

The Movement Observatory: summaries and authors

**MO n°1**

**LE CARTILAGE, UN TISSU CONJONCTIF TRÈS DIFFÉRENCIÉ  
CARTILAGE, A HIGHLY DIFFERENTIATED CONNECTIVE TISSUE**

New perspectives in the reparation of articular cartilage : J.-P. Pujol

Role and function of cytokines and anticytokines as experimental therapeutic agents in osteoarthritis : P. Valdiguié

Lesions of the cartilage : A. de Ladoucette

Interview : G. Danowski

Opinion : Ch. Mansat

**MO n°2**

**LES LÉSIONS CHRONIQUES DU SPORT  
CHRONIC LESIONS IN SPORT**

Chronic lesions due to overstraining : A. de Ladoucette

Pelvic fractures due to fatigue in athletes, a little known entity : J. Rodineau

Pathology of tendons : F. Bonnel

Syndrome of the painful tibia in the runner : P. Châ

Biochemical exploration of muscular functions : P. Valdiguié

Interview : D. Rivière

Opinion : P. Khorshidi-Schilausky

**MO n°3**

**LE VIEILLISSEMENT DE L'APPAREIL LOCOMOTEUR  
RÔLE DE L'ACTIVITÉ PHYSIQUE  
AGEING AND THE LOCOMOTOR APPARATUS  
THE ROLE OF PHYSICAL ACTIVITY**

Sedentary factor: a risk to be combated : Y. Rolland

The importance of physical activity in the prevention of falling : C. Jeandel

Risk factors and profiles of people who risk falling : C. Jeandel

Method of evaluating the risk of falling in older people : C. Jeandel

Risk factors of fracture of the intracapsular femoral neck in patients operated on over the age of 75 : F. Bonnel

Physical activity, sport and senior citizens : D. Rivière

Opinion : Ch. Mansat

A little epidemiology... : E. André

For an early quantified identification of walking troubles in the older person : B. Auvinet

Interview : C. Huertas

**MO n°4**

**DISQUE INTERVERTÉBRAL ACTUALITÉS  
NEWS ON THE INTER-VERTEBRAL DISC**

Biochemistry of the inter-vertebral disc : F. Bonnet

Lumbago, risk factors, and professional aspects : F. Blotman, E. Thomas

Opinion : Ch. Mansat

Intra-discal medical treatments : M. Alcalay

Surgical treatment of lumbago : G. Dubois

Back pain – lumbago in astronauts during spatial flights: possible explanations : B. Comet,  
Ch. Mansat

Old age and degenerescence of the intra-vertebral disc: J. Prère

Common lumbago and discopathies : M. Alcalay

Interview : Christian Benezis

### **MO n°5**

#### **OSTÉOPOROSSES, FACTEURS DE RISQUE ET FRACTURES**

#### **OSTEOPOROSIS, RISK FACTORS AND FRACTURES**

Definition and physiopathology of osteoporosis - J. -C. Souberbielle

Epidemiology of osteoporotic fractures - C. L. Benhamou

Osteoporosis. Risk factors - G. Guiraud and A. Rouanet

Osteoporosis: prevention of fractures - M. Laroche

Prevention of osteoporosis in the older person - C. Jeandel

The cost of osteoporosis - R. Marinescu and E. André

Opinion : Ch. Mansat

Interview : F. Blotman

### **MO n°6**

#### **LE GESTE DU LANCER**

#### **MOVEMENT WHEN THROWING**

The biomechanics of the thrower: F. Bonnel and F. Dusserre

The shoulder movement of the thrower - Which pathologies ? M. Mansat

Elbow pathologies in the athlete : P. Mansat

The wrist : M. Rongières and P. Mansat

Three examples of sport pathologies: Tennis and pathologies of the elbow : P. Le Goux

The periolecranian conflict in tennis : E. Rolland

Neurological microtraumatic shoulder in the practice of volleyball : J. Rodineau

The throwers' movement: prevention – myth or reality? P. Chaduteau

Interview : P. Châ et M. Castellarin

Opinion : Ch. Mansat

### **MO n°7**

#### **LES GLYCOSAMINOGLYCANNES / GLYCOSAMINOGLYCANS**

#### **LES MOLÉCULES DU MOUVEMENT / THE MOVEMENT MOLECULES**

Biochemistry of the glycosaminoglycans : E. Neuzil, P. Valdiguié

Role of the glycosaminoglycans (GAGs) : D. Mitrovic

Transcutaneous diffusion of Chondroitine Acid Sulphate hydrolysates : P. Bordat

Production methods: Chondroitine sulphate, hyaluronic acid and glucosamine : J.-M. Autret

Pharmacokinetics and bioavailability of Glycosaminoglycans : J.-P. Bali, H. Cousse

Therapeutic applications : Ch. Mansat

Intra-articular hyaluronic acid ACS

Opinion : Ch. Mansat

### **MO Special edition**

#### **THE FOOT 1<sup>st</sup> PART**

by Claude HUERTAS and Christian MANSAT

Anatomy - biomechanics

Clinical examination of the foot

Foot imagery

Congenital club-foot

Club-foot static valgus

Arched foot

### **MO Special edition 2**

## **THE FOOT 2<sup>nd</sup> PART**

by Claude HUERTAS and Christian MANSAT

Static problems of the fore-foot

The neurological foot

The rheumatological foot

Osteochondrosis

## **MO Special edition 3**

### **THE FOOT 3<sup>rd</sup> PART**

by Claude HUERTAS and Christian MANSAT

The dermatological foot

The diabetic foot

Synthetic pathologies

Membership

## **MO Special Edition 4**

### **SUPPORT 1<sup>st</sup> PART:**

#### **UPPER LIMBS**

In collaboration with the C.E.R.E.P.S.

Generalities of support

Acromio-clavicular lesions

Summary of the three issues dedicated to support

Unstable and conflictual shoulder

The elbow: epicondylitis

The thumb: consequences of metacarpal phalanx sprains

## **The Movement Observatory**

Internet site of the Movement Observatory

The new version of the Movement Observatory site has been recently put on line

A new graphical charter has been set up and surfing within the different headings has been made easier and quicker.

New headings have been included to improve the site. The "Ask a question" heading gives you an overview of the most asked questions. Events and recommended books. Training: presentation of the different slides with oral comments.

As well as the usual headings such as: The MO's newsletter – Dates for congresses – studies- various links – forum.

MO : future Newsletters

Osteoarthritis and Sport – Articular Prosthesis – Walking – Osteoporosis News Bulletin

Inferior member support (knee, ankle) and a diabetic's foot supplement

**LATIN AND MEDITERRANEAN ORGANISATION OF SPORTS PLAYERS**