The
LES Society for Fellows, Residents & Practicing Surgeons

PRESENTS

Less Exposure Surgery for the Young & Aging Spine

Saturday, June 3rd, 2017

Stewart Hotel | New York City, New York
Chairman's Letter

As a medical student at Harvard Medical School, I experienced firsthand the long hours, the pressure packed situations, and the stress of residency and fellowship. I promised myself that I would not put in all that hard work for nothing. I would use my training not only to help patients but to empower other surgeons as well.

With this in mind, I helped found the LES Society and LES Society Fellows Program. We educate and train surgeons in Less Exposure Surgery (LES), an innovative new approach to spine surgery that dramatically reduces tissue disruption, blood loss, and patient recovery time. This new technique moves spine surgery from hospitals and allows them to be performed in outpatient facilities.

The LES Society fellows program is much more than a fellowship that trains surgeons clinically before sending them out on their own into the world. We have built a program that evolves and adapts to your needs as a developing surgeon. We believe that just being the best surgeon isn't enough. We also want to promote entrepreneurship by teaching business acumen to our surgeons. We believe that the best medical professionals are the most well-rounded. We want to give our surgeons the tools they need to succeed both in and out of the operating room, and we are constantly innovating to evolve along with the changing healthcare field to improve efficiency and safety of spine surgery.

We hope you will consider the LES Society as you look to further your clinical and career development.

Sincerely,

Kingsley R. Chin, M.D.
About Us

LES Society Mission Statement
The Less Exposure Surgery Society seeks to advance research, education and technology.

Course Mission Statement
The Less Exposure Surgery Society teaches tissue sparing treatments that allow for ease of application for the surgeon with improved outcome for the patient.

Learning Objectives
- Techniques for Cervical Intervertebral Fusion
- Techniques for Thoracic, Lumbar, and Sacral Fixation
- Techniques for Lateral Intervertebral Fusion
- Techniques for Vertebral Body Replacement
- Techniques for Posterior Sacroiliac Joint Fusion
- Techniques for Transforaminal Lumbar Interbody Fusion
- Understanding of Surgical Instrumentation
- Understand the Process Of Surgeon-Led Invention Through Engineering Collaboration: From Concept To Reality
- Understand the Value Of Surgeon Branding & Marketing In The Digital Age
### Agenda

**MORNING SESSION**

**Welcome & Introductions**
8:00am - 8:05am

**Didactic**
Cervical Intervertebral Fusion with Dr. Dante Leven
8:05am - 8:15am

Lateral Intervertebral Fusion with Dr. Jeffrey Bash & Dr. Joseph Aferzon
8:15am - 8:25am

Posterior Sacroiliac Joint Fusion with Dr. Kingsley Chin
8:15am - 8:25am

**Lab Section**
Fellows & Residents will be divided into groups, referenced in the program insert. Groups will rotate through assigned stations. Practicing Surgeons are encouraged to spend time at any and all stations.

<table>
<thead>
<tr>
<th>Station 1</th>
<th>Cervical Intervertebral Fusion with Dr. Dante Leven</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am - 9:40am</td>
<td>Group 1</td>
</tr>
<tr>
<td>9:40am - 10:50am</td>
<td>Group 3</td>
</tr>
<tr>
<td>10:50am - 12:00pm</td>
<td>Group 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Station 2</th>
<th>Lateral Intervertebral Fusion with Dr. Jeffrey Bash &amp; Dr. Joseph Aferzon</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am - 9:40am</td>
<td>Group 2</td>
</tr>
<tr>
<td>9:40am - 10:50am</td>
<td>Group 1</td>
</tr>
<tr>
<td>10:50am - 12:00pm</td>
<td>Group 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Station 3</th>
<th>Posterior Sacroiliac Joint Fusion with Dr. Kingsley Chin</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am - 9:40am</td>
<td>Group 3</td>
</tr>
<tr>
<td>9:40am - 10:50am</td>
<td>Group 2</td>
</tr>
<tr>
<td>10:50am - 12:00pm</td>
<td>Group 1</td>
</tr>
</tbody>
</table>

