



ISSVA DEBATES & UPDATES 2023

BOSTON, UNITED STATES
19-21 APRIL 2023



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Introduction to ISSVA

The International Society for the Study of Vascular Anomalies (ISSVA) is a multidisciplinary international society of physicians, scientists, and health care providers united by an interest in vascular anomalies. The Society aims to promote the highest standards of care for patients with vascular anomalies by advancing clinical and scientific knowledge concerning causes, diagnosis and treatment, and by education of physicians, health care providers, patients and the community. The Society encourages the free flow of information between its members and interested groups, through meetings and teaching programs, and by the dissemination of a classification scheme and pertinent scientific data.

About Debates & Updates

The International Society for the Study of Vascular Anomalies (ISSVA) is the formalization of prior biennial international workshops, which were started in 1976 by Drs. John Mulliken and Anthony Young. ISSVA was officially founded in 1992, two years after our first International Workshop was held in 1990 in Amsterdam. Since that time, ISSVA has held a World Congress meeting every other year in even years and today marks our 2nd major odd year conference, Debates and Updates.

2022-2024 Board of Directors

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Tony Penington, Past President
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Mikka Vikkula

Hybrid Format & Getting Around

General Information

Boston, Massachusetts, United States

One of the most historic cities in the United States, Boston boasts American colonialism, historic charm and a beautiful waterfront along with some of the world's finest academic institutions. Learn more about the city's attractions at the city's official website, [Visit Boston](#).

Venue

ISSVA Debates & Updates 2023 will take place at the Hyatt Regency Boston (One Avenue de Lafayette; Boston, Massachusetts 02111), which is conveniently located near many shops, restaurants and historical sites.

Time Zone

Boston is in the Eastern Time Zone.

Virtual Website: Platform & Access

The virtual meeting will be hosted by the ChimeGo platform, which will be accessible by all registered meeting delegates (virtual automatically; in-person upon request). Virtual attendees will receive access instructions on 18 April. This platform will offer the live talks. Recorded talks will be available for access on the ISSVA website shortly after the meeting concludes and remain available for 30 days.

All registered meeting delegates will have access to the recordings from about 24 April 2023 to 21 May 2023. An email notification will be sent post-meeting to inform you when the recordings are posted.

Continuing Medical Education Credits

Joint Accreditation Statement



In support of improving patient care, this activity has been planned and implemented by Amedco LLC and International Society for the Study of Vascular Anomalies. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Amedco Joint Accreditation #4008163.

Physicians (ACCME) Credit Designation

Amedco LLC designates this live activity for a maximum of *18.25 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Claim CME Credits

How to Get Your Certificate

1. Go to <http://issva.cmecertificateonline.com/>
2. Click on the “ISSVA Debates & Updates 2023” link.
3. Evaluate the meeting and click the hyperlink provided on the last page to claim your credit certificate.
4. Save/Download/Print all pages of your certificate for your records.
5. If you lose your certificate, or need help, go to help.cmecertificateonline.com

[Click here to read the full Learner Notification](#) regarding disclosures of faculty and planners, and additional information regarding CME.

Hours, Key Dates, & Enduring Materials Availability

Opening Hours:

	Registration (Foyer)	Speaker Ready Room (Cambridge)	Exhibit Hall (Adrienne/Foyer)
Tuesday, 18 April	17:00 - 19:30	17:00 - 19:30	(closed)
Wednesday, 19 April	07:00 - 19:00	07:00 - 18:00	15:00 - 19:00
Thursday, 20 April	07:30 - 17:00	07:00 - 18:00	09:30 - 16:30
Friday, 21 April	07:30 - 16:00	07:00 - 16:00	09:30 - 13:30

