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International Symposium  
INSTITUT DE LA MAIN

**March, 13-14**  
2020

→ **Fédération Française de Football**  
87 Boulevard de Grenelle • 75015  
PARIS, FRANCE

Chairman :  
Anne VIDIL  
Pierre MANSAT



# Elbow Stiffness

→ *Pathogenesis and management*

PROGRAMME

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P. Mansat (Toulouse, France)

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R. Van Riet (Belgium)  
A. Watts (UK)

## EDITORIAL

Dear Colleagues,

The elbow is no more the « forgotten » articulation of orthopedic surgeons. The development of knowledge, the improvement of arthroscopic techniques and the reliability of arthroplasties explain the growing interest for the management of elbow pathologies.

Joint stiffness remains one of the most common complications of elbow pathologies. It can appear early or secondary, during treatment. Sometimes associated with pain or joint instability, its comprehension can be complex as well as its management.

This symposium aims to analyze the physiopathology of elbow contractures, whatever their etiology : inflammatory, post-traumatic, neurological, or degenerative. Through different presentations, video and practical sessions, the experts will share their experience and will propose practical solutions for their therapeutic management. Time for discussion and debate will allow interactive exchanges with colleagues from all over the world.

You are cordially invited to participate to this great inaugural event and to contribute to the success of this first symposium on elbow pathologies.

Looking forward to welcoming you in Paris.

..... A. Vidil, P. Mansat



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→ Pathogenesis and management

## Friday March, 13<sup>th</sup> 2020

### ● STIFFNESS EVALUATION

Clinical exam / Physical evaluation of a stiff elbow  
L. Obert (Besançon, France)

Neurological anatomy : importance of clinical and echographic knowledge  
P. Clavert (Strasbourg, France)

MRI and arthro CT scan : necessary and complementary  
G. Corcos (Paris, France)

How to assess the functional scores of the elbow  
D. Rouleau (Montréal, Canada)

Pre and post-operative rehabilitation : what specificities ?  
V. Salvatore Witvoet (Paris, France)

### ● LECTURE (introduction by P. Mansat)

Stiffness and contracture of the elbow : what difference ?  
B. Morrey (Rochester, MN, USA)

### 1 POST TRAUMATIC STIFFNESS

Why does the elbow become stiff ?  
J. Sanchez Sotelo (Rochester, MN, USA)

Elbow stiffness and extra articular humeral malunions or nonunions  
R. Barco (Spain)

Elbow stiffness and intra articulaire humeral malunions or nonunions  
A. Vidil (Paris, France)

Olecranon monunion and malunion : what are the options ?  
L. Obert (Besançon, France)

Stiffness and instability  
B. Morrey (Rochester, MN, USA)

Pronation and supination of the hand : anatomy and biomechanics  
M. Soubeyrand (Paris, France)

Limitation of forearm rotation : the forgotten stiffness  
A. Watts (UK)

Radial head fracture sequelae : nonunion and malunion  
G. King (Canada)

Interosseous membrane : anatomy and biomechanics  
B. Coulet (Montpellier, France)

### → MINI-DEBATE

Elbow heterotopic ossification : evaluation and management  
J. Sanchez Sotelo (Rochester, MN, USA)

Heterotopic ossification limiting motion : is there a role for arthroscopy ?  
M. O'Brien (US) TBC

### → CLINICAL CASES

Distal humeral fracture : osteoarthritis secondary to infection : what to do ?  
L. Obert (Besançon, France)

Radial head fracture : how to manage stiffness ?  
A. Vidil (Paris, France)

Elbow stiffness after ballistic trauma : what therapeutic management ?  
L. Obert (Besançon, France)



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## → TREATMENT

LECTURE (introduction by A. Gilbert)  
Open arthrolysis : technical points and rehabilitation  
T. Judet (Paris, France)

Arthroscopic osteocapsular arthroplasty for elbow stiffness  
J. Sanchez Sotelo (Rochester, MN, USA)

Stiffness release in a ankylosed elbow with intrinsic stiffness due to joint damage  
A. Schneeberger (Zurich, Switzerland)

The role of 3D modelling for elbow sequelae  
R. Van Riet (Belgium)

ORIF and osteotomy for distal humerus nonunions and malunions  
B. Jost (ST Gallen, Switzerland)

## II STIFFNESS IN CHILDREN

### → CONGENITAL

Elbow synostosis  
R. Habenicht (Hamburg, Germany)

Radio-ulnar synostosis  
F. Soldado (Barcelona, Spain)

### → CONTRACTURE AFTER OBSTETRICAL PARALYSIS

Physiopathology of Elbow Contracture  
R. Hentz (San Francisco, USA)

Serial casting for Elbow Contractures  
J. Abarca (Barcelona, Spain)

Posterior bone release  
F. Senes (Genova, Switzerland)

Anterior bone release  
A. Price (New York, USA)

Lateral release  
A. Gilbert (Paris, France)

## III NEUROLOGIC CONTRACTURE : Neurologic heterotopic ossifications

Pathology and medical treatment  
JM. Rochet (Sallanches, France)

Surgical treatment : when and how ?  
C. Leclercq (Paris, France)

Post-operative rehabilitation  
JM. Rochet (Sallanches, France)

## IV FREE COMMUNICATIONS

Osteoid osteoma of the elbow : a hidden reason for elbow stiffness, how to diagnose and manage  
J. Sanchez Sotelo (Rochester, MN, USA)





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Saturday March, 14<sup>th</sup> 2020

## V STIFFNESS AND ARTHRITIS

Primary and secondary osteoarthritis of the elbow : aetiology and physiopathology

A. Vidil (Paris, France)

Radiographic evaluation in primary arthritis

H. Lenoir (Echirolles, France)

Arthroscopic treatment of elbow arthritis : clinical evaluation and results

Y. Carlier (Mérignac, France)

Arthroscopic treatment of elbow arthritis : radiographic results and analysis

P. Desmoineaux (Versailles, France)

Arthroscopic capsular release for stiff elbow : how to avoid nerve complications

A. Schneeberger (Zurich, Switzerland)

From rib to elbow : harvesting a cartilage graft to resurface the elbow

L. Obert (Besançon, France)

### → RE-LIVE SURGERY

Anterior arthroscopic capsular release

P. Mansat (Toulouse, France)

Posterior arthroscopic release

D. Rouleau (Montréal, Canada)

LCM and ulnar nerve release

P. Desmoineaux (Versailles, France)

## VI STIFFNESS AFTER ARTHROPLASTY

Radial head prosthesis : easy to do, easy to fail !

A. Vidil (Paris, France)

Stiffness after TEA : the reasons ?

G. King (Canada)

Stiffness after TEA : how to manage ?

P. Mansat (Toulouse, France)

### → VIDEO SESSION

Revision of a radial head prosthesis

A. Vidil (Paris, France)

Revision of a total elbow arthroplasty

TBC





**eventime**

GENERAL ORGANIZATION

Tel.: +33 4 91 94 54 72

Fax: +33 4 91 58 54 94

contact@symposium-institutdelamain.com



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