



2nd International Symposium on Hemangiomas and Vascular Malformations of the Head and Neck

THURSDAY, OCTOBER 8TH

Capital Hotel, Downtown Little Rock, AR

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|---------------|----------------------------------------------------------|
| 12:00-6:30 pm | Guest Arrival & Registration |
| 4:00-6:00 pm | University of Arkansas/Arkansas Children's Hospital Tour |
| 7:00-8:30 pm | Welcome Reception - Location: Capital Hotel |

FRIDAY, OCTOBER 9TH

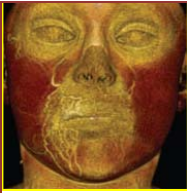
Presentations- Capital Hotel Ballroom, 1st floor

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|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:15-8:00 am | Continental Breakfast with Exhibitors – <i>Capital Hotel, 2nd floor</i> |
| 7:40 am | Interesting Case I: Unknown Congenital Vascular Tumor of the Nasal Cavity
Scott C. Fuller, MD Sacramento, California |
| 8:00 am | Symposium Welcome and Overview
Gresham T. Richter, MD Conference Chairman |

Lymphatic Malformations

Moderator: Jan Olofsson, MD

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|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:15 am | Overview: Current Management of Head and Neck Lymphatic Malformations
Scott Manning, MD Seattle, Washington |
| <i>ABSTRACTS</i> | |
| 8:35 am | Treatment options and strategy in lymphatic malformations spreading in the cranio-facial and cervical district
Gianni Vercellio, MD Milan, Italy |
| 8:42 am | <i>Discussion</i> |
| 8:47 am | Intralesional endoscopy of advanced lymphatic malformations of the head and neck – technique and preliminary results
Behfar Eivazi, MD Marburg, Germany |
| 8:54 am | <i>Discussion</i> |
| 8:59 am | Lymphatic malformations contain tertiary lymphoid organs (TLO)
A. Kirsch, PhD Seattle, Washington |
| 9:06 am | <i>Discussion</i> |
| 9:10 am | When to Intervene on Macrocystic Lymphatic Malformations
David Darrow, MD Richmond, Virginia |
| 9:20 am | <i>Discussion</i> |
| 9:30 am | Therapeutic Options for Massive Lymphatic Malformations
Jan Olofsson, MD Bergen, Norway |
| 9:40 am | <i>Discussion</i> |
| 9:50 am | Characterization of Oncogenes and Tumor Suppressor Genes in Vascular Anomalies
Chun-Yang Fan, MD, PhD Little Rock, Arkansas |
| 10:00 am | <i>Discussion</i> |



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10:10-10:40 am *Break with Exhibitors, Capital Hotel, 2nd floor*

- 10:40 am **Upper Aerodigestive Microcystic Lymphatic Malformations**
Michael Cunningham, MD Boston, Massachusetts
- 10:50 am *Discussion*
- 11:00 am **Macrocytic Lymphatic Malformation: Sclerotherapy with Drainage**
Charles James, MD Little Rock, Arkansas
- 11:10 am *Discussion*

Venous/Venular Malformations-I

Moderator: Brian Wong, MD

- 11:20 am **Overview- Pathogenesis and Treatment of Venous Malformations**
Fred Grimmer, MD Salt Lake, Utah
- ABSTRACTS*
- 11:40 am **Doppler measurement of vascular malformations**
Annette Zimmerman, MD Marburg, Germany
- 11:47 am *Discussion*
- 11:52 am **Sclerotherapy of voluminous venous malformations in the head and neck with absolute ethanol under DSA guidance**
Yan An Wang, MD Shanghai, China
- 11:59 am *Discussion*
- 12:04 pm **Vascular malformations of the orbit: morphology, distribution and therapeutic approaches**
Susanne Wiegand, MD Marburg, Germany
- 12:11 pm *Discussion*
- 12:16 pm **Comprehensive and sequential therapy of large venous malformations of the head and neck**
Zhi Yuan Zhang, MD Shanghai, China
- 12:23 pm *Discussion*

