

ENLARGED MEETING ON ORTHOPAEDIC  
AND TRAUMA SURGERY

46<sup>th</sup>

# GECO

New technologies

SAT. 20 > MON. 22

JANUARY 2024

CONFERENCE CENTER  
BELAMBRA BUSINESS - ARC 1800  
BOURG SAINT MAURICE - FRANCE

Simultaneous translation :  

LECTURES & COMMUNICATIONS

ROLAND PETIT THESIS AWARD

2024 CHAIRMAND: P<sup>r</sup>. STÉPHANE BOISGARD

STUDY GRANTS

MAIN TOPICS DISCUSSED  
BY THE EXPERT GROUPS

AGREG-GRAAL FUTURA

VENUS SAC TALUS

PRO BIOMATERIA

STUDY GROUP ON  
BONE SURGERY



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# SATURDAY 20 JANUARY

**2pm** ... Welcome reception in the Aiguille Rouge room of the Hôtel du Golf (ARC 1800)  
73700 BOURG-SAINT-MAURICE - FRANCE Tel.: + 33 (0)4 79 41 43 43)

**4pm** ... Afternoon snack in the exhibition hall in the Aiguille Rouge room.  
Come and meet our partners.

## ● **5pm - 8pm. CONFERENCE HALL**

**Moderators** ... Claude SCHWARTZ (Colmar) and Didier MAINARD (Nancy)

**5pm** ... Benefits and risks of AI in orthopaedic surgery and traumatology.  
Alain-Charles MASQUELET (Paris) and Claude SCHWARTZ (Colmar)

### **5.30 - 8pm** ... **FUTURA ROUND TABLE - NEW TECHNOLOGIES IN HIP SURGERY**

**Moderators** ... Patrice MERTL (Amiens) and Didier MAINARD (Nancy)

• **Additive technologies** : Customised revision cups

Manufacturing aspects: Carlo DOTTINO (IT)

Clinical experience: Gérard GIORDANO (Toulouse)

• **New tools to help with THA**

Mistakes to be avoided. Nicolae HAZAPARU (Haguenau)

Is navigation belongs to the past? Jean-Yves JENNY (Strasbourg)

Are cutting guides still relevant today? Vincent GAUDIOT (Nantes)

Robotics and THA. Pascal KOUYOUMDJIAN (Nîmes)

• **New implants**

Metal augments and cup revision. Xavier FLECHER (Marseille)

Benefits of nano-particles in bone substitutes. Claude SCHWARTZ (Colmar)

Cementless implants à la place de uncementeds. Frédéric DUBRANA and Antoine DESSEAUX (Brest)

Cross-linked PE, a mature innovation. Jean LANGLOIS (Paris)

• **A new environment for THA**

AI and imaging

Hip arthritis à la place de coxarthrosis. Didier MAINARD (Nancy)

Outpatient THA: is this a good idea? Aymard DE LA DOUCETTE (Toulouse)

THA registry: a new practice in France? Stéphane BOISGARD (Clermont-Ferrand)

**8pm** ... Welcome reception in the Casual Bar

**9pm** ... Dinner

● PRESENCE AT EACH  
SESSION RECORDED  
BY SIGNATURE

# SUNDAY 21 JANUARY

## ● **8am - 12pm. CONFERENCE HALL**

**08h00** ... Is it possible to replace a knee prosthesis in outpatient surgery?  
Jean-Yves JENNY (Strasbourg)

### **8.30 - 10.30am** ... **TALUS ROUND TABLE - NEW TECHNOLOGIES IN FOOT SURGERY**

● PRESENCE AT EACH  
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**Moderators** ... Xavier ROUSSIGNOL (Rouen) and Walter MAC DOUGALL (Colmar)

- Ultrasonic C Scan / operating theatre. Julien BELDAME (St-Aubin-sur-Scie) and Walter MAC DOUGALL (Colmar)
- Customised cutting guide. Christophe CERMOLACCE (Marseille) and Olivier LAFFENETRE (Bordeaux/ Paris)
- CT Scan in standing position; practical application. Matthieu LALEVÉE and Xavier ROUSSIGNOL (Rouen)
- Should we be getting ready to operate in our doctor's surgeries?  
Julien BELDAME (St-Aubin-sur-Scie) / Ali GHORBANI (Toulouse)
- Insoles / market analysis. Eric HELD and Xavier ROUSSIGNOL (Rouen)
- A review of ankle prostheses. Joël VERNONIS (Paris) and Jean-Louis ROUVILLAIN (Fort de France)
- ERAS: measurement of patient activity at home: patient relationship innovation.  
Patrice DETERME (Toulouse) and Pierre-Jean MONROZIES (Toulouse)
- A new platform for surgeons - SURGZON. Joël VERNONIS (Paris)
- Flat panel detector fluoroscopy for hallux valgus surgery.  
Julien BELDAME (St-Aubin-sur-Scie) and Joël VERNONIS (Paris)
- Biology in foot surgery. Adélaïde WOJDA (Brussels), Walter MAC DOUGALL (Colmar) and Christophe CERMOLACCE (Marseille)

