40 fellows from Mexico

26 fellows’ case presentations

4 faculty members from the USA

4 excellent case presentations

12 didactic lectures

1 Hands-on Simulation Training

© Open Medical Institute 2023
<table>
<thead>
<tr>
<th>Time</th>
<th>Monday, April 24</th>
<th>Tuesday, April 25</th>
<th>Wednesday, April 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 – 09:00</td>
<td><strong>REGISTRATION &amp; BREAKFAST</strong></td>
<td><strong>REGISTRATION &amp; BREAKFAST</strong></td>
<td><strong>REGISTRATION &amp; BREAKFAST</strong></td>
</tr>
<tr>
<td>09:00 – 10:00</td>
<td><strong>Introductions</strong>&lt;br&gt;Pre-Seminar Test&lt;br&gt;Nicholas Tsarouhas, MD</td>
<td><strong>Selection of Intubation Medications</strong>&lt;br&gt;Nicholas Tsarouhas, MD</td>
<td><strong>Febrile Young Infant</strong>&lt;br&gt;Richard J. Scarfone, MD</td>
</tr>
<tr>
<td>10:00 – 11:00</td>
<td><strong>Surgical Emergencies</strong>&lt;br&gt;Richard J. Scarfone, MD</td>
<td><strong>Pediatric Intubation Technique</strong>&lt;br&gt;Archana Verma, MD</td>
<td><strong>Approach to the Sick Neonate</strong>&lt;br&gt;Archana Verma, MD</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td><strong>COFFEE BREAK</strong></td>
<td><strong>COFFEE BREAK</strong></td>
<td><strong>COFFEE BREAK</strong></td>
</tr>
<tr>
<td>11:15 – 11:45</td>
<td><strong>Septic Shock Fluid Management</strong>&lt;br&gt;Carlos Bañuelos, MD</td>
<td><strong>Burns</strong>&lt;br&gt;Karla Solís, MD</td>
<td><strong>Hands-on Simulation Training</strong>&lt;br&gt;All Faculty</td>
</tr>
<tr>
<td>11:45 – 12:30</td>
<td><strong>Cognitive Errors in Medicine</strong>&lt;br&gt;James M. Callahan, MD</td>
<td><strong>Non-Traumatic Headaches</strong>&lt;br&gt;James M. Callahan, MD</td>
<td><strong>SIDS:</strong> Nicholas Tsarouhas, MD&lt;br&gt;<strong>Septic Shock:</strong> Archana Verma, MD&lt;br&gt;<strong>Trauma:</strong> Richard J. Scarfone, MD&lt;br&gt;<strong>Procedures:</strong> James M. Callahan, MD &amp; Nancy Etzel</td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td><strong>Kawasaki Disease &amp; MIS-C</strong>&lt;br&gt;Archana Verma, MD</td>
<td><strong>Head Trauma</strong>&lt;br&gt;Richard J. Scarfone, MD</td>
<td></td>
</tr>
<tr>
<td>13:30 – 14:30</td>
<td><strong>LUNCH</strong></td>
<td><strong>LUNCH</strong></td>
<td><strong>LUNCH</strong></td>
</tr>
<tr>
<td>14:30 – 15:30</td>
<td><strong>Status Epilepticus</strong>&lt;br&gt;Nicholas Tsarouhas, MD</td>
<td><strong>Syncope</strong>&lt;br&gt;James M. Callahan, MD</td>
<td><strong>Transport Medicine</strong>&lt;br&gt;Nicholas Tsarouhas, MD</td>
</tr>
<tr>
<td>15:30 – 17:00</td>
<td><strong>Workshop</strong>&lt;br&gt;Fellows’ Case Presentations&lt;br&gt;Nicholas Tsarouhas, MD&lt;br&gt;Archana Verma, MD</td>
<td><strong>Workshop</strong>&lt;br&gt;Fellows’ Case Presentations&lt;br&gt;Richard J. Scarfone, MD&lt;br&gt;James M. Callahan, MD</td>
<td><strong>15:30 – 16:00</strong>&lt;br&gt;<strong>Post-Seminar Test</strong>&lt;br&gt;16:00 – 16:30&lt;br&gt;<strong>Evaluation &amp; Discussion</strong>&lt;br&gt;16:30 – 17:00&lt;br&gt;<strong>Closing Ceremony &amp; Awards</strong>&lt;br&gt;All Faculty</td>
</tr>
</tbody>
</table>

© Open Medical Institute 2023
Learning Objectives for Participants
At the conclusion of this seminar, the participant should be better able to:

1. Recognize and manage common medical emergencies in Pediatric Emergency Medicine.
3. Understand the optimal strategies to manage pediatric trauma.

