



**Beyond basics:**  
**Endoscopic stone treatment programme step 2 (ESTs2)**  
 8-10 November 2023, Hamburg, Germany  
[www.esuests2.org](http://www.esuests2.org)  
 esut eulis eau esu European School of Urology

**Chair/Coordinator:** P. Kallidonis, Patras (GR)  
**Faculty:** G. Bozzini, Milan (IT), N. Macchione, Milan (IT), S. Pereira, Lisbon (PT),  
 M. Popiolek, Örebro (SE), E. Sener, Ankara (TR), A. Tsaturyan, Yereven (AM)

## Wednesday, 8 November

<b>08.00 – 08.45</b>	<b>Tutor briefing</b> All Faculty	<b>Lab 2</b>
<b>08.30 – 09.00</b>	<b>Registration</b> <b>Group A &amp; B</b>	
<b>09.00 – 09.30</b>	<b>Welcome and introduction to ESTs2</b> <b>Group A &amp; B</b> P. Kallidonis, Patras (GR)	<b>Multisuite</b>
<b>09.30 – 11.00</b>	<b>Hands-on training</b> <b>Group A</b> Coordinator: P. Kallidonis, Patras (GR) Tutors: E. Sener, Ankara (TR), G. Bozzini, Milan (IT), N. Macchione, Milan (IT), S. Pereira, Lisbon (PT)	<b>Lab 2</b>
<b>09.30 – 11.00</b>	<b>Lectures</b> <b>Group B</b> M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)	<b>Multisuite</b>
<b>09.30 – 10.00</b>	<b>Laser technology for stones (fragmentation, dusting, and basketing)</b>	
<b>10.00 – 10.30</b>	<b>Access sheath, guidewire, stents, and accessories</b>	
<b>10.30 – 11.00</b>	<b>How to establish a safe access in flexible ureteroscopy?</b>	
<b>11.00 – 11.20</b>	<b>Coffee break</b>	<b>Catering Area</b>
<b>11.20 – 12.50</b>	<b>Hands-on training</b> <b>Group B</b> Coordinator: P. Kallidonis, Patras (GR) Tutors: E. Sener, Ankara (TR), G. Bozzini, Milan (IT), M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)	<b>Lab 2</b>
<b>11.20 – 12.50</b>	<b>Lectures</b> <b>Group A</b> N. Macchione, Milan (IT), S. Pereira, Lisbon (PT)	<b>Multisuite</b>
<b>11.20 – 11.50</b>	<b>Laser technology for stones (fragmentation, dusting, and basketing)</b>	
<b>11.40 – 12.20</b>	<b>Access sheath, guidewire, stents, and accessories</b>	
<b>12.20 – 12.50</b>	<b>How to establish a safe access in flexible ureteroscopy?</b>	
<b>12.50 – 13.50</b>	<b>Lunch</b>	<b>Restaurant</b>
<b>13.50 – 15.20</b>	<b>Hands-on training</b> <b>Group A</b> Coordinator: P. Kallidonis, Patras (GR) Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT), M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)	<b>Lab 2</b>

<b>13.50 – 15.20</b>	<b>Lectures</b>	<b>Multisuite</b>
	Group B	
	E. Sener, Ankara (TR), G. Bozzini, Milan (IT)	
<b>13.30 – 14.00</b>	<b>Exit strategy in flexible ureteroscopy</b>	
<b>14.00 – 14.30</b>	<b>Follow-up and metabolic evaluation after stone treatment</b>	
<b>14.30 – 15.00</b>	<b>EAU Guidelines and expanding the indications of flexible ureteroscopy</b>	
<b>15.20 – 15.40</b>	<b>Coffee break</b>	<b>Catering Area</b>
<b>15.40 – 17.10</b>	<b>Hands-on training</b>	<b>Lab 2</b>
	Group B	
	Coordinator: P. Kallidonis, Patras (GR)	
	Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT), E. Sener, Ankara (TR), G. Bozzini, Milan (IT)	
<b>15.40 – 17.10</b>	<b>Lectures</b>	<b>Multisuite</b>
	Group A	
	M. Popiolek, Örebro (SE), A. Tsaturyan, Yerevan (AM)	
<b>15.40 – 16.10</b>	<b>Exit strategy in flexible ureteroscopy</b>	
<b>16.10 – 16.40</b>	<b>Follow-up and metabolic evaluation after stone treatment</b>	
<b>16.40 – 17.10</b>	<b>EAU Guidelines and expanding the indications of flexible ureteroscopy</b>	
<b>17.10</b>	<b>Closure of the day</b>	<b>Multisuite</b>
	P. Kallidonis, Patras (GR)	