12:30- 1:30 pm *Lunch Break with Exhibitors, Capital Hotel, 2nd floor*

- 1:30 pm **Treatment of Upper Aerodigestive Venous Malformations**
Lisa Buckmiller, MD Little Rock, Arkansas
- 1:40 pm *Discussion*
- 1:50 pm **Endovascular Repair of Tongue Venous Malformation**
Wayne Yakes, MD Englewood, Colorado
- 1:57 pm *Discussion*
- 2:02 pm **The Management of Coagulation Disorders and Pain Accompanying Venous Malformations**
Denise Adams, MD Cincinnati, Ohio
- 2:12 pm *Discussion*



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Arteriovenous Malformations I

Moderator: Jochen Werner, MD

- 2:20 pm **Overview: Arteriovenous Malformations**
James Suen, MD Little Rock, Arkansas
- 2:40 pm **Etiology/Pathogenesis of Arteriovenous Malformations: A Pathologic Perspective**
Paula North, MD, PhD Milwaukee, Wisconsin
- 2:50 pm *Discussion*
- 3:00 pm **Management of Intracranial and Extracranial Arteriovenous Malformations Using ONYX**
Eren Erdem, MD Little Rock, Arkansas
- 3:10 pm *Discussion*

3:20-3:45 pm *Break with Exhibitors, Capital Hotel, 2nd floor*

- ABSTRACTS*
- 3:45 pm **Management of high flow craniofacial vascular malformations: an algorithm to reduce surgical morbidity**
Dov Goldenberg, MD, PhD Sao Paulo, Brazil
- 3:52 pm *Discussion*
- 3:57 pm **Head and neck vascular malformations exhibit highly diverse clinical and histopathologic features**
Martina Boettcher, MD Marburg, Germany
- 4:04 pm *Discussion*
- 4:09 pm **Ethanol embolization of arteriovenous malformations of the jaw**
Xin Dong Fan, MD Shanghai, China
- 4:16 pm *Discussion*
- 4:21 pm **4D CTA of craniofacial arteriovenous malformation (AVM): a new imaging technique**
Chetan C. Shah, MD, MBA Little Rock, Arkansas
- 4:28 pm *Discussion*
- 4:35 pm **Laser Treatment of HHT**
Brian Wong, MD Los Angeles, California
- 4:45 pm *Discussion*
- 4:55 pm **Surgical Approach to AVM**
Gresham T. Richter, MD Little Rock, Arkansas
- 5:05 pm *Discussion*
- 5:15 pm **Day 1 Conclusion**
- 6:00-6:30 pm **Shuttle to Clinton Presidential Library**
Location: Capital Hotel
- 6:30-10:00 pm **Symposium Reception and Tour at the Clinton Presidential Library**



2nd International Symposium on Hemangiomas and Vascular Malformations of the Head and Neck

SATURDAY, OCTOBER 10TH

Presentations- Capital Hotel Ballroom, 1st Floor

7:15-8:00 am Continental Breakfast with Exhibitors
7:40am **Interesting Case II**
8:00am **Symposium Recapitulation and 2nd day Overview**
Gresham T. Richter, MD Symposium Chairman

Arteriovenous Malformations II

Moderator: James Y. Suen, MD

8:15 am **IR Tools and Success in Treating AVM of the Head and Neck**
Wayne Yakes, MD Englewood, Colorado
8:25 am *Discussion*
8:35 am **Head and Neck AVM: Future Treatment and Philosophy**
Jochen Werner, MD Marburg, Germany
8:45 am *Discussion*
8:55 am **Role of Adjuvant Therapy in Arteriovenous Malformations**
Konstaninos Arnaoutakis MD Little Rock, Arkansas
9:05 am *Discussion*
9:15 am **Molecular Oncology and Angioma Research-Focus on the Interface**
Robert Mandic, MD Marburg, Germany
9:25 am *Discussion*
9:35am **Craniofacial AVM-Treatment by Embolization and Interstitial Nd:YAG
Laser Therapy**
Peter Berlien, MD Berlin, Germany
9:45 am *Discussion*
9:55 am **Imaging Surveillance of Recurrent AVM**
Rudy Van Hemert Jr, MD Little Rock, Arkansas
10:05am *Discussion*
10:15 pm **Management of Recurrent AVM**
James Suen, MD Little Rock, Arkansas
10:25 am *Discussion*

10:35-11:00 am Break with Exhibitors, Capital Hotel, 2nd floor

