

# Curriculum Vitae

**Ravul Jindal**



**PERSONAL DETAILS**

**Address:** Director Vascular & Endovascular Surgeon, Fortis Hospital, Sector 62  
Mohali- 160062

**Full name:** Ravul Jindal

**Date of Birth:** 13<sup>th</sup> Dec 1971      **Age:** 48

**Nationality:** Indian      **Marital Status:** Married

**Telephone:** 0091-172 5096222      **Fax:** 0091-1725096221

**Mobile:** 0091-9815109444      **Email:** jravul@yahoo.com

**QUALIFICATIONS**

MBBS 1993

FRCS (Edinburgh) (UK) 1998

MS (General Surgery) 1998  
(Post Graduate Institute of Medical Education and Research, Chandigarh, India)

DNB (Diplomat of National Board), India 1999

FMAS (Fellow of Minimal Access Surgery), India 2007

FIVS (Fellow of India Vascular Surgery), India 2015

**MEDICAL EDUCATION**

Mahatma Gandhi Institute of Medical Sciences – Maharashtra, India 1989-1993

**AWARDS**

Senior National Talent Search Contest	Silver Medal	1987
First in First Professional of MBBS	Silver Medal	1990
First in First Professional of MBBS	Tirumala Medal	1990
First in Anatomy in the University	Silver Medal	1990
Second in Biochemistry in the University	Bronze Medal	1990
Second in Microbiology	Bronze Medal	1992
Second in Pharmacology	Bronze Medal	1992
Second in Final MBBS	Bronze Medal	1993
Second in Surgery	Bronze Medal	1993
Second in Pediatrics	Bronze Medal	1993
Second in Ophthalmology	Bronze Medal	1993
Second in Midwifery and Gynecology	Bronze Medal	1993

**OTHER ACHIEVEMENTS**

- National Bravery Award - From the Prime Minister of India
- Jeevan Raksha Padak - From the President of India
- Jiv Raksha Medal - From the Governor of Punjab
- India Today Business Wizard, North - From Shri Prakash Singh Badal, honorable Chief Minister of Punjab on 30th June 2016
- Award of Excellence - From Shri J. P. Nadda, Health Minister of India on 6<sup>th</sup> April 2018 at New Delhi

**CURRENT APPOINTMENT**

Director Vascular and Endovascular Surgery at Fortis Hospital, Mohali from Aug 2006 to till date

**PREVIOUS APPOINTMENT**

Senior Registrar	Vascular surgery	St Mary's, UK	June 03-May 06
Senior Registrar	Gen/ Vas Surgery	PGIMER, India	Jan 01- June 03
SHO	Gen /Urology	Eastbourne, UK	Jun 00 - Nov 00
SHO	Gen Surgery	Wick, UK	Aug 99- May 00
Registrar	Transplant/ Vascular	PGIMER, India	Jan 99 - Jun 99
Registrar	Accident & Emergency	PGIMER	Jul 98 - Dec 98
SHO	Basic surgical rotation	PGIMER	Aug 95 - Jun 98
HO	General Surgery	India	Jan 95 - June 95
Intern	One year rotation	MGIMS, India	Jan 94 - Dec 94

**MEMBERSHIP OF PROFESSIONAL ORGANISATIONS**

Chairman of the Governing Council - Venous Association of India (VAI)  
 Past President - Venous Association of India (VAI)  
 Treasurer - Asian Venous Forum (AVF)  
 Executive Member - International Compression Club (ICC)  
 Council Member - L'Union Internationale de Phlebologie (UIP)  
 Life member - Vascular Society of India (VSI)  
 Endovascular Intervention Society of India  
 Royal College of Surgeons of Edinburgh, UK  
 European Society of Vascular Surgery  
 Society of Vascular surgery, USA  
 Member - Association of Surgeons of India (ASI)  
 Chandigarh Surgical Society  
 Indian Medical Association- Academic Incharge, Panchkula branch  
 Life member of Association of Minimal Access surgeons of India (AMASI)

