Fortis HOSPITAL Mohali

VSLS

VAI
Venous Association of India
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4th Certification Course in Vascular USG (Ultrasound) and Minimally Invasive Treatment of Venous Diseases

August 3rd-6th, 2017
Mohali, India

COURSE CO-DIRECTORS

Dr. Shoaib Padaria (Past President VAI), India
Dr. DK Dekiwadia (President-VAI), India
Dr. HS Bedi (Treasurer VAI), India
Dr. Ramakrishnan Pinjala (Past President, VAI), India
Dr. Ladbans Kaur (Radiologist), India
Dr. UP Singh (Cardiologist), India
Dr. Roy Varghese (Secretary, VAI), India
Dr. Malay Patel (Past President, VAI), India
Dr. S B Gogia (President, Lymphology), India

COURSE HIGHLIGHTS (World Renowned Faculty)

1. Vascular ultrasound theory and hands-on training on Models and Patients.
2. USG Guided puncture of IJV/Femoral Vein/ Popliteal Vein/ Femoral Artery/Axillary Vein/Long Saphenous and Short Saphenous Vein.
3. Medical Stockings and four-layer compression stockings.
4. Practical training of latest treatment of varicose veins with live demonstration of EVLT/RF/Foam Sclerotherapy.
5. **Hands-on Training on patients for all delegates (One Case for each delegate).**
6. Live demonstration of DVT thrombolysis and IVC filter.
7. Cosmetic Varicose vein treatment.
8. More than 30 case will be operated live during this period.
9. Live demonstration of stem cell & PRP therapy.
10. Many more latest procedures (Live).

COURSE DIRECTORS

Dr. Ravul Jindal
MS, FRCS, DNB, FAMS, FIVS
Vice President - VAI
Director-Vascular & Endovascular Surgery
Fortis Hospital Mohali

Dr. Jean Patrick Benigni
Phlebologist
France

Prof. Jean Francois Uhl
Vascular Surgeon,(France)
Vice-president of
French Society of Phlebology

Prof. Nick Morrison
President of UIP
USA

Only 30 seats available

Each candidate would be allowed to perform one USG guided puncture of vessel and one case of USG guided minimally invasive treatment of varicose veins.

Course Fee $ 300 USD & $ 150 USD for Venous Association of India members

Venue : Fortis Operation Theatre, 3rd Floor Auditorium, Fortis Hospital Mohali-160062, India
Accommodation : Fortis Inn, Fortis Hospital Sector 62,Phase 8, Mohali (0172-5021222/4692250)

For registration and further information :
Please contact Conference Secretary at:
+91-8283817442, +91-8283834744, | Email: vslscourse@gmail.com
http://indianvascularsurgery.com/|https://www.facebook.com/VSLS2012

The Course is accredited by Punjab Medical Board & VAI
*Limited seats only

Scientific Programme

Day 1 | 3rd August 2017 (Thursday)	
Basic Knowledge of USG and Investigation of the Venous Network by Venous Hemodynamical Mapping	
Time	**Topic**
1:00 – 1:45 PM	**Lunch**
1:45 PM	**Welcome to the Attendees**
2:00 – 3:00 PM	**Applied Anatomy of the Venous Network of the Lower Limbs**
	Embryology of the venous system of the lower limbs
	The 3 venous compartments
	Demonstration of virtual anatomy with 3D modeling
	Including 3D anatomy in stereo vision
	Questions and answers
3:00 – 4:00 PM	**Basics of Ultrasonography**
	Principals of Ultrasonography
	Basic Terminology about vascular ultrasound
	Nuts and Bolts of USG machine
	Discussion
4:00 - 4:15 PM	**Tea Break**
4:15 - 4:30 PM	**Lamp Lightening**
4:30 - 5:00 PM	**USG for venous diseases : Normal and abnormal**
5:00 - 6:00PM	**Investigaion of Chronic Venous Diseases by Colour Doppler**
	Protocol and technique of venous mapping before surgery
	Live Demonstration & Duplex Assessment And Mapping with one patient
	Questions and answers
6:00 – 8:00 PM	**HANDS ON SESSION with 3-4 groups with varicose patients**
	Selection of the patients for the treatments of the following days
	Identification of the saphenous trunk
	Check for reflux with the provocative maneuvers
	Location of the main perforator veins
	Investigation of the popliteal veins
	Check for the nerves and SSV
	How to map the Superficial venous system
	Investigation of the deep system
8:00 PM	**End of Session 1, Question & Answer, Feedback form**
8:30 PM	**Dinner at Fortis Inn**

Day 2 | 4th August 2017 (Friday)	
Time	**Topic**
8:30 AM	**Welcome by Dr. R Jindal**
8:30 - 9:30 AM	**Venous Physiology CEAP Classification of CVD**
	The 4 muscular pumps of the lower limbs (& calf stimulation)
	Evaluation and risk factors of CVD
	The CEAP classification
	Medical Treament by veno-active drugs
	Live Cases of Varicose Veins No. 1 (Candidate No. 1)
	Questions and answers

