

# The XXth CSRS-European 'Hands on' Cadaveric Instructional Course



Once again we wish to express our appreciation to Prof. Andrés Combalía, Prof. M.I. Miguel and the entire staff at the University of Barcelona for their excellent collaboration and dedication to ensuring the success of the CSRS-ES Hands On Cadaver Courses.

The CSRS-ES also recognises the important and enthusiastic effort of the sponsoring companies from the industry. Their collaboration also contributes much to the support and success of our educational courses.

The CSRS-ES regards this type of educational course as a 'gateway' to the entire industry being involved in the education of spine pathology. We regard this as the very best way we can offer young surgeons in training high quality education with both theoretical and practical courses such as these.

**Dr. JOSE CASAMITJANA**

Course Chairman and Past President of the CSRS-Europe

**Dr. Ronald Bartels**

President of the CSRS-Europe

**Dr. PHILIPPE BANCEL**

Chairman of the Educational and Scientific Committee and Past President of the CSRS-Europe

**-SALA DE DISSECCIÓ DEL  
SERVEI DONACIÓ COSSOS  
-FACULTAT DE MEDICINA  
CAMPUS DE CIÈNCIES DE  
LA SALUT DE BELLVITGE  
-UNIVERSITAT DE BARCELONA**

**Prof. Andrés Combalía  
Prof. M. I. Miguel**

**FACULTY:**

**Andrés Combalía  
José Casamitjana  
Bengt Lind  
Ronald Bartels  
Andre Jackowski  
Yohan Robinson  
Carlos Villas  
Philippe Bancel  
Claes Olerud  
Björn Zoega  
Heiko Koller  
Carmen Vleggeert-Lankamp  
Petr Suchomel  
Oscar Alves  
Meric Enercan**

CERVICAL SPINE RESEARCH SOCIETY



**EUROPEAN SECTION  
Founded 1983**

**XX<sup>th</sup> Advanced  
Instructional Course**

**BARCELONA, Spain**

**March 16<sup>th</sup> & March 17<sup>th</sup> 2017**

# The XXth CSRS-ES Cadaveric Instructional Course



**Thursday March 16<sup>th</sup> 2017**

**Hotel Gallery – Barcelona**

**Didactic Lectures & Cervical Case Discussion Session:**

- 17:00 WELCOME**  
By Andrés Combalia & José Casamitjana
- 17:15 C1-C2 Posterior Fixation Options: Indications – Techniques & Pitfalls.**  
Teaching Case & Discussion: Meric Enercan (15 minutes)  
Peter Suchomel (10 minutes)
- 17:40 Sub-Axial Cervical Fractures**  
Teaching Case & Discussion: Ronald Bartels (15 minutes)  
C Vleggeert-Lankamp (10mins)
- 18:05 Cervical Spine Profile Issues - Cervical Kyphosis:** Heiko Koller (15 mins)  
Teaching Case & Discussion: Claes Olerud (10 minutes)
- 18:30 Vertebral Artery Injuries**  
Teaching Case & Discussion: Oscar Alves (15 minutes)  
Jose Casamitjana (10 minutes)
- 18:55 Cervical Narrowing Canal & Myelopathy**  
Teaching Case & Discussion: Bengt Lind (15 minutes)  
Carlos Villas (10 minutes)
- 19:40 Teaching Case & Discussion:** Phillippe Bancel (40 minutes)
- 20:30 Conclusion**
- 20:45 XXth CSRS-Europe Instructional Course Dinner – Meet at Restaurant**  
Restaurant: El Principal Del Eixample Provença 286-288 08008, Barcelona  
Tel: +34 (0) 93 272 08 45

**Friday March 17<sup>th</sup> 2017**

**University of Barcelona Anatomy Department**

**'Hands On' Dissection**

- 08:30 Anterior Approach Sub-Axial Cervical Spine**  
Treatment Options: Discectomies: Corpectomy  
Vertebral Artery Exposure and Remarks - Related Cadaver Practice  
Carmen Vleggeert-Lankamp
- 08:45 Uncinate Process Resection – Vertebral Artery Exposure**  
Andre Jackowski
- 
- 09:00 FIRST CADAVER PRACTICE**  
Anterior Approach: Vertebral Artery Exposure: Corpectomy
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- 10:45 COFFEE BREAK**
- 11:15 Occipito-Cervical Junction - Screwing and Fusion Techniques**  
Anatomical Landmarks and Remarks  
Claes Olerud
- 
- 11:30 SECOND CADAVER DISSECTION SESSION**  
Anatomical C0-C1-C2 & All related Posterior Techniques
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- 14:00 LUNCH**
- 14:30 Sub-Axial Cervical Spine- Posterior Approach Treatment Options**  
Dissection, Screws & and Remarks - Related Cadaver Practice  
Phillippe Bancel
- 
- 15:00 THIRD CADAVER DISSECTION SESSION**  
C3 - T4 Posterior Techniques: Laminectomy & Laminoplasty  
Laminar, Lateral Mass, Pedicle Screws
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- 17:30 TEACHING CASES: ALL**
- 18:30 Adjourn**