**LUNCH & LEARN**
12:00pm - 1:00pm

**AFTERNOON SESSION**

**Didactic**
Vertebral Body Replacement with Dr. Jeffrey Bash & Dr. Joseph Aferzon
1:00pm - 1:10pm

Thoracic, Lumbar, and Sacral Fixation with Dr. Fassil Mesfin
1:10pm - 1:20pm

Transforaminal Lumbar Interbody Fusion with Dr. Dante Leven
1:20pm - 1:30pm

**Lab Section**

<table>
<thead>
<tr>
<th>Station 1</th>
<th>Vertebral Body Replacement with Dr. Jeffrey Bash &amp; Dr. Joseph Aferzon</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:35pm - 2:45pm</td>
<td>Group 1</td>
</tr>
<tr>
<td>2:45pm - 3:55pm</td>
<td>Group 3</td>
</tr>
<tr>
<td>3:55pm - 5:05pm</td>
<td>Group 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Station 2</th>
<th>Thoracic, Lumbar, and Sacral Fixation with Dr. Fassil Mesfin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:35pm - 2:45pm</td>
<td>Group 2</td>
</tr>
<tr>
<td>2:45pm - 3:55pm</td>
<td>Group 1</td>
</tr>
<tr>
<td>3:55pm - 5:05pm</td>
<td>Group 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Station 3</th>
<th>Transforaminal Lumbar Interbody Fusion with Dr. Dante Leven</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:35pm - 2:45pm</td>
<td>Group 3</td>
</tr>
<tr>
<td>2:45pm - 3:55pm</td>
<td>Group 2</td>
</tr>
<tr>
<td>3:55pm - 5:05pm</td>
<td>Group 1</td>
</tr>
</tbody>
</table>

**Cases & Closing Remarks**
5:10pm - 5:30pm

The Value Of Surgeon Branding & Marketing In The Digital Age
12:35pm - 12:45pm with Bree Goodrow

Medical Device Engineering - Collaborating with Surgeons: From Concept to Reality
12:45pm - 1:00pm with Mike Bache & Josh Finkel
Faculty

DR. DANTE LEVEN, MD
- Fellowship Trained Orthopedic Surgeon
- Total Orthopedics and Sports Medicine
- Associate Professor with the Orthopedic Surgery Residency Program at Nassau University Medical Center
- American Academy of Orthopedic Surgeons
- North American Spine Society
- Lumbar Spine Research Society

DR. KINGSLEY R. CHIN, MD
- CEO & Board-Certified Orthopedic Spine Surgeon, The LESS Institute
- Affiliate Professor, Clinical Biomedical Sciences, Florida Atlantic University
- Clinical Professor, Department of Orthopedic Surgery, Florida International University
- Chairman & CEO, KICVentures

DR. FASSIL MESFIN, MD, PHD, FAANS, FACS
- Board Certified in Neurosurgery
- Assistant Professor and Director of Spine MU Neurosurgery
- University of Missouri School of Medicine

DR. JEFFREY A. BASH, MD
- Board Certified Orthopedic Surgeon specializing in spinal surgery
- Co-Director of Connecticut Spine Institute for Minimally Invasive Spine Surgery
- Chief of Spine Surgery Middlesex Hospital
- Member of the National Association of Spine Surgeons, the American Academy of Orthopedic Surgeons, the Society of Lateral Access Surgeons and he is a diplomat of the American Board of Orthopedic Surgeons

DR. JOSEPH AFERZON, MS, MD
- Board Certified Neurological Surgeon
- Co-Director/ Founder of Connecticut Spine Institute for Minimally Invasive Surgery (CSIMIS)
- Holds 12 patents relating to minimally invasive spinal instrumentation
- Member of American Academy of Neurological Surgery
- Congress of Neurological Surgery
- National Association of Spine Surgeons, New England Neurosurgical Society, Society of Lateral Access Surgeons

In May 2015, Dr. Kingsley R. Chin, an orthopaedic surgeon and founder of Less Exposure Surgery Specialists (LESS) Institute in Florida, and Dr. Carl A. Bruce, a consultant neurosurgeon at the University of the West Indies at Mona Jamaica, operated on a fifteen year old woman with a severe spine deformity during a LES Society mission to Jamaica funded by a $500,000 donation.
Thank You to Our Sponsors

SURGEON LED. SURGEON DRIVEN.