ACCME Accreditation Statement
Children’s Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement
Children’s Hospital of Philadelphia designates this live activity for a maximum of 17 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
Nicholas Tsarouhas, MD
(Course Director)

Attending Physician in Pediatric Emergency Medicine
Children’s Hospital of Philadelphia
3401 Civic Center Blvd.
Colket Translational Research Building, Room 2206
Philadelphia, PA 19104
USA
Phone: +1-215-847-4963
Email: tsarouhas@chop.edu

Nicholas Tsarouhas, MD is an Attending Physician in the Pediatric Emergency Department at the Children's Hospital of Philadelphia (CHOP). He also serves as Medical Director of the Emergency Transport Team. Each year, the CHOP Transport Team transports over 5,000 ill and injured patients to CHOP by ground ambulance, rotor wing helicopter, and fixed wing airplane. The Transport Team retrieves patients locally, nationally, and internationally. In addition to his clinical duties, Dr. Tsarouhas holds several other administrative duties at CHOP. He serves as the Chairperson of CHOP’s Credentials Committee in charge of Physician Credentialing. He also has leadership roles in committees dedicated to Emergency Response, Capacity Management, and Clinical Communications. Dr. Tsarouhas’ training included a three-year Pediatric Residency and then a three-year Pediatric Emergency Medicine Fellowship at CHOP. After fellowship, he was recruited by a non-pediatric hospital to create a separate Pediatric Emergency Department distinct from their “Adult” Emergency Department. Five years later, after successfully accomplishing this goal, he returned to CHOP to serve as an attending physician in the Pediatric Emergency Department. He is the recipient of several awards including the Senior Resident Humanitarian Award, the David Cornfeld Bedside Teaching Award, the Faculty Teaching Award, and the Blockley-Osler Teaching Award. His academic appointment is Professor of Clinical Pediatrics at the Perelman School of Medicine at the University of Pennsylvania.
James M. Callahan, MD is a Pediatric Emergency Physician at Children’s Hospital of Philadelphia (CHOP) and a Professor of Clinical Pediatrics at the Perelman School of Medicine (PSOM) of the University of Pennsylvania. He serves as Medical Director of CHOP’s Global Pediatric Education program. He is a native of northern New York State and graduated from St. Lawrence University in Canton, NY and SUNY Upstate Medical University in Syracuse. He completed pediatric residency, served as Chief Resident, and was a fellow in Pediatric Emergency Medicine at CHOP. Dr. Callahan has served in a range of leadership roles in resident and fellow education including Director of Education for the Division of Emergency Medicine and Vice Director of the CHOP Pediatric Residency Program. He currently serves as the Education Officer for the Department of Pediatrics at PSOM. He has played a significant role in many global medical education activities long before assuming his current position, including hosting numerous international observers in the Emergency Department, serving as an invited speaker at numerous international conferences and symposia, and working with international stakeholders to support the activities of the Open Medical Institute of the American Austrian Foundation in Austria, Mexico, and Chile. Dr. Callahan is an Attending Physician in the Division of Emergency Medicine. He has authored several peer-reviewed articles and over twenty book chapters related to Pediatric Emergency Medicine. He has served as a member of the Committee on Pediatric Emergency Medicine of the American Academy of Pediatrics and of the Pediatric Emergency Medicine Sub – Board representing the American Board of Pediatrics. He is a reviewer for five refereed journals and serves on the Editorial Board for Pediatric Emergency Care. He served on the Guidelines Workgroup that authored the Centers for Disease Control and Prevention’s Guidelines on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children. His current academic and professional interests include mild traumatic brain injury (concussions) in children and adolescents, prehospital care for children, improving the experience of patients, families and providers, and professionalism among medical trainees. As Medical Director of Global Pediatric Education, Dr. Callahan works to build and maintain long-term, collaborative relationships with international partners in global medical education, oversee international observers and scholars visiting CHOP, and works with departments, divisions, and faculty at CHOP to support and facilitate global medical education activities.
Richard J. Scarfone, MD