Key Dates & Enduring Material Availability

Live Meeting: 19-21 April 2023
 Talks Available Until: 21 May 2023

WIFI

Network: @Hyatt Meeting
 Password: ISSVA23

Program at a Glance

Wednesday, 19 April

Time	Session Title	Room
Pre-Congress AM Sessions		
08:55 - 09:00	President's Welcome	Grand Ballroom
09:00 - 09:45	ISSVA Classification	Grand Ballroom
09:45 - 10:20	Advances in Evaluation & Management of Vascular Anomalies in IR	Grand Ballroom
10:40 - 11:20	Advances in Medical Management of Vascular Anomalies	Grand Ballroom
11:20 - 12:00	Advances in Surgical Management of Vascular Anomalies	Grand Ballroom
Pre-Congress PM Parallel Specialty Sessions		
13:00 - 16:30	Surgery	Cape Cod
	Interventional Radiology	Martha's Vineyard
	Medical Therapies	Grand Ballroom
Welcome Reception & Opening Remarks		

Thursday, 20 April

Time	Session Title	Room
Debates & Updates Presentations		
08:00 - 09:30	Session 1: Arteriovenous Malformations (AVM)	Grand Ballroom
09:30 - 10:00	Coffee Break	Foyer
10:00 - 11:00	Session 2: Syndromic PTEN/PROS	Grand Ballroom
11:00 - 12:00	Session 3: Rare Tumors	Grand Ballroom
12:00 - 13:30	Lunch Break	Foyer
13:30 - 15:00	Session 4: Lymphatic Malformations (LM)	Grand Ballroom
15:00 - 16:00	Session 5: Vascular Anomaly Patient Advocacy	Grand Ballroom
16:00 - 16:30	Coffee Break	Foyer
16:30 - 17:30	Session 6: Complications and Dilemmas Encountered with Medical Therapy for Vascular Anomalies (this session is not offered for CME credit)	Grand Ballroom
17:30 - 18:30	Networking Reception	Foyer

Friday, 21 April

Time	Session Title	Room
Debates & Updates Presentations		
08:00 - 09:30	Session 7: Venous Malformations (VM)	Grand Ballroom
09:30 - 10:00	Coffee Break	Foyer
10:00 - 11:00	Session 8: The Nomenclature of Certain Cases	Grand Ballroom
11:00 - 12:00	Session 9: Capillary Malformations	Grand Ballroom
12:00 - 13:30	Lunch Break	Foyer
13:30 - 14:30	Session 10: How Should ISSVA Further Develop?	Grand Ballroom
14:30 - 15:30	Session 11: Ulcerated Hemangiomas, Hemangioma Outliers and Difficult Congenital Hemangiomas	Grand Ballroom
15:30 - 16:30	Session 12: Mimickers - What Looks Like A Vascular Anomaly, but Isn't	Grand Ballroom
16:30 - 17:30	Closing Remarks & Reception	

Pre-Congress Day Sessions

All session and presentation times are in the **Eastern Time Zone**. Presenters are subject to change.

Wednesday, 19 April (Pre-Congress Day)

AM Sessions | Location: Grand Ballroom

ISSVA Classification

Moderators: Tony Penington, Steven Fishman

- 08:55 **Welcome & Introduction** | *Francine Blei (United States)*
- 09:00 **Award Presentation** | *Francine Blei (United States)*
- 09:02 **Classification Demonstration** | *Aiden Taghinia (United States)*
- 09:05 **Classification Presentation & Discussion** | *Ilona Frieden (United States) & Tony Penington (Australia)*
- 09:35 **Audience Q&A**

Pre-Congress Overviews

Moderators: Steven Fishman (United States) & John Mulliken (United States)

- 09:45 **Advances in evaluation and management of vascular anomalies in IR** | *Ahmad Alomari (United States)*
- 10:15 **Audience Q&A**
- 10:25 **BREAK** | *Ballroom Foyer*
- 10:40 **Advances in medical management of vascular anomalies** | *Whitney Eng (United States) & Melisa Ruiz-Gutierrez (United States)*
- 11:10 **Audience Q&A**
- 11:20 **Advances in surgical management of vascular anomalies** | *Daniel Balkin (United States)*
- 11:50 **Audience Q&A**
- 12:00 **LUNCH & NETWORKING** | *4th Floor Foyer, Martha's Vineyard, Cape Cod*