## RESEARCH

1. **Edoxaban, Hokusai VTE Study:** To evaluate whether initial (LMW)-heparin followed by edoxaban only is non-inferior to initial (LMW)- heparin overlapping with warfarin, followed by warfarin only in the treatment of subjects with acute symptomatic venous thromboembolism for the prevention of symptomatic recurrent venous thromboembolism during a 12-month study period (2009-2010)
2. **AMPLIFY EXT study (CV185-057): Extended Treatment Study Overview.** A large, multinational Phase III trial of a new oral anticoagulation medication is planned in patients who have completed a standard 6 to 12 month regimen of conventional anticoagulation therapy for a symptomatic proximal DVT or a symptomatic PE without recurrence during the treatment period (Dec 2008).
3. **AMPLIFY EXT study (CV185-056): Symptomatic Venous Thrombosis Study Overview.** A large, multinational Phase III trial of a new oral anticoagulation medication is planned in patients with confirmed acute symptomatic proximal DVT or PE. This will be a randomized, active controlled, parallel group, double-blind, and triple dummy trial comparing this medication to conventional therapy of Enoxaparin and Warfarin therapy. (Nov 2008).
4. **LIFENOX Study:** To demonstrate in patients hospitalized for an acute medical illness that enoxaparin given once daily for  $10 \pm 4$  days with Graduated Elastic Stockings is superior to placebo of enoxaparin with Graduated Elastic Stockings on overall mortality at Day 30 after randomization (2008-2009)
5. **Carotid plaque inflammation and distal embolisation during carotid endoluminal intervention** at St. Mary's Hospital under Prof A Darzi, Prof NJW Cheshire and Dr D Peck (2003-2004)
6. **Thesis on "Bacteriological and Biochemical Composition of Staghorn calculi"**, which was accepted by Post Graduate Institute of Medical Education and Research (PGIMER) for the award of Masters of General Surgery. The results were presented at, "All India Urological Association Conference" at Mumbai in 1998 (1995-1998). (Under guidance of Prof S K Sharma)

## NATIONAL CONFERENCES ORGANISED

1. First Vascular Workshop and Training programme for all the surgeon of Bhutan at Bhutan in April 2018
2. National meeting of Venous Association of India, VAICON 2016 at Jaipur in Feb 2016
3. National meeting of Venous Association of India, VAICON 2011 at Chandigarh in Feb 2011
4. Annual conference of the Vascular Society of India, VSI at Chandigarh in 2008
5. **Arranged more than 200 CMEs in various part of India teaching more than 5000**

**doctors.**

## TRAINING WORKSHOPS AND CME

1. 4th Hands-on Experience Course on Endovenous Laser Treatment of Varicose Veins at Fortis Hospital Mohali, Punjab, 8th March 2019
2. Infra popliteal angioplasty diabetic foot course at Fortis Hospital Mohali, Dec 2018
3. 1st Dialysis Technician Program on USG guided puncture of AV Access, Fortis Hospital Mohali, Dec 2018
4. CME on "Peripheral Vascular Disease" at Phagwara (Punjab), Nov 2018
5. Venous Training CME under the aegis of FHM & VAI at Hoshiarpur, Punjab, Oct 2018
6. 3rd Hands-on experience course on Endovenous Therapy for Varicose veins at Fortis Hospital Mohali, Punjab, Oct 2018
7. CME on Recent Advances in Management of Peripheral Vascular Disease at Gurdaspur, Punjab, Sep 2018
8. 5th certification course in Vascular USG (Ultrasound) & Minimally Invasive Treatment of Venous Diseases at Fortis Hospital Mohali, Aug 2018
9. Nursing Symposium on Vascular diseases at Fortis Hospital Mohali, Aug 2018
10. One Hour training programme on Wound Management for Vascular Department at Fortis Hospital Mohali, July 2018
11. One Hour training programme on Anticoagulant Medicine for Vascular Department at Fortis Hospital Mohali, June 2018
12. Hands-on Workshop on 1st USG (Ultrasound) Arterio Venous Fistula Angioplasty Course at Fortis Hospital Mohali, Punjab, June 2018
13. CME on Recent Advances in the management of Peripheral Vascular Diseases, Solan, HP, April 2018
14. CME on Awareness of Deep Venous Thrombosis (DVT), Jalandhar, April 2018
15. 2<sup>nd</sup> Hands-on workshop on Endovenous Therapy for Varicose Veins, Haemorrhoids and Anal Fistula at Fortis Hospital Mohali, Punjab, Mar 2018
16. Live cases with using of new technique i.e. Glue Closure to treat Varicose Veins at Fortis hospital Mohali, Punjab, Dec 2018

