

DUST

9TH DEVELOPMENTS
IN URETEROSCOPIC
STONE TREATMENT
SYMPOSIUM

October 3-5, 2024



#DUST24

SEMI-LIVE
SURGERY

13.75 CME
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HOURS

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Belgium Thomas Tailly, University Hospital Ghent

Brazil Oscar Fugita, Universidad De Sao Paulo

Chile Juan Riveros, Universidad de Chile

China Lei Wang, Zhenhai People's Hospital

Colombia Jorge Florez, UROLASER
Juan Villazon, Uromil SA

Denmark Steffen Jargensen, LiNA Medical
Palle Osther, University Hospital of Southern Denmark

Mexico Adolfo Gomez, Hospital Angeles, Cd Juarez
Carlos Martinez-Arroyo, Hospital Angeles Acoypa

New Brunswick Luc Boudreau, CHU Dumont

Poland Jacek Cheachowski, Holimed s
RafaÅ, Olejnik, Klinika "NOVA"

Republic of Korea Jaeyoung Choi, Yeungnam University Medical Center
Dukyoo Kong, Roen Surgical, Inc
Tae-Geun Park, Roen Surgical, Inc

Saudi Arabia Wissam Kamal, King Fahad Hospital

Sweden Marianne Brehmer, South Hospital and Karolinska Institutet

United Kingdom Amelia Pietropaolo, University Hospital Southampton NHS Foundation Trust

UNITED STATES OF AMERICA

Akin Amasyali, Penn State, Pennsylvania

Matei Andreoiu, Health First, Florida

Jodi Antonelli, Duke University, North Carolina

Danilo Asase, Urologic Specialists Associates, Texas

Anthony Bonzagni, University of Michigan, Michigan

John Bryant, Cheyenne Urological, Wyoming

Mark Christ, Uromedix, Florida

James Curran, Gold Coast Surgical, California

Casey Dauw, University of Michigan, Michigan

Zurab Davili, University Hospitals of Cleveland, Ohio

Paresh Desai, Adadvanced Urology Institute, Florida

Alana Desai, University of Washington, Washington

David Duong, Urology Associates, P.C., Tennessee

Brian Eisner, Massachusetts General Hospital,
Harvard Medical School, Massachusetts

Gregor Jr. Emmert, PGUS, Inc., Ohio

Golena Fernandez Moncaleano, University of Michigan, Michigan

Genoa Ferguson, Oregon Urology Institute, Oregon

Khurshid Ghani, University of Michigan, Michigan

Robert Gluck, Murrayhill Urology, New York

Mantu Gupta, Mount Sinai, New York

Briana Hardwick, Gold Coast Surgical, California

Jonathan Harper, University Of Washington, Washington

David Hernandez, University of South Florida, Florida

Spencer Hiller, Advent Health, Florida

Will Johnston III, Michigan Institute of Urology
Beaumont School of Medicine, Michigan

Eduardo Kleer, IHA Urology, Michigan

Suprita Krishna, University of Michigan, Michigan

Samuel Lee, Urological Institute of High Desert, California

Mike Lipkin, Duke University, North Carolina

Sonny Mahal, Lubbock Urology, Texas

ARPIT Mishra, Duke University, North Carolina

Wilson Molina, University of Kansas, Kansas

Ronald Morton, Boston Scientific, Texas

Omar Ortiz-Alvarado, Springs Urology, Florida

Parth Patel, University of Michigan, Michigan

David Rich, Atlantic Urology Specialists, South Carolina

William Roberts, University of Michigan, Michigan

Kymora Scotland, UCLA, California

Ojas Shah, Columbia University, New York

Elaina Shoemaker, MUSIC, Michigan

Sri Sivalingam, Cleveland Clinic, Ohio

Timothy Smith, Detroit Medica Center, Michigan

Necole Streeper, Medical College of Wisconsin, Wisconsin

Erik Sucher, University of Michigan, Department of Urology, Michigan

Wilson Sui, University of Michigan, Michigan

JC Trussell, SUNY Upstate, New York

Max White, John Maxwell White, Jr. MD FACS, Georgia

Edward White, The Urology Group of Central New Jersey, New Jersey

Rafael Yanes, Mount Sinai Medical Center, Florida

Matt Young, Olympus Corporation, North Carolina

Welcome

KHURSHID R. GHANI, MBCHB, MS, FRCS & WILLIAM W. ROBERTS, MD



Dear Friends,

We are delighted to welcome you to the 2024 Developments in Ureteroscopic Stone Treatment (D.U.S.T.) Symposium. Now in its 9th year, this meeting promises an exciting program addressing contemporary issues in the endoscopic management of urinary stone disease.