PM Parallel Specialty Sessions

Medical Therapies | Grand Ballroom

Moderators: Whitney Eng (United States) & Melisa Ruiz-Gutierrez (United States)

- 13:00 **Cellular Drivers and Drug Mechanisms in Infantile Hemangioma** | *Joyce Bischoff (United States)*
- 13:30 **Audience Q&A**
- 13:45 **Biomarkers in Diagnosis & Treatment of Vascular Anomalies** | *Timothy Le Cras (United States)*
- 14:15 **Audience Q&A**
- 14:30 **BREAK** | *Ballroom Foyer*
- 14:45 **Prenatal Diagnosis and Management of Vascular Anomalies** | *Ionela Iacobas (United States)*
- 15:15 **Audience Q&A**

- 15:30 **PROS and Cons of Alpelisib: Expert Panel Discussion** | *Denise Adams (United States) & Guillaume Canaud (France)*
- 16:00 **Audience Q&A**
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Surgery | Cape Cod Room

Moderators: John Mulliken (United States) & Daniel Balkin (United States)

- 13:00 **Surgical Management of Lymphedema** | *Arin Greene (United States)*
- 13:20 **Audience Q&A**
- 13:30 **Microsurgery in Vascular Anomalies** | *Amir Taghinia (United States)*
- 13:50 **Audience Q&A**
- 14:00 **Lymphaticovenous Anastomosis and Free Functional Lymphatic Transfer** | *Walter Lin (United States)*
- 14:15 **Audience Q&A**
- 14:30 **BREAK** | *Martha's Vineyard Foyer*
- 14:50 **Operative Management of Upper Extremity Lesions** | *Joseph Upton (United States)*
- 15:10 **Audience Q&A**
- 15:20 **Bleomycin and Radiofrequency Treatment of Airway Lesions** | *Sara Gallant (United States)*
- 15:40 **Audience Q&A**
- 15:50 **Vascular Anomalies of the Mouth and Aerodigestive Tract** | *Gresham Richter (United States)*
- 16:10 **Audience Q&A**
- 16:20 **Lower Extremity Overgrowth** | *Michelle Mo (United States)*
- 16:40 **Audience Q&A**
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Interventional Radiology | Martha's Vineyard Room

Moderators: Gulraiz Chaudry (United States) & Darren Orbach (United States)

- 13:00 **Interventional Management of Fast-Flow Vascular Anomalies: The Helsinki Experience** | *Kimmo Lappalainen (Finland)*
- 13:30 **Audience Q&A**
- 13:45 **Interventional treatment of PROS** | *Dario Teplisky (Argentina)*
- 14:15 **Audience Q&A**
- 14:30 **BREAK** | *Martha's Vineyard Foyer*
- 14:45 **Endothelial cell sampling using non-detached aneurysm coils** | *Chris Dowd (United States)*
- 15:15 **Audience Q&A**
- 15:30 **Cryotherapy of Vascular Anomalies** | *Abhay "Finn" Srinivasan (United States)*
- 16:00 **Audience Q&A**
- 16:30 **WELCOME RECEPTION and EXHIBIT HALL**

Conference Program

All session and presentation times are in the **Eastern Time Zone**. Presenting author is underlined; presenters are subject to change.

Thursday, 20 April

Session 1: Arteriovenous Malformations (AVM)