17. 1<sup>st</sup> Hands-on workshop on Endovenous Therapy for Varicose Veins, Haemorrhoids and Anal Fistula at Fortis Hospital Mohali, Punjab, Oct 2017
18. 4<sup>th</sup> Certification course in USG (Ultrasound) and minimally invasive treatment of varicose veins at Fortis Hospital Mohali, Punjab, Aug 2017.
19. Nursing Symposium on Vascular diseases at Fortis Hospital Mohali, Punjab, Aug 2017
20. One Hour training programme on Bleeding control with different technique, Fortis Hospital Mohali, July 2017
21. One Hour training programme on Diabetic Foot, Fortis Hospital Mohali, July 2017
22. Live operative workshop on Endovenous Laser Therapy for Varicose veins at Fortis Hospital Mohali, July 2017
23. CME on Recent Advances in the management of Peripheral Vascular Diseases, Mayo Hotel Chandigarh, June 2017
24. Live operative workshop on Endovenous Laser Therapy for Varicose veins at Lucknow, UP, June 2017
25. CME on Recent Advance in the management of PVD at Punjab Institute of Medical Sciences, Garha Road, Jalandhar, Mar 2017
26. Round table Meeting on Treatment of Aortic aneurysm at Fortis Hospital Mohali, Punjab, Nov 2016
27. Training on Wound Care Management for North India nurses & doctors at Fortis Hospital Mohali, Punjab, Nov 2016.
28. Recent Advances in the Management of PVD at Leh (J&K), Oct 2016.
29. 3<sup>rd</sup> certification course in USG (Ultrasound) and minimally invasive treatment of varicose veins at Fortis Hospital Mohali, Punjab, Aug 2016.
30. Nursing Symposium on Vascular diseases at Fortis Hospital Mohali, Punjab, Aug 2016.
31. Newer options for Peripheral Vascular Diseases at Palampur (H.P.), Aug 2016
32. Master Class on Venous Disease at Indira Gandhi Medical College (IGMC) Hospital, Shimla (H.P.), Aug 2015.
33. 2<sup>nd</sup> certification course in USG (Ultrasound) and minimally invasive treatment of varicose veins at Fortis Hospital Mohali, Punjab, Aug 2015.
34. Nursing Symposium on Vascular diseases at Fortis Hospital Mohali, Punjab, Aug

2015.

35. 1st certification course in USG (Ultrasound) and minimally invasive treatment of varicose veins at Fortis Hospital Mohali, Punjab, Aug 2014.
36. Nursing Symposium on Vascular diseases at Fortis Hospital Mohali, Punjab, Aug 2014.
37. Peripheral vascular disease and advances in Pain management, Sept 2007.
38. Symposium on Diabetic foot at Fortis Hospital, Mohali on account of World Diabetic Day, 11<sup>th</sup> Nov 2006.
39. CME on Diabetic Foot at Star Hospital, Srinagar (J&K), May 2016

## INTERNATIONAL PRESENTATIONS

**Delivered more than 500 lectures in various National & International meetings in the last 10 years from 2007 to 2019.**

1. Pan Arab Interventional Radiology Society Annual Congress, PAIRS 2019 at Dubai as a faculty, 27-28 Feb 2019
2. 15th Annual Conference of the Vascular Society of Egypt (VSE), Cairo, 20th - 23rd Feb 2019
3. **A) Lecture on Endovenous Glue Masterclass during the meeting. B) Chairing the session on Asian Venous Forum – VAICON Joint Session. C) Discussant on Innovations in compression session & Free short communications from the World** at vWinter days International meeting in Phlebology, Lymphology & Aesthetics at Italy, Jan 2019.
4. **A) Hybrid technique for artery venous malformations (AVM) - short video. B) Exposed calcaneum with ischemic diabetic foot is not an indication for below knee amputation. C) Our initial experience with Glue closure of varicose veins in India:** Jindal R, Presented Lectures at 19<sup>th</sup> Congress of Asian Society for Vascular Surgery, ASVS 2018 at Guangzhou, July 2018.
5. **A) MOCA And RF : randomised trial initial results after one year of follow up. B) Hybrid techniques for treatment of arteriovenous malformations: practical aspects:** Jindal R, Presented Abstracts at Kazakhstan Venous Forum at Almaty, Kazakhstan, May 2018
6. **CME on Venous diseases of lower limb specially focusing on Interventional procedures for Varicose Veins, Bhutan, April 2018**
7. **A) Comparison of leg measurements in Indian patients with European standards**

**of below-knee compression stockings. B) Hybrid approach to AVM: How I do it. C) Tumescant Anesthesia: does composition of the tumescant matters? D) A single centre randomized controlled trial comparing radiofrequency and mechanical occlusion chemically assisted ablation of varicose veins in patients with bilateral involvement - Initial experience:** Jindal R, Presented Abstracts at UIP World congress of Phlebology - UIP 2018 at Melbourne, Australia, Feb 2018

