

8th GENEVA SPINE COURSE



Sagittal balance

Master course

Chairmen : J.C. Le Huec (Bordeaux), A. Faundez (Genève)

Sagittal balance Course

Friday October 14th, 2022

Hôpital La Tour
3 AV JD Maillard
CH-1217 Meyrin/Switzerland

Anatomical workshop

Saturday October 15th, 2022

SWISS Foundation for Innovation and Training in Surgery
Rue Gabrielle-Perret-Gentil 4
1205 Geneva Switzerland



Didactic and practical teaching

How to integrate spine balance analysis in your daily practice for diagnosis and treatment

Pelvic and spine parameters, normal and degenerative changes

WORKSHOP sessions

Case discussion

8 CME credits SO (Swiss orthopaedics)

12 CME credits SSNC (Swiss Society of Neurosurgery)

UEMS to be confirmed

Sagittal Balance Course Agenda

PROGRAM

Principles for daily practice in DDD

Dear Colleagues,

Come visit us in Geneva for our annual Sagittal Balance course, which will take place on October 14th and 15th, 2022.

The theory course will take place on Friday October 14th, and will concentrate on surgical planning for thoraco-lumbar surgery, by applying sagittal balance concepts. A special topic of interest will be prevention and management of junctional complications of the thoraco-lumbar (PJK) and lumbo-sacral (DJK) regions. Jean Charles Le Huec will also present his latest findings in sagittal parameters of the cervical spine and management of mechanical complications of the cervico-thoracic junction.

We encourage participants to bring along surgical cases to discuss, a fair amount of time will be allocated for interaction with the faculty.

The traditional anatomical workshop will take place on Saturday October 15th. Participants will have the opportunity to practice posterior correction osteotomies of the thoracic and lumbar spine, as well as lateral and anterior interbody fusion approaches.

Number of places are limited to 40 pax on October 14th and 20 pax on October 15th.

Antonio Faundez (Geneva) and Jean-Charles Le Huec (Bordeaux)

- **Chairmen:** Jean-Charles. Le Huec (Bordeaux) , Antonio Faundez (Genève)
- **Invited Speakers:** Kariman Abelin-Genevois (Lyon), Max Aebi (Bern), Cédric Barrey (Lyon), Domenico Compagnone (Milan), Heiko Koller (Munich), Constantin Schizas (Lausanne)

FRIDAY OCTOBER 14th, 2022

SAGITTAL BALANCE COURSE

Hôpital La Tour

3 AV JD Maillard - CH-1217 Meyrin/Switzerland



07:30

WELCOME COFFEE

08:00

OPENING: **A. Faundez**

08:10

The problems of spinal revision surgery - M. Aebi

08:30

Global balance analysis: what I measure in daily practice - J.C. Le Huec

08:50

Planning for daily lumbar fusion and how to check - A. Faundez

09:10

Discussion

09:30

Case based discussion: lumbar spine

09:30 Case presentation: lumbar degenerative spondylolisthesis - **J.C. Le Huec**
Discussion and solution
Literature review - **A. Faundez**

10:00 Case presentation: adult scoliosis and lumbar canal stenosis - **A. Faundez**
Discussion and solution
Literature review - **C. Schizas**

10:30

COFFEE BREAK

11:00

Case based discussion : thoraco-lumbar junction

11:00 Case presentation: VCF at the TL junction - **D. Compagnone**
Discussion and Solution
Literature review - **C. Barrey**

11:30 Case presentation: revision surgery for failed T12 L1 fracture - **C. Barrey**
Discussion and Solution
Literature review - **J.C Le Huec**

12:00 Case presentation: PJK at UIV lumbar level - **J.C Le Huec**
Discussion and solution
Literature review - **A. Faundez**

12:30

LUNCH TIME

14:00

INDUSTRY WORKSHOP

Planning for customized rod in deformity correction: SMAIO
EOSedge new standardized protocol for dynamic X rays: EOS imaging
Pulse and Integrated global balance analysis : Nuvasive

15:00

KEYNOTE LECTURES

Cervico-thoracic osteotomies - **H. Koller**
Discussion
Dynamic sagittal balance analysis - **K. Abelin Genevois**
Discussion

16:00

COFFEE BREAK

16:30

Case based discussion:

16:30 Case presentation: failed well balanced spine surgery - **J.C. Le Huec**
Discussion and Solution
Literature review lecturer - **A. Faundez**

17:30 Genevois: Case presentation: revision surgery for DJK - **K. Abelin**
Discussion and Solution
Literature review lecturer - **C. Schizas**

17:30

INDUSTRY WORKSHOP

Surgical planning for long and short constructs with UNiD (Medtronic) - **J.C. Le Huec**
Hyperlordotic cages for sagittal alignment correction (Spineart) - **P. Scarone**

18:30

Wrap up and end of the theory day

SATURDAY OCTOBER 15th, 2022

ANATOMICAL WORKSHOP

SWISS Foundation for Innovation and Training in Surgery
Rue Gabrielle-Perret-Gentil 4, 1205 Geneva

SWISS FOUNDATION FOR INNOVATION
AND TRAINING IN SURGERY



08:00

WELCOME COFFEE

08:30

Thoracolumbar junction and cervico-thoracic osteotomies, techniques and complications
- JC. Le Huec

08:50

Anterior approaches: ALIF, OLIF, XLIF, etc., techniques and complications - A. Faundez

09:10

Transfer to anatomy workshop

09:30

FIRST ANATOMY SESSION:

Nuvasive: Anterior lumbar approach: ALIF, OLIF

Spineart: Posterior approach: thoracic osteotomies (Ponté, VCR,...)

Medtronic: Posterior approach: thoracic osteotomies (Ponté, VCR,...)

10:30

COFFEE BREAK

11:00

SECOND ANATOMY SESSION

Nuvasive: Lateral lumbar approach: XLIF

Spineart: Anterior lumbar approach: ALIF

Medtronic: Posterior approach: lumbar osteotomies (Smith Petersen, interpedicular and PSO)

12:00

LUNCH AND WRAP UP