Day 2 | 4th August 2017 (Friday)	
Time	Topic
9:30 - 10:30 AM	**Basics on Compression Therapy**
	The 4 golden rules of compression
	The compression of leg ulcers
	Efficacy of Zinc Oxide Bandage
	Live demonstration of 4 layer compression dressing
	Live Case (Candidate No. 2)
10:30 - 11:00 AM	**Foam Sclerotherapy**
	How to make foam
	Techniques of UGFS JMD JPB (movies)
	New technique of Sclerotherapy of hemorrhoids (movie)
11:00 - 11:15 AM	**Tea Break / Group Photograph**
11:15 - 1:00 PM	**Live Demonstration of Various vein puncture - Lectures from Vascular theatre**
	USG guided puncture of IJV (Internal Jugular Vein) applied anatomy (Candidate No. 1 + 2)
	USG guided puncture of Femoral vein (Candidate No. 3 + 4)
	Permacath , Dialysis line insertion - Live (Candidate No. 5 + 6)
	Popliteal vein puncture – Live Demonstration (Candidate No. 7 + 8)
	USG guided radial artery/ brachial artery puncture (Candidate No. 9 + 10)
1:00 - 2:00 PM	**Lunch**
2:00 - 4:00 PM	**Workshops:** Hands-on Puncture and **echo-guided sclerotherapy and compression**
	2 groups (duration 60 min) switching from sclerotherapy to phantom & compression
	1. Training of Echo-guided injection with 2 phantoms and videos (Furture Expansion Library)
	2. Compression Therapy (Auditorium)
	How to put a stocking. Ulcer kit - Measurement of interface pressure
	How to put a bandage. Cotton + long stretch. Multilayer. Adaptable
	Questions & Answers
4:00 – 4:15 PM	**Tea Break**
4:15 - 7:00 PM	**Live cases in OT**
	Live Cases of Varicose Veins No. 1 (Candidate No. 3)
	Live Cases of Varicose Veins No. 2 (Candidate No. 4)
	Live Cases of Varicose Veins No. 3 (Candidate No. 5)
	Live Cases of Varicose Veins No. 4 (Candidate No. 6)
600 - 7:00 PM	**Lymphodema Session**
7:00 - 8:00 PM	**Suture Workshop : Coviedien**
	All about sutures and latest development
	Practice of knot tying
	Hands on anastomosis suturing
8:00 PM	**Dinner**

Day 3 | 5th August 2017 (Saturday)	
Time	Topic
9:00 AM	**Welcome Speech**
9:00 - 10:30 AM	**Demonstration "Live" of Surgical Techniques (Comments and Questions during Procedures)**
	Live demonstration of USG guided endovenous laser treatment of long saphenous vein (Candidate No 7)
	How do laser wavelength , energy used , pull back times matter?
	Live demonstration of USG guided endovenous laser treatment of short saphenous vein (Candidate No 8)
	What are different Laser machines available in India & Abroad ?
10:30 - 10:45 AM	**Tea Break**

Day 3 | 5th August 2017 (Saturday)	
Time	Topic
10:45 - 12:00 AM	**Radio Frequency Ablation – Live Demostration**
	Live demonstration of USG guided radio frequency of long saphenous vein (Candidate No 9)
	Optimizing results with Radiofrequency ablation
	Live demonstration of USG guided radio frequency of short saphenous vein (Candidate No 10)
	All you want to know about perforators and there manaement options
12:00 - 1:30 PM	**Sclerotherapy in AVM – Live cases (2 Spinal Cases)**
	AVM ethanol injection (Candidate No 11)
	Glue and Lipidol injection (Candidate No 12)
	Onyx demonstration in Arterio Venous Malformation (Candidate No 13)
1:30 - 2:00 PM	**Lunch Break**
2:00 - 3:00 PM	**Tips and Tricks for Endovenous Ablation**
	Live Cases of Varicose Veins No. 5 (Candidate No 14)
	Live Cases of Varicose Veins No. 6 (Candidate No 15)
3:00 - 4:00 PM	**Open Varicose vein surgery under LA (1 Open Cases) (Candidate No 16)**
4:00 - 4:30 PM	**Tea Break**
4:30 - 7:00 PM	**Newer technologies demonstration**
	VASCULIFE by Alma Laser (Candidate No 17)
	LASOTRONIX, Smart Laser (Candidate No 18)
	VARICLOSURE, RF Machine (Candidate No 19)
	Newer Machine 1 (Candidate No 20)
	Newer Machine 2 (Candidate No 21)
6:30 - 7:00 PM	**Treatment by Chemical Ablation of the Saphenous Trunk**
	Foam sclerotherapy with long catheter (ALPHA de Milleret)
	Clarivein (movie)
	LAFOS technique (movie)
	Glue (movie)
	Steam ablation of saphenous trunk
7.30 -10.30 PM	**Gala Dinner**

Day 4 | 6th August 2017 (Sunday)	
Peripheral Vascular Disease	
Time	Topic
9:00 AM	**Welcome by Dr. Ravul Jindal**
9:00 AM - 1:00 PM	**Live cases in OT**
	Live Cases of Varicose Veins No. 7 (Candidate No 22)
	Live Cases of Varicose Veins No. 8 (Candidate No 23)
	Live Cases of Varicose Veins No. 9 (Candidate No 24)
	Live Cases of Varicose Veins No. 10 (Candidate No 25)
	Live Cases of Varicose Veins No. 11 (Candidate No 26)
	Live Cases of angioplasty (Candidate No 27)
11:00 - 11:30 PM	**Live Demonstration of VAC Therapy**
	Workshop (on Versajet) video in Box
	Lecture on Advance in wound management
11:30 - 12:00 NOON	**Tea Break + Cake cutting**
12:00 – 1:00 PM	**DVT Session (if possible Live demonstration of DVT thrombolysis)**
	Thrombolysis for acute DVT – Tips & Trick (Candidate No 28)
	IVC filter (Candidate No 29)
	Newer anticoagulants for prevention & treatment of DVT (Candidate No 30)
1:00 - 1:30 PM	**Certificates Distribution**
	Vote of Thanks
1:30PM	**Lunch**