Associate Professor of Pediatrics
Perelman School of Medicine at the University of Pennsylvania
Children’s Hospital of Philadelphia
34th Street and Civic Center Blvd.
Philadelphia, PA 19104
USA

Phone: +1-215-590-1944
Email: scarfone@chop.edu

Richard J. Scarfone, MD is a Pediatric Emergency Medicine (PEM) physician at the Children’s Hospital of Philadelphia (CHOP). Originally from New York City, he is a graduate of the Buffalo School of Medicine and completed pediatric residency training and a fellowship in PEM at the Children’s Hospital of Pittsburgh. Dr. Scarfone is the Medical Director of Emergency Preparedness for the division of emergency medicine at CHOP. Dr. Scarfone has won several teaching awards, including the Victor C. Vaughan Award for excellence in teaching, awarded by the house staff at St. Christopher’s Hospital for Children, and the Faculty Teacher of the Year Award, awarded by the house staff at CHOP. Dr. Scarfone’s principal educational interest is the impact of cognitive errors, diagnostic uncertainty, and implicit bias in medical decision-making. He co-leads the education pillar of CHOP’s Center for Diagnostic Excellence.
Archana Verma, MD

Archana Verma, MD is an Associate Professor of Pediatrics at the Perelman School of Medicine at the University of Pennsylvania. She works as an attending physician in Pediatric Emergency Medicine at both the large academic Children’s Hospital of Philadelphia (CHOP) and their community affiliate hospital in New Jersey. She serves as Co-Director of the Pediatric Emergency Medicine Fellowship Program at CHOP as well as Co-Director of Pediatric Emergency Medicine Education at the New Jersey affiliate hospital. In addition to her clinical duties, Dr. Verma is active in the division’s diversity, equity, and inclusion efforts. She also spends her academic time contributing to resident orientation and simulation activities, and particularly enjoys procedural education for residents and advanced practice providers. Dr. Verma received her medical degree from The State University of New York – Downstate Medical Center and then completed Pediatric Residency at the Children’s Hospital of Montefiore, Albert Einstein College of Medicine, followed by a Pediatric Emergency Medicine Fellowship at Jacobi Medical Center, Albert Einstein College of Medicine. Dr. Verma has been at CHOP for the past eight years. She currently lives in Princeton, NJ with her husband Eric, son Deven (age 10), and daughter Sarina (age 6).
Becky Aguilar-Álvarez de Sáenz
Executive Director | AMSA

- Bachelors degree in economics, Instituto Tecnológico Autónomo de México (ITAM)
- Banking and financial career for 15 years
- Member of the Board Civic Committee, Ford Motor Company Mexico
- Treasurer of the Board of Trustees UNETE (Unión de Empresarios por la Tecnología en la Educación)
- Member of the International Women’s Forum
- Member of the Mexican Council for International Affairs
- AMSA’s Executive Director since 2010

Gerardo Legorreta Creel
President of the Board | AMSA

- Chairman of the Board of Trustees, Alianza Médica para la Salud, A. C. (AMSA)
- Studied at the London Business School and Instituto Tecnológico Autónomo de México (ITAM)
- CEO of UBS (Union Bank of Switzerland)
- Member of the Board of Directors of Bepensa, SA de CV
- Founder and Managing Director of LG & A
Moisés Abraham Aguilar de los Santos, DrPH
Hospital Star Medica
Department of Emergency Medicine
Av. Carlos Hank
55120 Mexico City
Mexico
moi_cod@hotmail.com

Valentina Alvarado, PhD
Instituto Nacional de Pediatría
Department of Pediatrics
Insurgentes Sur 3700 C, Insurgentes Cuicuilco
04530 Mexico City
Mexico
evap_89@hotmail.com

Stephanie Brooke Álvarez, MD
Centro Medico ABC
Department of Pediatrics
Av. Carlos Fernández Graef 154, Santa Fe,
Contadero, Cuajimalpa de Morelos
05330 Mexico City
Mexico
stephalvarezk@gmail.com

Patricia Arcos Noguez, MD
Instituto Mexicano del Seguro Social HGZ 1
Aguascalientes
Department of Pediatrics
Boulevard José María Chavez No. 1202,
Fraccionamiento Lindavista
20270 Aguascalientes
Mexico
patty3915@gmail.com