**Thursday, 9 November**

<b>08.00 – 10.00</b>	<b>Hands-on training</b>	<b>Lab 2</b>
	Group A	
	Coordinator: P. Kallidonis, Patras (GR) Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT), M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)	
<b>08.00 – 09.45</b>	<b>Case supported discussion &amp; presentations</b>	<b>Multisuite</b>
	Group B	
	E. Sener, Ankara (TR), G. Bozzini, Milan (IT)	
<b>08.00 – 08.20</b>	<b>Impacted ureter stone</b>	
<b>08.20 – 08.40</b>	<b>Big stone treatment with URS</b>	
<b>08.40 – 09.00</b>	<b>Calcium oxalate monohydrate stone vs calcium oxalate dehydrate stone laser strategy</b>	
<b>09.00 – 09.20</b>	<b>Lower pole stone</b>	
<b>09.20 – 09.40</b>	<b>UTI/bleeding/ureteral damages/other</b>	
<b>09.40 – 09.45</b>	<b>Questions</b>	
<b>09.45 – 10.15</b>	<b>Coffee break</b>	<b>Catering Area</b>
	Group B	
<b>10.00 – 10.15</b>	<b>Coffee break</b>	<b>Catering Area</b>
	Group A	
<b>10.15 – 12.15</b>	<b>Hands-on training</b>	<b>Lab 2</b>
	Group B	
	Coordinator: P. Kallidonis, Patras (GR) Tutors: E. Sener, Ankara (TR), G. Bozzini, Milan (IT) M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)	
<b>10.15 – 12.00</b>	<b>Case supported discussion &amp; presentations</b>	<b>Multisuite</b>
	Group A	
	N. Macchione, Milan (IT), S. Pereira, Lisbon (PT)	
<b>10.15 – 10.35</b>	<b>Impacted ureter stone</b>	
<b>10.35 – 10.55</b>	<b>Big stone treatment with URS</b>	
<b>10.55 – 11.15</b>	<b>Calcium oxalate monohydrate stone vs calcium oxalate dehydrate stone laser strategy</b>	
<b>11.15 – 11.35</b>	<b>Lower pole stone</b>	
<b>11.35 – 11.55</b>	<b>UTI/bleeding/ureteral damages/other</b>	
<b>11.55 – 12.00</b>	<b>Questions</b>	
<b>12.15 – 12.30</b>	<b>Take home messages</b>	<b>Multisuite</b>
	Group A & B	
	P. Kallidonis, Patras (GR)	
<b>12.30 – 13.00</b>	<b>Lunch</b>	<b>Restaurant</b>
	Group A & B	



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Group C & D continue on the next page.