**10.30am** ... Break

### **11am.... RESUMPTION OF DISCUSSIONS FROM THE FIRST PART OF THE MORNING THE CENTRAL THEME NEW TECHNOLOGIES**

**Moderator** ... Jacques HUMMER (Nancy)

**12pm** ... End of the session in the conference hall

**2pm** ... Workshops in the rooms indicated: programme posted at reception

**4.30pm** ... Demonstration and practical session. Bellecote room.  
Visit of the exhibition hall. Aiguille Rouge room.

**5.30pm** ... TALUS workshop. Bellecote room. Ankle ligamentoplasty or forefoot surgery (percutaneous, chevron, hammer toe, surgical planning for HV and hammer toe).

### **● 5.30pm - 8.30pm. CONFERENCE HALL**

**5.30pm** ... New technologies and impact on claims.

Anne VIDIL (La Seyne Sur Mer) and Frédéric SAILHAN (Paris)

**● PRESENCE AT EACH  
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### **6pm - 8.30pm.... VENUS ROUND TABLE - NEW TECHNOLOGIES IN UPPER LIMB SURGERY**

**1. .... Shoulder.** Moderators : Jean KANY (Toulouse) and Anne VIDIL (La Seyne Sur Mer)

- Pre-operative planning. Kevin BARGOIN (Nantes)
- Mini battle :
  - Are customised cutting guides already obsolete? Jean KANY and Régis GUINAND (Toulouse)
- Tendon regeneration matrix: a revolution?
  - Indication and literature review. Régis GUINAND (Toulouse)
  - Results and feedback. Achour DEGHRAR (Soissons)
- "Pyrocarbon" session:
  - Feedback after 15 years. Jérôme GARRET (Lyon)
  - Pyrocarbon and resurfacing. Mark ROSS (Brisbane) et Jean-Marc GLASSON (Nice)

**2. .... Elbow.** Moderators : Ludovic LINO (Mougins) and Kevin BARGOIN (Nantes)

- Traumatology session: 20 minutes
  - Coronoid process and elbow stability. Anne VIDIL (La Seyne Sur Mer)

- Reconstruction of the radial head by lateral capitellum graft. Emmanuel BEAUDOUIN (Chambéry)
- Neurology session:
  - Atrophy of the brachialis and neurological risk in elbow arthroscopy. Marion BURNIER (Villeurbanne)
  - Lacertus fibrosus. Vincent MARTINEL (Tarbes) and Jacques-Emmanuel AYEL (Toulouse)

**3.... Hand – Wrist.** Moderators : Marion BURNIER (Villeurbanne), Mark ROSS (Brisbane) and Jacques-Emmanuel AYEL (Toulouse)

- Reconstruction of the proximal pole of the scaphoid by grafting the proximal pole of the hamate in the case of irreparable nonunion. Marion BURNIER (Villeurbanne)
- Mini battle :
  - TM prosthesis and trapezectomy in the treatment of rhizarthrosis. Alain GRAFTIAUX (Haguenau) and Jean-François GOUBAU (Bruges)
- Carpal canal ultrasound scan. Emmanuel BEAUDOUIN (Chambéry)

**8.30pm** .... End of the afternoon session

**9pm** .... Dinner

## MONDAY 22 JANUARY

**8am - 12pm CONFERENCE HALL**

**Moderators** .... Alain GRAFTIAUX (Haguenau) and Jean-Yves JENNY (Strasbourg)

**● PRESENCE AT EACH SESSION RECORDED BY SIGNATURE**

**8am .... LECTURES**

- .... Digital volume correlation (DVC): a new digital diagnostic method for orthopaedic surgery. Arnaud GERMANEAU (Poitiers)
- .... Analysis of displacement fields of the menisci and cartilage under MRI 7T using DVC. Mathieu SEVERYNS (Les Sables d'Olonne)