Paula Arguelles Alcazar, MD
Instituto Nacional de Pediatría
Department of Emergency Medicine
Insurgentes Sur 3700
04530 Mexico City
Mexico
pau_laarguelles@hotmail.es
Alejandra De la Cruz, BSc
Apac I.a.p. Asociación Pro Personas Con Parálisis Cerebral
Department of Family Medicine
Dr. Arce 104, Col. Doctores Cuauhtémoc
6720 Mexico City
Mexico
adelacruz@apaciap.org.mx

Guillermo Fojaco Villanueva, MD
Hospital Juárez de México
Department of Pediatrics
Avenida Instituto Politécnico Nacional
07760 Mexico City
Mexico
gfojaco@gmail.com

Diana Eugenia Galván Hernández, MD
Instituto Nacional de Pediatría
Department of Emergency Medicine
Insurgentes Sur 3700-C, Insurgentes Cuicuilco
04530 Mexico City
Mexico
dg_peace@hotmail.com

Asael Garcia, MD
Instituto Mexicano del Seguro Social
Department of Pediatrics
Antigua Carretera Mexico Pachuca Km. 12.5
55300 Mexico State
Mexico
asaelgarcia50@hotmail.com

Alejandro García, MD
Centro Medico Nacional Siglo XXI, Instituto Mexicano del Seguro Social
Department of Oncology
Ave. Cuauhtémoc 330
6720 Mexico City
Mexico
alexiencia9405@gmail.com

Luis Adrian Gonzalez Mercado, MD
UNAM
Department of Anesthesiology and Intensive Care
Calzada de Tlalpan
14080 Mexico City
Mexico
dr.adriangonzalezfm@gmail.com
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Department</th>
<th>Address</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anais Guerra Villarreal, BA</td>
<td>Children's Hospital of Mexico Federico Gomez</td>
<td>Department of Emergency Medicine</td>
<td>Doctor Márquez 06720 Otwock Mexico</td>
<td><a href="mailto:viera_nis@hotmail.com">viera_nis@hotmail.com</a></td>
</tr>
<tr>
<td>Nayelli Islas Casas, BSc</td>
<td>Fundacion</td>
<td>Valle de Bravo 51200 Mexico State Mexico</td>
<td><a href="mailto:nayellislas@gmail.com">nayellislas@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Fernando Juarez, DrPH</td>
<td>IMSS</td>
<td>Department of Pediatrics</td>
<td>Avenida universidades 76269 Queretaro Mexico</td>
<td><a href="mailto:drferjuarez@gmail.com">drferjuarez@gmail.com</a></td>
</tr>
<tr>
<td>Misael Lagos, BSc</td>
<td>Instituto Mexicano del Seguro Social (IMSS)</td>
<td>Department of Emergency Medicine</td>
<td>Cuauhtémoc 06720 Mexico City Mexico</td>
<td><a href="mailto:misaelclsx@gmail.com">misaelclsx@gmail.com</a></td>
</tr>
<tr>
<td>Nisdau Selene Luna Vilchis, MD</td>
<td>Hospitales Star Medica</td>
<td>Department of Emergency Medicine</td>
<td>San Luis Potosi 143 Benito Juarez 06700 Mexico City Mexico</td>
<td><a href="mailto:nsluna.cto@starmedica.com">nsluna.cto@starmedica.com</a></td>
</tr>
<tr>
<td>Yolianny Mujica Lopez, MD</td>
<td>Hospital Infantil Privado</td>
<td>Department of Pediatrics</td>
<td>Viaducto Rio Becerra 97 03810 Mexico City Mexico</td>
<td><a href="mailto:Yolianny.mujica@gmail.com">Yolianny.mujica@gmail.com</a></td>
</tr>
</tbody>
</table>
Jesús Ángel Ortíz Avelar, DPhil
Instituto Mexicano del Seguro Social
Department of Emergency Medicine
Rio Magdalena 98
01040 Mexico City
Mexico
jesusangel_3801@hotmail.com

Alejandro Ortiz Calvillo, MD
Centro Medico ABC
Department of Pediatrics
Avenida Santa Fe 578
05348 Mexico City
Mexico
aortizcalvillo@gmail.com

Ilse Mariel Palma Rodriguez, MD
Instituto Nacional de Pediatria
Department of Emergency Medicine
Avenida del Iman x Avenida Insurgentes Sur
04530 Mexico City
Mexico
mariel_ilse@hotmail.com

