenoble)

10:50 : **Percutaneous cementing to prevent osteoporotic distal radius fracture using a calcium phosphate bone substitute:anatomical study in 20 wrists**

P.Liverneaux, Department of orthopedics, St Charles hospital, BP9, F-
17301, Rochefort sur mer, France

11:00 : **Antero-superior transposition of Achilles tendon attachment for dynamic pes equinus**

Y.Semoto , K.Fujiwara , M.Kinoshita , M.Abe ; Department of Orthopedic
Surgery, Osaka Medical College, Osaka

T.Onomura ; Kyoritu Rehabilitation Hospital

- 11:10 : **Bone mineral density and bone metabolism of hemiplegia patients with strokes**
S. Ishikawa
Department of Rehabilitation, Higashi Osaka General Hospital, Osaka
- 11:20 : **Forequarter amputation wound coverage with an osteomyocutaneous free flap from the amputated extremity.**
T. Osanai , H. Kashiwa , A. Ishikawa , M. Takahara , T. Ogino
Department of Orthopaedic Surgery, Yamagata University School of Medicine, Yamagata, Japan
- 11:30 : **Clinical Results of Rotator Cuff Tears Associated with Injuries of the Long Head Biceps Tendon**
G. Yoshikawa , K. Hori , H. Kaneko , Y. Matsusue ;
Department of Orthopaedic Surgery, Shiga University of Medical Science, Shiga
M. Murakami ; Murakami Orthopaedic Clinic
- 11:40 : **Extra articular deformity in TKR:Significance, Solutions**
JL. Briard (Rouen)
- 11:50 : **TKR in patients with gonarthrosis after tibial or femoral fractures. A review of 29 cases**
Y. Catonné, D. Ribeyre, N. Charlot (Paris ; Fort de France)
- 12:00 : **Evaluation of the passive computer assisted system (Ceravision) with "Bone Morphing" for realisation of Total knee Prosthesis.**
D Van driessche (Hôpital Henri Mondor Creteil).
- 12:10 : **The Orthopilot Trauma Project**
Th. Gautheron, F. Leitner (Moutiers ; Grenoble)
- 12:20 : **The AES Prostesis, Ankle Prostesis of primary and revision indications.**
G. Asencio, C. Leonardi (Nimes)
- 12:30 : **Recent evolution of the proof in French health Law.**
J. Caton (Lyon)
- 13:00 : **Adjourn and Lunch**
- 17:00 : Departure from the hôtel to LYON by bus.**