This year, we explore groundbreaking advancements such as next-generation holmium and thulium laser systems, cutting-edge ureteroscopes, and innovative ancillary devices like suction ureteral access sheaths. These innovations are revolutionizing the personalized management of kidney stone patients. We are proud to offer this CME activity as a platform to help you integrate new surgical techniques into your practice, share the latest standards of care, and adopt new management strategies—all with the goal of enhancing patient outcomes in kidney stone surgery.

Over the next three days, you will hear from leading experts in ureteroscopy, learn the latest PCNL techniques, and delve into the endoscopic management of upper urinary tract urothelial cancer. We are honored to welcome an esteemed international faculty, including Dr. Palle Osther from Denmark, Dr. Amelia Pietropaolo from the UK, Dr. Marianne Brehmer from Sweden, Dr. Oscar Fugita from Brazil, Dr. Wissam Kamal from Saudi Arabia, and Dr. Thomas Taily from Belgium. From the United States, we are privileged to have Dr. Jodi Antonelli, Dr. Casey Dauw, Dr. Mantu Gupta, Dr. Michael Lipkin, Dr. Kymora Scotland, Dr. Necole Streeper, Dr. Jonathan Harper, Dr. Ojas Shah, Dr. Sri Sivalingam, Dr. Wilson Sui, and Dr. Brian Eisner—all recognized leaders in their respective subspecialties. Their expertise and experience will significantly enrich the content of this meeting. These renowned urologists are here to impart their knowledge and passion for innovation, education, and patient care.

We also wish to extend our gratitude to our industry partners. Their generous support and collaboration have made this meeting possible. We encourage you to visit their booths, explore the latest technology for clinical practice, and participate in the industry-sponsored skills lab on Saturday morning. Be sure to attend the presentations on State-of-the-Art advances during the industry-sponsored sessions as well.

We hope you enjoy a productive and inspiring meeting over the next three days. The Mandarin Oriental is one of Miami's finest hotels, and we hope you find your stay comfortable. Don't forget to join us for the Welcome Reception on Thursday evening, where you can network with colleagues, reconnect with friends, and enjoy the poster presentations. On Saturday morning, be sure to attend the Balloon Debate, where we will conclude the meeting with an educational and entertaining session—not to be missed!

If there is anything we can do to enhance your experience, please don't hesitate to reach out. Finally, we encourage you to actively participate by asking questions and sharing your insights. We are here to learn from you as well!

Sincerely,

A handwritten signature in black ink, appearing to read 'Khurshid R. Ghani'.

KHURSHID R. GHANI, MBCHB, MS, FRCS
Course Director
Professor of Urology University of Michigan

A handwritten signature in black ink, appearing to read 'William W. Roberts, MD'.

WILLIAM W. ROBERTS, MD
Course Co-Director
Professor of Urology University of Michigan

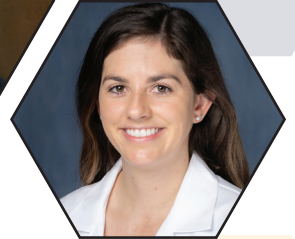
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Hong Kong A & B

SIP & LEARN • Thursday, October 3 • 5:00 pm – 5:30 pm

ClearPetra: Setting the New Par in Stone Suction

Wilson Molina, MD & Bristol Whiles, MD
The University of Kansas



BREAKFAST • Friday, October 4 • 7:00 am – 8:00 am

Get to the Root Cause Of Kidney Stone Disease

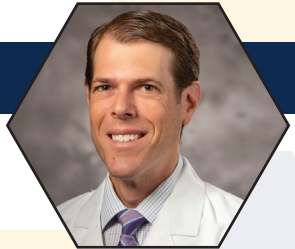
David Duong, MD, PhD
The University of Kansas



