

Suction and Pressure Management in Endourology:

Principles, Techniques and Clinical Applications



THURSDAY,
5TH NOV 2026



13:45 AM
15:10 AM
(GMT +4)



ROOM 3



COURSE DESCRIPTION

This course provides a practical, evidence-based overview of suction and intrarenal pressure management in contemporary endourology. Designed for urologists, residents, fellows, and allied professionals, it addresses the growing need to optimise irrigation, suction, and pressure control during ureteroscopy and PCNL. Faculty will review suction technologies and modern pressure-management systems, including FANS, DISS, and SIPS. Participants will gain practical strategies to improve visibility, procedural efficiency, stone clearance, and patient safety. The course will bridge current technological advances with clinical practice, enabling participants to critically evaluate and safely integrate innovative suction and pressure-management solutions into everyday endourological procedures and clinical workflows.

LEARNING OBJECTIVES

At the end of this session, attendees should be able to:



Describe the role of suction technologies in ureteroscopy and PCNL, including current systems such as FANS, DISS, and SIPS and their clinical applications.



Understand the principles and clinical importance of intrarenal pressure monitoring and management, including the impact on patient safety and outcomes.



Apply practical techniques to optimise suction and pressure management during endourological procedures, improving visibility, efficiency, and stone clearance.



Evaluate modern pressure management platforms and technologies, enabling informed and safe integration into everyday endourological practice.

FACULTY



COURSE DIRECTOR

Laurian Dragos
Cambridge University
UK



SPEAKER

Wissam Kamal
King Fahad General Hospital,
Jeddah, Saudi Arabia



SPEAKER

Alberto Budia
La Fe University Hospital,
Valencia, Spain

AGENDA

13:45 - 13:50

Course overview

Laurian Dragos

13:50 - 14:05

Suction in ureteroscopy: FANS & DISS

Laurian Dragos

14:05 - 14:15

Other suction technologies in ureteroscopy

Wissam Kamal

14:15 - 14:25

Suction in ureteroscopy - practical tips & tricks

Alberto Budia

14:25 - 14:40

All you need to know about suction in PCNL

Wissam Kamal

14:40 - 14:50

Intrarenal pressure - measuring what matters

Alberto Budia

14:50 - 15:00

Modern pressure management systems

Laurian Dragos

15:00 - 15:10

Q&A and Panel Discussion

All faculty

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