

PROGRAM

PERCUTANEOUS ENDOSCOPIC SURGERY OF THE LUMBAR AND THORACIC SPINE (FULLY-ENDOSCOPIC)

NOVEMBER, 07TH AND 08TH 2019



UNIDADE
BARRETOS

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Americas Medical City, Rio de Janeiro,
Brazil*

COURSE DIRECTOR

T. Lübbers

*Klinikum Leer
Germany*

OBJECTIVES

- ▶ to cover a broad spectrum of surgical procedures in the lumbar and thoracic spine surgery,
- ▶ to provide indications for surgical treatment and discuss operative complications,
- ▶ to highlight technicalities of surgical interventions through the broadcasting of videos,
- ▶ to allow discussion between the experts and the surgeon trainees,
- ▶ to provide hands-on sessions to improve skills in the lumbar and thoracic spine surgery through practice on cadaveric tissue under experts' tutorials,
- ▶ to describe postoperative clinical results and practical applications of evidence-based clinical medicine.

EDUCATIONAL METHODS

- ▶ Hands-on training on cadaveric tissue in experimental lab,
- ▶ Interactive theoretical and video sessions between Faculty and course participants.

FACULTY

Antonio KRIEGER (Brazil)

David del CURTO (Brazil)

Marcus SERRA (Brazil)

Renato UETA (Brazil)

Rodolfo CARNEIRO (Brazil)

Thomas LÜBBERS (Germany)

Ana Beatriz BONATELLI (H. STRATTNER –
Brazil)

Leandro KUBAGAWA (KARL STORZ -
Brazil)

Thursday, November 07th 2019

Faculty & Participants Shuttle Bus : Hotel - IRCAD

07:30 am Registration

07:55 am Welcome to participants

Thomas Lübbers

THEORETICAL SESSION

08:00 - 08:15 am Basic lumbar anatomy applied to the endoscopic surgery

David del Curto

08:15 - 08:30 am Concept and Philosophy of Spine TIP

Thomas Lübbers

08:30 - 08:40 am Presentation of Endoscopes and Instruments

Leandro Kubagawa

08:40 - 08:50 am Care with the instruments

Ana Beatriz Bonatelli

08:50 - 09:05 am Planning, preparing, positioning and navigation

Marcus Serra

09:05 – 09:20 am The puncture technique - pearls and pitfalls

Rodolfo Carneiro

09:20 – 09:35 am The transforaminal approach, step by step

Renato Ueta

09:35 – 09:45 am Laboratory rules

Emilio Belmonte

09:45 - 10:15 am **Coffee break**

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

10:30 – 11:00 am Demonstration of puncture and the transforaminal approach

Renato Ueta

11:00 – 13:30 pm Practice puncture and transforaminal approach

13:30 - 14:15 pm **Lunch at the institute**

THEORETICAL SESSION

14:15 – 14:30 pm The interlaminar approach, step by step

David del Curto

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

15:00 – 15:30 pm Demonstration of the interlaminar approach

David del Curto

15:30 – 17:30 pm Demonstration of the interlaminar approach

17:30 pm End of the day

Faculty & Participants Shuttle Bus : IRCAD – Hotel

Friday, November 08th 2019

THEORETICAL SESSION

- 08:30 - 08:45 am Percutaneous endoscopic discectomy of the toracolumbar junction **Thomas Lübbers**
- 08:45 - 09:00 am The postero lateral approach, step by step **Thomas Lübbers**
- 09:00 - 09:15 am Foraminal retreat technique in peld based on navigation **Thomas Lübbers**
- 09:15 – 09:30 am Foraminoplasty -step by step **Marcus Serra**

09:30 - 10:00 am Coffee break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- 10:00 – 10:30 am Demonstration of postero lateral approach **Thomas Lübbers**
- 10:30 – 13:00 pm Practice of the postero lateral approach

13:00 - 14:00 pm Lunch at the institute

- 14:00 – 14:30 pm Demonstration of foraminoplasty **Marcus Serra**
- 14:30 – 16:30 pm Practice of foraminoplasty
- 16:30 – 17:00 pm Final Discussion

17:00 pm End of the course
Faculty & Participants Shuttle Bus :
IRCAD – Airports
IRCAD – Hotel

All our thanks for their crucial participation to:



Medtronic

and also to



And

PHILIPS