Moderators: Ahmad Alomari & Xiaoxi Lin

- 08:02 **Lip hypervascular mass / AVM** | Daniel Balkin (United States), Amir Taghinia, Ahmad Alomari, Jenna O'Brien, Whitney Eng, Meghan O'Hare, John Mulliken
- 08:05 **Audience Q&A**
- 08:12 **Tongue AVM** | Jon Mork (Norway)
- 08:15 **Audience Q&A**
- 08:22 **AVM involving the facial nerve** | Chen Hua (China), Yunbo Jin, Xi Yang, Hechen Jia, Jingwei Zhou, Yuxi Chen, Xiaoxi Lin
- 08:25 **Audience Q&A**
- 08:32 **Large AVMs of the pelvis and chest** | Wayne Yakes (United States)
- 08:35 **Audience Q&A**
- 08:39 **Large AVMs of the pelvis and chest (continued)** | Wayne Yakes (United States)
- 08:42 **Audience Q&A**
- 08:47 **Arteriovenous Malformation Patients with Somatic SOS1 Variants Treated with Trametinib** | Whitney Eng (United States), Meghan O'Hare, Harry Kozakewich, Erin Spera, Alyaa Il-Ibraheemi, Amir Taghinia, Melisa Ruiz-Gutierrez
- 08:50 **Audience Q&A**
- 08:57 **A case of complex upper arm Parkes Weber Syndrome with marked improvement in heart failure by direct puncture DOV embolization** | Kunie Ouchi (Japan), Shiro Onozawa, Suguru Hitomi, Wataru Otsuka
- 09:00 **Audience Q&A**
- 09:07 **Bleomycin for the early AVMs** | Xi Yang (China), Yunbo Jin, Hechen Jia, Jingwei Zhou, Yuanbo Lee, Yuxi Chen, Chen Hua, Xiaoxi Lin
- 09:10 **Audience Q&A**

09:17 **Utilization of Core Beam CT** | [Achintya Patel \(United States\)](#), Michael Miller

09:24 **Audience Q&A**

Session 2: Syndromic PTEN/PROS

Moderators: Maroeska te Loo & Sarah Sheppard

10:02 **PTEN Overview** | [Maroeska te Loo \(Netherlands\)](#)

10:05 **Cowden Syndrome Case Series** | [Maroeska te Loo \(Netherlands\)](#)

10:08 **Audience Q&A**

10:13 **Mosaicism for two distinct PTEN variants in PTEN hamartoma and blood** | [Daniela Garlisi \(United States\)](#), Denise Adams, Allison Britt, Arupa Ganguly, Dong Li, Sarah Sheppard, Abhay Srinivasan, Lea Surrey

10:16 **Audience Q&A**

10:21 **PIK3CA / PIK3R1 Overview** | [Sarah Sheppard \(United States\)](#)

10:24 **Audience Q&A**

10:29 **Alpelisib in young infants 4-months old baby with severe PROS (PIK3CA-Related Overgrowth Spectrum) phenotype successfully treated with Alpelisib** | [Maria-Laura Cossio \(Chile\)](#), Josefina Rodriguez, Florencia De Barbieri, José Marin, Carla Florin, Francisco Cuevas, Monserrat Gutiérrez

10:32 **Rare Case of Germline PIK3CA variant** | [Shivanqi Arqade \(United States\)](#), Denise Adams, Kristen Snyder, Cheryl Kurer, Katherine Taub, Tamara Feygin, Seth Vatsky, Peter Madsen, Dinh-huy Nguyen, Allison Britt

10:35 **Audience Q&A**

10:40 **How do I treat? Somatic PIK3R1 mutations are accessible to PIK3CA inhibition Anomaly** | [Guillaume Canaud \(France\)](#)

10:43 **Audience Q&A**

10:48 **Diagnostic Conundrum and Treatment Dilemma** | [Jennifer Mayer \(United States\)](#), Sally Mitchell, Christopher Francis, Michael Collard, Jordan Halsey, Aleshia Pringle, Yolany Chong, Susan Buffington, Natalie Mercado, Paul Herlan, S. Alexander Rottgers