LUNCH • Friday, October 4 • 12:00 pm – 1:00 pm

LithoVue Elite: How to Handle the Pressure

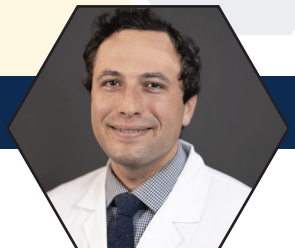
Michael Lipkin, MD, MBA
Duke University School of Medicine



SIP & LEARN • Friday, October 4 • 3:00 pm – 4:00 pm

The Latest Laser Technology is Here

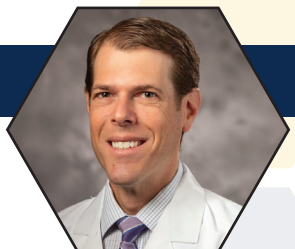
Ilya Sobol, MD
The University of Kansas



BREAKFAST • Saturday, October 5 • 7:30 am – 8:30 am

**From Theory to Practice:
The Impact of SOLTIVE Thulium Fiber Lasers**

Michael Lipkin, MD, MBA
Duke University School of Medicine





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October 3-5 • Mandarin Oriental Miami • Miami, Florida



THURSDAY, OCTOBER 3

11:30 am – 5:30 pm	REGISTRATION & INFORMATION DESK HOURS • <i>Ballroom Foyer</i>
11:30 am – 7:30 pm	EXHIBIT HALL HOURS • <i>Mandarin Oriental Ballroom Salon 1 & 2</i>
12:30 pm – 12:45 pm	Welcome to Miami and DUST24 <i>Khurshid Ghani, MBChB, MS, FRCS</i>
12:45 pm – 1:00 pm	Quantification of Ureteroscopy: Where We Were, Are and Will Be <i>William Roberts, MD</i>
<p align="center">SESSION 1: AN UPDATE ON LASERS, SCOPES AND SUCTION: “Another One Bites the Dust” Moderators <i>Khurshid Ghani, MBChB, MS, FRCS, William Roberts, MD, Palle Osther, MD, PhD, MPM, Jodi Antonelli, MD</i></p>	
1:00 pm – 1:10 pm	What is the Best Laser Setting with TFL? <i>Ojas Shah, MD</i>
1:10 pm – 1:20 pm	What is the Best Laser Setting with ThuYAG? <i>Wissam Kamal, MD</i>
1:20 pm – 1:30 pm	What is the Best Laser Setting with HoYAG? <i>Khurshid Ghani, MBChB, MS, FRCS</i>
1:30 pm – 1:40 pm	What About Temperature? <i>Mantu Gupta, MD, FRCS (Glasg)</i>
1:40 pm – 1:55 pm	Discussion
1:55 pm – 2:05 pm	How Do I Choose My Ureteroscope? <i>Sri Sivalingam, MD, MSc, FRCSC</i>
2:05 pm – 2:15 pm	What About Suction During Ureteroscopy? <i>Amelia Pietropaolo, MD, FEBU</i>
2:15 pm – 2:30 pm	Discussion
2:30 pm – 3:00 pm	BREAK with EXHIBITORS • <i>Mandarin Oriental Ballroom Salon 1 & 2</i>
<p align="center">SESSION 2: LEARN FROM THE EXPERTS: “This Is How We Do It” Moderators <i>Mantu Gupta, MD, FRCS (Glasg), Thomas Taily, MD, MSc, FEBU, PhD, Necole Streeper, MD</i></p>	
3:00 pm – 3:10 pm	Ureteroscopy to Achieve Stent Omission <i>Casey Dauw, MD</i>
3:10 pm – 3:20 pm	Ureteroscopy in Pregnant Patients <i>Jodi Antonelli, MD</i>
3:20 pm – 3:30 pm	Ureteroscopy for Upper Tract TCC <i>Marianne Brehmer, MD, PhD</i>
3:30 pm – 3:40 pm	Choosing Between TFL and Holmium for Stones <i>Khurshid Ghani, MBChB, MS, FRCS</i>
3:40 pm – 4:00 pm	Discussion
<p align="center">SESSION 3: STATE OF ART LECTURES #1: “Under Pressure” Moderators <i>Kymora Scotland, MD, PhD, Oscar Fugita, MD, PhD, William Roberts, MD</i></p>	
4:00 pm – 4:30 pm	Intrarenal Backflow: Intrarenal Pressure and Beyond <i>Palle Osther, MD, PhD, MPM</i>
4:30 pm – 5:00 pm	Patient Experience with Ureteral Stents <i>Jonathan Harper, MD</i>
5:00 pm – 5:30 pm	SIP AND LEARN • INDUSTRY SPONSORED PRODUCT THEATER • <i>Hong Kong A & B</i>
5:30 PM - 7:30 PM	<p>WELCOME RECEPTION WITH EXHIBITORS & POSTERS ALL ARE WELCOME • COMPLETE EXHIBITOR PASSPORT & EARN YOUR YETI! <i>Mandarin Oriental Ballroom Salon 1 & 2</i></p>