Founded in 2007, SpineFrontier is committed to revolutionizing outpatient surgery. Less Exposure Surgery Technologies increase surgeon satisfaction while decreasing ASC costs and recovery time.

Join the movement.

contact@lessociety.org
DR. KINGSLEY R. CHIN
- Fellowship-trained & Board Certified Orthopedic Surgeon
- +20 years in practice
- EDUCATION Harvard Medical School
- RESIDENCY: Harvard University
- FELLOWSHIP: Spine Surgery at Case Western Reserve University School of Medicine
- AREAS OF EXPERTISE Spine Surgery
- Chairman & CEO, LES Society
- Over 20 years healthcare experience
- 2 Columbia Diplomas - Engineering & Math
- 4 Harvard Diplomas including MD
- AT&T Bell laboratories
- IT Consulting - Accenture at Cigna & Goldman Sachs
- Chief of Spine at UPenn for 4 years
- Professor at 2 medical schools
- Actively practicing orthopedic spine surgeon

ADITYA HUMAD
- Secretary & Treasurer, LES Society
- Over 10 years healthcare experience
- UPenn Engineering
- Wharton Business School (M&T program)
- Wall Street Investment Banking at JPMorgan Healthcare
- Several financing, restructuring and M&A transactions

Locations

Hotel Accommodation
Four Points by Sheraton Midtown West
444 10th Avenue
New York, NY 10018

Lab
8:00am - 5:30pm
Stewart Hotel New York
Gillespie & Rockwell Meeting Rooms
371 7th Ave
New York, NY 10001

Saturday's Dinner
8:00pm - 11:00pm
Tao - Uptown
42 E 58th St
New York, NY 10022

Transportation
- Flight, train and car service transportation will be scheduled by the LES Society & your itinerary and confirmations will be sent to you via email.
- The distance from the hotel to the lab venue is a short, 3-block walk down 10th Ave, left on 31st St and 3 blocks east to the corner of 7th Ave and 31st St. We will depart from the hotel lobby as a group at 7:30am on Saturday.
- There will be shuttle and cab transportation from the hotel to Tao on Saturday evening departing at 7:40pm.
- Attendees will be expected to arrange their own travel to the airport on Sunday.
- Questions? Please contact:
  Bree Goodrow
  contact@LESSociety.org
  774-232-0280

Governance
Upcoming Events

Email contact@lessociety.org to jumpstart your career with our networking opportunities & educational events

<table>
<thead>
<tr>
<th>DATE</th>
<th>EVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 22-24th</td>
<td>Becker’s 15th Annual Spine, Orthopedic &amp; Pain Management-Driven ASC Conference + The Future of Spine Care</td>
</tr>
<tr>
<td></td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>July 26-29th</td>
<td>North American Spine Society’s Summer Spine Meeting</td>
</tr>
<tr>
<td></td>
<td>San Diego, California</td>
</tr>
<tr>
<td>Sept 6-9th</td>
<td>Scoliosis Research Society’s 52nd Annual Meeting &amp; Course</td>
</tr>
<tr>
<td></td>
<td>Philadelphia, Pennsylvania</td>
</tr>
<tr>
<td>Oct 7-11th</td>
<td>Congress of Neurological Surgeons Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Oct 7th</td>
<td>HealthTech Venture Network Conference</td>
</tr>
<tr>
<td></td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Oct 11-13th</td>
<td>EuroSpine</td>
</tr>
<tr>
<td></td>
<td>Dublin, Ireland</td>
</tr>
<tr>
<td>Oct 25-28th</td>
<td>North American Spine Society’s 32nd Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Orlando, Florida</td>
</tr>
<tr>
<td>Nov 30-Dec 2nd</td>
<td>Cervical Spine Research Society’s 45th Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Hollywood, Florida</td>
</tr>
<tr>
<td>Jan 26-29th</td>
<td>15th Caribbean Neurosciences Symposium</td>
</tr>
<tr>
<td></td>
<td>Montego Bay, Jamaica</td>
</tr>
</tbody>
</table>

LESS EXPOSURE SURGERY SOCIETY
350 MAIN STREET, 2ND FLOOR
MALDEN, MA 01248
978-232-3990
CONTACT@LESSOCIETY.ORG

Learn More At
LESSOCIETY.ORG