10:51 **Audience Q&A**

Session 3: Rare Tumors

Moderators: Anne Domp martin & Thuy Phung

- 11:02 **Multidisciplinary Fusion: EWSR1 Rearrangement in a Refractory Vascular Tumor** | Taizo Nakano (United States), Vaz Zavaletta, Brad Siegele, Aparna Annam, Becky Hill, Annie Kulungowski
- 11:07 **Audience Q&A**
- 11:10 **Glomus tumor of unknown malignant potential: diagnostic odyssey and management with BRAF inhibitor** | Laurence Boon (Belgium), Jean-François Baurain, Louis Libbrecht, An-Katrien De Roo, Frank Hammer, Miikka Vikkula
- 11:15 **Audience Q&A**
- 11:18 **Widespread vascular nodules in a neonate: diagnostic and therapeutic challenge** | Niina Kleiber (Canada), Thai Tran, Afshin Hatami, Sandrine Essouri, Victor Kokta, Julie Powell, Josée Dubois
- 11:23 **Audience Q&A**
- 11:26 **Vascular hepatic tumour in a 20 month old girl with consumptive hypothyroidism - Infantile haemangioma or angiosarcoma?** | Kin Fen Kevin Fung (Hong Kong), Anthony Pak-yin Liu, Ho Yu Patrick Chung, Alan Kwok Shing Chiang, Yee Ling Elaine Kan
- 11:29 **Audience Q&A**
- 11:34 **Progressive tumor of left thigh** | Michio Ozeki (Japan), Daichi Hayashi, Akifumi Nozawa, Shiho Yasue, Saori Endo, Takazumi Kato, Moeko Hino, Hidenori Ohnishi
- 11:39 **Atypical residual KHE lesion: 2 cases managed by combining sirolimus and surgery** | Julien Coulie (Belgium), An Van Damme, Emmanuel Seront, Dana Dumitriu, Pierre-Louis Docquier, Nouredine Hassayoune, An-Katrien De Roo, Valérie Dekeuleneer, Audrey Lentini, Miikka Vikkula, Laurence Boon
- 11:44 **A rare case of pseudomyogenic Hemangioendothelioma of lower limb - a misleading vascular tumor** | Marilia Ito (Brazil), Rebecca Rossener, Ana Schreiner, Rafael Zatz, Dov Charles Goldenberg
- 11:49 **Audience Q&A**

Session 4: Lymphatic Malformations (LM)

Moderators: *Juan-Carlos Lopez-Gutierrez, Christopher Smith & Emmanuel Seront*

- 13:34 **A mono/di twin with multiple vascular abnormalities (no unifying diagnosis yet) whose twin is unaffected** | *Jorie Gatts (United States), Adrienne Hammill*
- 13:38 **Diffuse Lymphatic Malformation in a Pediatric Patient** | *Sarah Ferri (United States), Krisi Bogan, Nicole Kendel*
- 13:42 **Pelvic and right lower extremity lymphatic malformation involving bone and soft tissue with chyle reflux: A case of CCLA?** | *Anna Lillis (United States), Bhuvana Setty, Sara Smith, Leah Braswell, Ibrahim Khansa, Catherine Cottrell, Gregory Pearson, Esteban Fernandez Faith, Raimie Lewis*
- 13:46 **Scrotal and Lower Extremity Lymphedema with Splenic Lesions: CCLA or Other?** | *Anna Lillis (United States), Bhuvana Setty, Smith, Benjamin Blais, Rajesh Krishnamurthy, Catherine Cottrell, Elizabeth Varga, Sonja Chen*
- 13:50 **Audience Q&A**
- 14:04 **CLA with intralesional hemorrhage: diagnostic dilemma** | *Laurence Boon (Belgium), An Van Damme, Dana Dumitriu, Julien Coulie, Miikka Vikkula*
- 14:08 **Complex Lymphatic Anomaly: towards association mTOR and MEK inhibitors** | *Emmanuel Seront (Belgium), Antoine Froidure, Miikka Vikkula, Laurence Boon*
- 14:12 **GLA patient with massive pleural effusions and a KRAS mutation responded to targeted therapy with trametinib** | *Anneqret Holm (Germany), Friedrich Kapp*
- 14:16 **KLA patient with progressive pulmonary infiltrating lymphatic malformation with a BRAF hotspot mutation responded to targeted therapy with dabrafenib** | *Anneqret Holm (Germany), Friedrich Kapp*
- 14:20 **Audience Q&A**
- 14:34 **New onset headaches in patient with Gorham Stout Disease** | *Seth Vatsky (United States), Joseph Napoli, Abhay "Finn" Srinivasan, Alexander Tucker, Mark Halverson, Denise Adams*
- 14:38 **A case of central conducting lymphatic anomaly with large-volume, recurrent chyloous ascites** | *Claire Ostertag-Hill (United States), Rush Chewing, Daniel Balkin, Melisa Ruiz-Gutierrez, Steven Fishman, Ahmad Alomari, Raja Shaikh, Bridget DeYoung, Belinda Dickie*
- 14:42 **Conservative treatment and posterior spinal fusion in patient with Gorham–Stout disease** | *Iryna Benzar (Ukraine), Anatolii Levytskyi, Dmytro Kachkovskyi*
- 14:46 **Audience Q&A**