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FRIDAY, OCTOBER 4

6:30 am – 5:30 pm	REGISTRATION & INFORMATION DESK HOURS • <i>Ballroom Foyer</i>
6:30 am – 4:00 pm	EXHIBIT HALL HOURS • <i>Mandarin Oriental Ballroom Salon 1 & 2</i>
7:00 am – 8:00 am	BREAKFAST • INDUSTRY SPONSORED PRODUCT THEATER • <i>Hong Kong A & B</i>
SESSION 4: HOT TOPICS: “Born to Run”	
Moderators <i>Khurshid Ghani, MBChB, MS, FRCS, Ojas Shah, MD, Amelia Pietropaolo, MD, FEBU</i>	
8:00 am – 8:10 am	Should I Treat an Asymptomatic Stone with URS? <i>Jonathan Harper, MD</i>
8:10 am – 8:20 am	Antibiotics for Ureteral Stents <i>Thomas Taily, MD, MSc, FEBU, PhD</i>
8:20 am – 8:30 am	Should We Treat Small Stones in Patients with Pain or UTI? <i>Mantu Gupta, MD, FRCS (Glasg)</i>
8:30 am – 8:40 am	Personalized Metabolic Stone Management <i>Kymora Scotland, MD, PhD</i>
8:40 am – 9:00 am	Discussion
9:00 am – 9:10 am	Is Shockwave Lithotripsy Dead? <i>Oscar Fugita, MD, PhD</i>
9:10 am – 9:20 am	Non-invasive Clinic-Based Treatment of Stones <i>Wilson Sui, MD</i>
9:20 am – 9:30 am	How to Plan a Good PCNL <i>Marianne Brehmer, MD, PhD</i>
9:30 am – 9:40 am	Post-Operative Imaging: Who, When and How <i>Casey Dauw, MD</i>
9:40 am – 10:00 am	Discussion
10:00 am – 10:30 am	BREAK with EXHIBITORS • <i>Mandarin Oriental Ballroom Salon 1 & 2</i>
SESSION 5: STATE-OF-THE-ART LECTURES #2: “Mr. Brightside”	
Moderators <i>Jonathan Harper, MD, William Roberts, MD, Sri Sivalingam, MD, MSc, FRCSC</i>	
10:30 am – 11:00 am	“Drink Water”: Science Behind Hydration and Stones <i>Necole Streeper, MD</i>
11:00 am – 11:30 am	Stone Size or Volume: What Matters? <i>Thomas Taily, MD, MSc, FEBU, PhD</i>
11:30 am – 12:00 pm	How Do Stones Break Up with Lasers? <i>Michael Lipkin, MD, MBA</i>
12:00 pm – 1:00 pm	LUNCH • INDUSTRY SPONSORED PRODUCT THEATER • <i>Hong Kong A & B</i>
SESSION 6: DIFFICULT CASES: “Fix You”	
Moderators <i>Wissam Kamal, MD, Marianne Brehmer, MD, PhD, Jodi Antonelli, MD</i>	
1:00 pm – 1:15 pm	Treatment of Stones in Horseshoe Kidney <i>Amelia Pietropaolo, MD, FEBU</i>
1:15 pm – 1:30 pm	Impacted Ureter Stone <i>Ojas Shah, MD</i>
1:30 pm – 1:45 pm	Calyceal Diverticulum Stone <i>Wilson Sui, MD</i>
1:45 pm – 2:00 pm	Conservative Management of Staghorn Stone <i>Brian Eisner, MD</i>