María José de Lourdes Piana, MD
Centro Medico ABC
Department of Pediatrics
Carlos Fernández Graef 154, Santa Fe,
Contadero, Guajimalpa de Morelos
05330 Mexico City
Mexico
mjpiana@gmail.com

Lorena Daniela Ponce de León Angel, MD
Instituto Nacional de Pediatria
Department of Pediatrics
Manuel Nicolas Corpancho 270
04530 Mexico City
Mexico
lore.poncedeleonan@gmail.com

Mariana Puerto, MD
American British Cowdray Center ABC
Department of Pediatrics
Vasco de Quiroga
05348 Mexico City
Mexico
marianapuertog@gmail.com
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Institution</th>
<th>Address</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maria del Carmen Turrubiarte Vera, MD</td>
<td>Department of Pediatrics</td>
<td>Instituto Nacional de Pediatria</td>
<td>Insurgentes Sur 3700-C, Insurgentes Cuicuilco 04530 Mexico City Mexico</td>
<td><a href="mailto:mariaturruibiartevera@gmail.com">mariaturruibiartevera@gmail.com</a></td>
</tr>
<tr>
<td>Gabriela Alejandra Ugalde Rebollar, DrPH</td>
<td>Department of Emergency Medicine</td>
<td>Hospital Star Medica</td>
<td>Av. 1 de Mayo 54700 Otwock Mexico</td>
<td><a href="mailto:jurgencias.lpa@starmedica.com">jurgencias.lpa@starmedica.com</a></td>
</tr>
<tr>
<td>Maria Fernanda Valderrabano Carreras, MBA</td>
<td>Department of Emergency Medicine</td>
<td>Hospitales Star Medica</td>
<td>Av. Tres Amrias 58070 Morelia Mexico</td>
<td><a href="mailto:mfvalderrabano@starmedica.com">mfvalderrabano@starmedica.com</a></td>
</tr>
<tr>
<td>Edgar Nicolas Vazquez Quezadas, MD</td>
<td>Department of Pediatrics</td>
<td>Instituto Nacional de Pediatria</td>
<td>Avenida Insurgentes Sur 3700 04530 Coyoacan Mexico</td>
<td><a href="mailto:nicovazquez_12@hotmail.com">nicovazquez_12@hotmail.com</a></td>
</tr>
<tr>
<td>Laura María Concepción Velazquéz Sánchez, MD</td>
<td>Department of Pediatrics</td>
<td>Instituto Nacional de Pediatria</td>
<td>Insurgentes Sur 3700-C, Insurgentes Cuicuilco 04530 Mexico City Mexico</td>
<td><a href="mailto:lmcvelazquez@gmail.com">lmcvelazquez@gmail.com</a></td>
</tr>
</tbody>
</table>
"During the OMI MEX CHOP Seminar in Pediatric Emergency Medicine, faculty and fellows were immersed in a unique learning experience which was highly valued by all. Participants learned the recognition and management of pediatric medical, surgical, and traumatic emergencies, as well as were able to practice their skills in a state-of-the-art simulation center. In just a few days, life-long friendships and important professional connections were created. Most importantly, the OMI furthered their mission to train doctors from all over the world to care for patients and families in need."

Nicholas Tsarouhas, MD
Pediatric Emergency Medicine
The fellows’ case presentations were very important since it allowed us to learn from the eyes and experiences of our colleagues. I may not see these cases in my hospital, but I will be able to keep them in mind if I ever face something similar.

Ana Patricia Carrasco Tapia, PhD
OMI MEX Fellow from Mexico

I am so grateful for the lecture about the young febrile infant because it revealed a lot of new information for me! It is a topic that concerns me, and I felt a huge gap in both my information and integration of data to my practice. Before this lecture I always felt unsure about what to do next, but now I am confident in what I learned from Dr. Scarfone.

Edgar Nicolas Vasquez Quezadas, MD
OMI MEX Fellow from Mexico

The most exciting part of the seminar was the simulation training with real patient scenarios. This made me feel like I was in an emergency room, but I was able to think clearly with the support of a competitive team. I learned that part of a patients’ satisfactory prognosis is teamwork.

Asael Garcia, MD
OMI MEX Fellow from Mexico
Follow us

Open Medical Institute
Now on Instagram

@openmedicalinstitute