Session 5: Vascular Anomaly Patient Advocacy

Moderators: Francine Blei & Miikka Vikkula

15:00 **PANEL DISCUSSION** | *Mellenee Finger (Klippel-Trenaunay (K-T) Support Group), Caroline van den Bosch (HEVAS), Kristen Davis (Cloves Syndrome Community), Michael Kelly (LGD Alliance)*

16:00 **BREAK**

Session 6: [non-CME] Complications and Dilemmas Encountered with Medical Therapy for Vascular Anomalies

Moderators: Denise Adams & Dov Goldenberg

16:30 **Prescribing Medication is not as simple as it seems - Risk stratification: Who should receive medical therapy - Side Effects of Medical Therapies – common and uncommon- Management of Drug Toxicity** | *Jochen Rössler (Switzerland)*

16:40 **Audience Q&A**

16:45 **Hepatic Toxicity in a Neonate with Noonan Syndrome: Drug, Disease or other** | *Alexandra Borst (United States), Denise Adams, Michael Fox, Conor Devine, Aaron DeWitt, Christopher Smith, Lauren Biroc, Erin Pinto, Ganesh Krishnamurthy, Dori Yoav*

16:55 **Audience Q&A**

17:00 **Hemorrhagic complications of AVMs during Trametininib treatment. Do cutaneous side effects increase AVM bleeding?** | *Rebecca Rossener (Brazil), Marilia Ito, Rafael Zatz, Dov Charles Goldenberg*

17:10 **Audience Q&A**

17:15 **PANEL DISCUSSION: Let's Debate and Discuss other topics! -Sirolimus and the Risk of Thrombosis -Drug Effectiveness after Multiple Surgical or Interventional procedure -Possible long-term effects of medications** | *Alexandra Borst, Rebecca Rossener, Jochen Rössler, Denise Adams, Dov Charles Goldenberg*

Friday, 21 April

Session 7: Venous Malformations

Moderators: Anne Marie Cahill & Shelley Crary

- 08:05 **Duodenal mass in 2 year-old girl** | Kristy Rialon (United States), Ionela Iacobus, Carrie Moore, Alex Chau, Doug Fishman, Lily Cheng
- 08:15 **Audience Q&A**
- 08:20 **Lethal Pericardial Lesion in Blue Rubber Bleb Nevus Syndrome** | Allison Britt (United States), Jack Rychick, Jonathan Rome, Lea Surrey, Portia Krieger, Laura Finn, Maryam Naim, Kristen Snyder, Sarah Sheppard, Lisa Pilchman, Denise Adams
- 08:30 **Audience Q&A**
- 08:35 **New therapeutic options in children and young adults with large and complex Vascular malformations** | Martin Sterba (Czech Republic)
- 08:45 **Audience Q&A**
- 08:50 **Surgery as the treatment of a large venous malformation with severe coagulopathy** | Nader Ghaffarpour (Sweden), Radek Krakowski
- 09:00 **Audience Q&A**
- 09:05 **Unidentified source of pulmonary emboli in KT syndrome** | Anthony Penington (Australia), Rod Phillips, John Vrazas
- 09:15 **Audience Q&A**
- 09:20 **Verrucous venous malformation: a rare and often misdiagnosed entity** | Marta Tave (United States), Leslie Lawley, Jay Shah, Michael Briones
- 09:30 **Audience Q&A**
- 09:30 **BREAK** | Ballroom Foyer & Adrienne Salon