## Thursday, 9 November

- 12.30 – 13.15 Registration and lunch**  
**Group C & D**
- 13.15 – 13.30 Welcome and introduction to ESTs2** **Multisuite**  
**Group C & D**  
 P. Kallidonis, Patras (GR)
- 13.30 – 15.00 Hands-on training** **Lab 2**  
**Group C**  
 Coordinator: P. Kallidonis, Patras (GR)  
 Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT),  
 E. Sener, Ankara (TR), G. Bozzini, Milan (IT)
- 13.30 – 15.00 Lectures** **Multisuite**  
**Group D**  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)
- 13.30 – 14.00 Laser technology for stones (fragmentation, dusting, and basketing)**  
**14.00 – 14.30 Access sheath, guidewire, stents, and accessories**  
**14.30 – 15.00 How to establish a safe access in flexible ureteroscopy?**
- 15.00 – 16.30 Hands-on training** **Lab 2**  
**Group D**  
 Coordinator: P. Kallidonis, Patras (GR)  
 Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT),  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)
- 15.00 – 16.30 Lectures** **Multisuite**  
**Group C**  
 E. Sener, Ankara (TR), G. Bozzini, Milan (IT)
- 15.00 – 15.30 Laser technology for stones (fragmentation, dusting, and basketing)**  
**15.30 – 16.00 Access sheath, guidewire, stents, and accessories**  
**16.00 – 16.30 How to establish a safe access in flexible ureteroscopy?**
- 16.30 – 16.45 Coffee break** **Catering Area**
- 16.45 – 18.15 Hands-on training** **Lab 2**  
**Group C**  
 Coordinator: P. Kallidonis, Patras (GR)  
 Tutors: E. Sener, Ankara (TR), G. Bozzini, Milan (IT),  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yereven (AM)
- 16.45 – 18.15 Lectures** **Multisuite**  
**Group D**  
 N. Macchione, Milan (IT), S. Pereira, Lisbon (PT)
- 16.45 – 17.15 Exit strategy in flexible ureteroscopy**  
**17.15 – 17.45 Follow-up and metabolic evaluation after stone treatment**  
**17.45 – 18.15 EAU Guidelines and expanding the indications of flexible ureteroscopy**

**Friday, 10 November**

- 08.00 – 09.30 Hands-on training Lab 2**  
 Group D  
 Coordinator: P. Kallidonis, Patras (GR)  
 Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT),  
 E. Sener, Ankara (TR), G. Bozzini, Milan (IT)
- 08.00 – 09.30 Lectures Multisuite**  
 Group C  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yerevan (AM)
- 08.00 – 08.30 Exit strategy in flexible ureteroscopy**  
**08.30 – 09.00 Follow up and metabolic evaluation after stone treatment**  
**09.00 – 09.30 EAU Guidelines and expanding the indications of flexible ureteroscopy**
- 09.30 – 11.30 Hands-on training Lab 2**  
 Group C  
 Coordinator: P. Kallidonis, Patras (GR)  
 Tutors: N. Macchione, Milan (IT), S. Pereira, Lisbon (PT),  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yerevan (AM)
- 09.30 – 11.15 Case supported discussion & presentations Multisuite**  
 Group D  
 E. Sener, Ankara (TR), G. Bozzini, Milan (IT)
- 09.30 – 09.50 Impacted ureter stone**  
**09.50 – 10.10 Big stone treatment with URS**  
**10.10 – 10.30 Calcium oxalate monohydrate stone vs calcium oxalate dehydrate stone laser strategy**  
**10.30 – 10.50 Lower pole stone**  
**10.50 – 11.10 UTI/bleeding/ureteral damages/other**  
**11.10 – 11.15 Questions**
- 11.15 – 12.00 Coffee break Catering Area**  
 Group D
- 11.30 – 12.00 Coffee break Catering Area**  
 Group C
- 12.00 – 14.00 Hands-on training Lab 2**  
 Group D  
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 Tutors: E. Sener, Ankara (TR), G. Bozzini, Milan (IT),  
 M. Popiolek, Örebro (SE), A. Tsaturyan, Yerevan (AM)
- 12.00 – 13.45 Case supported discussion & presentation Multisuite**  
 Group C  
 N. Macchione, Milan (IT), S. Pereira, Lisbon (PT)
- 12.00 – 12.20 Impacted ureter stone**  
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- 14.00 – 14.15 Take home messages Multisuite**  
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