**8.20am - 10.30am AGREG GRAAL ROUND TABLE- NEW TECHNOLOGIES IN KNEE SURGERY**

**Moderators** .... Jérôme VILLEMINOT (Haguenau) and Jacques HUMMER (Nancy)

- Back to the future. Hubert LANTERNIER (St Nazaire)
- 40 years of changes in tools and techniques in tibial osteotomy. Claude SCHWARTZ (Colmar)
- Best technical choice for TKR. Rodolphe LIMOZIN (Toulouse)
- PSI vs. robotics for UKR. Pierre-Jean LAMBREY (Lille)
- Navigation. Jean-Yves JENNY (Strasbourg)
- Augmented reality navigation. Jérôme VILLEMINOT (Haguenau)
- Robotics. Paolo FIORINI (Verona)
- Robotics and strength sensors. Nicolas POMMIER (Bordeaux)
- Ligamentoplasty: what can we expect from new technologies in the future? Thomas NERI (St Etienne)
- An augmented care experience (ORTHENSE). Pierre-Bastien REY (Belfort)
- New teaching tools for surgery. François-Xavier GUNEPIN (Lorient), Harold COMMON, Alexandre TRONCHOT (Rennes)
- Benefits of additive techniques. Jérôme PRECHEUR (St Chamond)
- What can we expect from artificial intelligence? Tarek ALA EDDINE (Paris)

10.30am ... Break

## 11.15am - 12pm ... RESUMPTION OF DISCUSSIONS FROM THE FIRST PART OF THE MORNING ON THE CENTRAL THEME NEW TECHNOLOGIES

**Moderators** ... Jacques HUMMER (Nancy) and Kristof PIERETS (Bruges)

**12pm** ... End of the session in the conference hall

**2pm** ... Workshops in the rooms indicated: programme posted at reception

**4.30pm** ... Demonstrations and practical sessions. Bellecote room.

→ Visit of the exhibition hall. Aiguille Rouge room.

**5.30pm** ... Workshop in the Bellecote room: Shoulder Elbow Wrist Hand: "Bring your own clinical cases, answers from experts"

### ● 5.30pm - 8.30pm CONFERENCE HALL

**Moderator** ... François-Xavier GUNEPIN (Lorient) and Nicolas POMMIER (Bordeaux)

**5.30pm** ... Waiting room psychology. Alain GRAFTIAUX (Hagenau)

**5.50pm** ... Advantage of ligament preservation in knee surgery. Thomas NERI (St Etienne)

**6.10pm** ... Material science - Acrylic cements. Which is the best formula for optimal fixture?  
Claudine LAVERGNE and Bernard MASSON (Toulouse)

**6.30pm** ... TKA with lateral subvastus approach, 100 patients with 5 year follow-up.  
Yves VANDERSCHULDEN (St Malo)

**6.50pm** ... Possibilities for cartilage surgery on focal substance loss in France in 2024. Henri ROBERT (Château-Gontier)

**7.10pm** ... What kind of environment, including limits and opportunities, can orthopaedic surgeons expect for the next few years? Stéphane BOISGARD (Clermont-Ferrand)

### 7.30pm ... "ROLAND PETIT" AWARD 2024

**Presentation** ... Claude SCHWARTZ (Colmar)

Jury: Stéphane BOISGARD (Chairman of the Jury), Didier MAINARD (GECO president), Claude SCHWARTZ (GECO vice president), François BOPP (president of UNITED ORTHOPEDICS), Thomas RIPOLL (2023 winner)

€2024 prize for a thesis on orthopaedics or traumatology, awarded after presentation of the best three works selected by GECO members.

**8.30pm** ... End of the afternoon session

**9pm** ... Dinner

● PRESENCE AT EACH SESSION RECORDED BY SIGNATURE

# T U E S D A Y 2 3 J A N U A R Y

## End of congress

**9am** ... GECO board meeting

**10am** ... Participants check-out

**10am** ... GECO General Assembly



Videos available from March 2024:  
[www.geco-medical.org](http://www.geco-medical.org)

## PARTNERS



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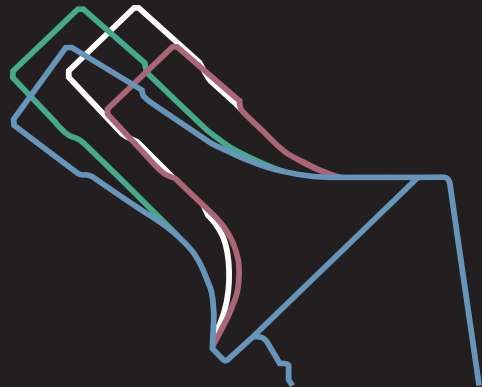


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