Session 8: The Nomenclature of Certain Cases

Moderators: Tony Penington & Ilona Frieden

- 10:05 **What is the Best Way to Approach the FAVA?** | Fábio Branco (Brazil)
- 10:10 **Audience Q&A**
- 10:15 **Diagnostic Criteria for FAVA** | Ahmad Alomari (United States)
- 10:20 **Audience Q&A**
- 10:30 **The perils of silo thinking** | Jocelyn Brookes (United Kingdom), Chung Sim Lim
- 10:35 **Audience Q&A**

Session 9: Capillary Malformations

Moderators: Marilyn Liang & Carine van der Vleuten

- 11:02 **Congenital Hypertrophic Port-wine Stain** | [Gang Ma \(China\)](#), Chenwei Zhao, Xiaoxi Lin
- 11:05 **Audience Q&A**
- 11:09 **To image or not to image for SWS with neurology/derm panel** | [Anna Pinto](#), [Anne Comi](#), [Eulalia Baselga](#)
- 11:19 **Audience Q&A**
- 11:21 **Genetics Panel: Our evolving understanding: Genetics in Sturge-Weber syndrome and facial Capillary Malformation** | [Anne Comi](#)
- 11:27 **Diffuse CM** | [Anne Domp martin](#)
- 11:33 **Audience Q&A**
- 11:38 **The yield for early neuroimages in babies with high risk port wine birthmarks** | [Anna Pinto](#)
- 11:45 **Audience Q&A**
- 11:50 **Sirolimus for Sturge-Weber syndrome? Rational, Data and Planned Studies** | [Anne Comi](#)
- 11:57 **Audience Q&A**

Session 10: How Should ISSVA Further Develop?

Moderators: Francine Blei & Leo Schultze Kool

- 13:30 **How Should ISSVA Further Develop?** | [Francine Blei & Leo Schultze Kool](#)

Session 11: Ulcerated Hemangiomas, Hemangioma Outliers and Difficult Congenital Hemangiomas

Moderators: Estaban Fernandez Faith & Eulalia Baselga

- 14:30 **Propranolol-resistant infantile hemangioma (PRIH) with ulceration Subtotal resection of the lesion & lower lip reconstruction** | Rui Chang, Shih-Jen Chang, Jialin Chen, Qianyi Chen, [Yajing Qiu \(China\)](#), Lei Chang, Xiaoxi Lin
- 14:35 **Audience Q&A**

- 14:40 **Sirolimus in infantile hemangioma treatment: a case report** | An Van Damme (Belgium), Valerie Dekeuleneer, Dana Dumitriu, Caroline Huart, Caroline De Toeuf, Joyce Bischoff, Miikka Vikkula, Laurence Boon
- 14:45 **Audience Q&A**
- 14:50 **Persistent infantile hemangiomas central face in 18 yo despite multimodal treatment** | Ilona Frieden (United States), Erin Mathes
- 14:55 **Audience Q&A**
- 15:00 **Treatment of non involuting congenital hemangiomas (NICH) with bleomycin electrosclerotherapy (BEST)** | Oleksandr Bidakov (Germany), Beatrix Cucuruz, Moritz Guntau, Alexander Gussew, Walter Alexander Wohlgemuth
- 15:05 **Audience Q&A**
- 15:10 **Rapidly growing aggressive scalp hemangioma** | Kyung Rae Kim (United States), Julie Blatt, Elizabeth Nieman, Jeyhan Wood
- 15:15 **Audience Q&A**