STONE TREATMENT SYMPOSIUM

Registration & Information Desk • Ballroom Foyer

Lectures • Mandarin Oriental Ballroom Salon 3

Exhibits • Mandarin Oriental Ballroom Salon 1 & 2

Industry Sponsored Product Theater / Sip & Learn • Hong Kong A & B

FRIDAY, OCTOBER 4 *continued*

SESSION 7: INNOVATION CORNER: "Everything Now"	
Moderators <i>Brian Eisner, MD, Sri Sivalingam, MD, MSc, FRCSC, Necole Streeper, MD, Casey Dauw, MD</i>	
2:00 pm – 2:15 pm	ChatGPT Will See You Now: AI to Help with the Patient Experience <i>Kymora Scotland, MD, PhD</i>
2:15 pm – 2:30 pm	The A Team: How to Work with APPS in Managing Kidney Stones <i>Michael Lipkin, MD, MBA</i>
2:30 pm – 2:45 pm	Is the Robot Finally Here for Ureteroscopy? <i>Palle Osther, MD, PhD, MPM</i>
2:45 pm – 3:00 pm	So, You Want to Be an Entrepreneur? <i>Oscar Fugita, MD, PhD</i>
3:00 pm – 4:00 pm	SIP AND LEARN • INDUSTRY SPONSORED PRODUCT THEATER • Hong Kong A & B
SESSION 8: SEMI LIVE CASES: "Thunderstruck"	
Moderators <i>Khurshid Ghani, MBChB, MS, FRCS, Kymora Scotland, MD, PhD, Ojas Shah, MD, Palle Osther, MD, PhD, MPM</i>	
4:00 pm – 4:15 pm	No FUSS Ureteroscopy <i>Mantu Gupta, MD, FRCS (Glasg)</i>
4:15 pm – 4:30 pm	Suction Ureteral Access Sheath and Ureteroscopy <i>Wissam Kamal, MD</i>
4:30 pm – 4:45 pm	Dusting With a Suction Ureteroscope <i>Brian Eisner, MD</i>
4:45 pm – 5:00 pm	Endoscopic Combined Intrarenal Surgery with ThuYAG <i>Thomas Tailly, MD, MSc, FEBU, PhD</i>
5:00 pm – 5:15 pm	Mini PCNL with TFL <i>Sri Sivalingam, MD, MSc, FRCSC</i>
5:15 pm – 5:30 pm	Wrap-Up Day 2 <i>Khurshid Ghani, MBChB, MS, FRCS</i>

SATURDAY, OCTOBER 5

7:00 am – 12:30 pm	REGISTRATION / INFORMATION DESK HOURS • Exhibit Hours 7:00 am – 10:45 am
7:30 am – 8:30 am	BREAKFAST • INDUSTRY SPONSORED PRODUCT THEATER • Hong Kong A & B
8:30 am – 10:30 am	HANDS-ON SKILLS LAB Faculty <i>Boston Scientific - Bangkok A Calyxo - Singapore</i> <i>Dornier - Kahala Karl Storz - Himalayan</i> 
10:30 am – 10:45 am	BREAK with EXHIBITORS
10:45 am - 11:00 am	Meeting Recap <i>William Roberts, MD</i>
11:00 am – 12:30 pm	Session 9 • BALLOON DEBATE 3.0 Moderators <i>Khurshid Ghani, MBChB, MS, FRCS, William Roberts, MD, Thomas Tailly, MD, MSc, FEBU, PhD</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <i>Jodi Antonelli, MD</i> <i>Casey Dauw, MD</i> <i>Michael Lipkin, MD, MBA</i> <i>Palle Osther, MD, PhD, MPM</i> </div> <div style="width: 45%;"> <i>Amelia Pietropaolo, MD, FEBU</i> <i>Ojas Shah, MD</i> <i>Necole Streeper, MD</i> </div> </div> 
12:30 pm	Closing Remarks <i>Khurshid Ghani, MBChB, MS, FRCS</i>

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