Session 12: Mimickers - What Looks Like A Vascular Anomaly, but Isn't

Moderators: Alyaa Al-Ibraheemi, Andrea Diociaiuti, & Aparna Annam

- 15:35 **Case One** | Jorie Gatts (United States), Kiersten Ricci
- 15:39 **Audience Q&A**
- 15:45 **Case Two** | Julien Coulie (Belgium), An-Katrien De Roo, Miikka Vikkula, Laurence Boon
- 15:49 **Audience Q&A**
- 15:55 **Case Three** | Melinda Wu (United States), Andrew Phelps, John Kaufman, Susan Lindemulder
- 16:01 **Audience Q&A**
- 16:05 **Case Four** | Jaime Alonso Sanchez (Canada), Paolo Campisi, Joao Amaral
- 16:08 **Case Five** | Ann Foran (United States), Anne Marie Cahill, Pierre Russo, Lea Surrey, Minje Luo, Jeff Schubert, Denise Adams, Janet Reid, Avrum Pollock, Susan Back, Abhay Srinivasan
- 16:11 **Case Six** | Xi Yang (China), Li Hu, Hui Chen, Xiaoxi Lin
- 16:14 **Audience Q&A**

Social Programs (in-person only)

Welcome Reception

We invite all in-person attendees to the Welcome Reception, which will occur in the 4th Floor Foyer on Wednesday, 19 April from 16:30 - 18:30. There will be light appetizers and drinks available, as well as the opportunity to network with colleagues and visit the Exhibition Hall. This reception is included with the registration of all in-person delegates.

Wednesday, 19 April • 16:30 - 18:30

Location: 4th Floor Foyer

Networking Reception

We invite all in-person attendees to the Networking Reception, which will occur in the 4th Floor Foyer on Thursday, 19 April from 17:30 - 18:30. There will be light drinks available and opportunity to network and connect with your ISSVA colleagues.

Thursday, 19 April • 16:30 - 18:30

Location: 4th Floor Foyer

Running Club

The ISSVA Running Club will be meeting the morning of Friday, 21 April for a casual run on a local path. To join this group, we request a donation of \$50 USD to the ISSVA Education Fund.

Friday, 21 April • 06:30 - 07:30

Meet at: Hyatt Regency Boston Lobby

Closing Reception

At the conclusion of the scientific sessions on Friday, 21 April, there will be a brief Farewell Reception consisting of drinks. This reception is included with the registration of all in-person delegates.

Friday, 21 May • 16:30 - 17:30

Location: 4th Floor Foyer

Non-CME Symposia & JoVA Meet & Greet (in-person only)

Non-CME Sponsored Lunch Symposium – Sponsored by Pierre Fabre



Pierre Fabre invites you to their non-CME lunch symposium on Thursday, 20 April during lunch from 12:00 – 13:30. The luncheon will take place in Martha's Vineyard, lunch is provided for in-person attendees.



Improving outcomes in IH, one (early) referral at a time

Transforming early management from "hands off" to electronic hand-off

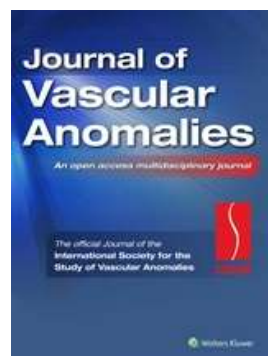
Presented by: David H. Darrow, M.D., D.D.S.

Co-Director, Hemangioma and Vascular Birthmarks Program
Children's Hospital of The King's Daughters
Eastern Virginia Medical School

This will be followed by a brief presentation on the patient journey and resources Pierre Fabre has made available via their newly launched website that can support physician's efforts with patient education, before opening the floor for

attendees to share their experience.

Journal of Vascular Anomalies (JoVA) Meet & Greet in Exhibit Hall



The *Journal of Vascular Anomalies (JoVA)* invites you to a meet and greet with them during exhibit hall hours in the Exhibition Hall (Adrienne Salon). Learn about the journal and exciting opportunities to submit your work for publication.

Sponsors

The International Society for the Study of Vascular Anomalies would like to thank the following for their support. You are encouraged to visit them in the Adrienne Salon during exhibit hours (p.6) to connect.

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