8. **A) Mechanico-Chemical versus Radiofrequency Ablation. B) Is an exposed calcaneum a contraindication to salvage in diabetic patients:** Jindal R, Presented lectures at 18th Congress of Asian Society for Vascular Surgery and the 12th Asian Venous Forum in conjunction with the 4<sup>th</sup> Kuala Lumpur Vascular Access Conference- ASVS 2017 at Kuala Lumpur, Malaysia, Oct 2017
9. **Comparing Radio Frequency (RF) Ablation v/s Mechanico Chemical Ablation (MOCA) technique:** Jindal R. Presented lecture at Russia, Moscow. The First Russian-Indian Venous Forum meeting, Moscow, Aug 2017 was organised by Venous Association of India, Aug 2017
10. **Compliance of compression stockings in Indian patients:** Jindal R. Presented lecture at European Wound Management Course (EWMA 2017), Amsterdam, The Netherland, May 2017
11. **Randomised study between Radio Frequency Ablation and MOCA Technique:** Jindal R. Presented at 4th Scientific meeting, International forum for minisurgery of varicose veins, Jurmala, Latvia, May 2017
12. **a) Sizing before EVAR - How to make it simple, b) Diabetic Ischemic Foot - How to choose between open & Endovascular, c) AVMs - Practical Aspects in Management:** Jindal R. Presented Lectures at AFROCHAP IX VSE XIII MLAVS XXVII, Aswan (Egypt), Feb 2017
13. **Difficult Superficial Femoral Artery intervention case:** Jindal R. Presented lecture at Advanced course on SFA interventions, Adelaide (Australia), Dec 2016
14. **Chairing a session on topic "ASVF - Office Based Venous Practice" & delivered a lecture "Tumescant anesthesia - does composition of tumescence fluid matter":** Jindal R at 17th Congress Asian Society for Vascular Surgery (ASVS2016), Singapore, Oct 2016:
15. **Supine Treatment of Small Saphenous Vein by Laser and Radio frequency:** Jindal R. Presented at 12th Annual congress of VSE 2016, Egypt on Mar 2016
16. **Vascular access outcomes using single stage transposed basilic vein transposition:** Jindal R, Dr Piyush Chaudhary, Dr Taranvir Kaur, Sis Navjot Kaur. Presented at UIP Chapter Meeting, Rome 2016, Apr 2016
17. **Short Saphenous Ablation in Supina position:** Jindal R. Presented conference at Bolagna, Feb 2016
18. **UIP chapter meeting,** Presented at Seoul Korea, Aug 2015
19. **Venous Meeting:** Jindal R. Presented at Dubai, Dec 2014
20. **Diabetic foot intervention course:** Jindal R. Presented at ICCP training program, Italy, Sept 2014
21. **LINC@VSICON 2011, Live Symposium,** Sept 2011



22. **Academia Medical Education. Lower Limb Interventions Cathlab Training**, Leipzig Germany July 2011
23. **Short to midterm results of Endovascular Stenting of complex Thoraco abdominal Aortic pathologies:** Jindal R, MP Jenkins, R Gibbs, JHS Cowie, M Clark, M Hamady, NJW Cheshire. Presented from Society of Vascular Surgery, Philadelphia June 2006.
24. **St George's Vascular Access meet**, London, UK, June 2006
25. **EVC- EAVST Cook training course**, Amsterdam, May 2006
26. **Distal embolisation risk during carotid stenting:** Brightwell R, Jindal R, Hamady M, Cheshire NJW. Poster at ASGB, Edinburgh, May 2006
27. **Critical issues in Endovascular grafting**, Liverpool, UK, May 2006
28. **Charing cross symposium** 2004, 2006, London, UK, April 2006
29. **Vascular Anamolies-treatment, RSM**, London, UK, Mar 2006
30. **Radiation protection course (IRMER)**, London, UK, Jan 2006
31. **Multidisciplinary European Endovascular carotid course**, Marseille France, Jan 2006
32. **Embolic Activity during Carotid Angioplasty: Proteomics and ELISA Studies:** Jindal R; Gretta R; Brightwell R; Peck D; Darzi A; Cheshire NJW. Oral presentation at VSSGBI AGM, SARS Scientific Session, Bournemouth, Nov 2005.
33. **Peripheral angioplasty and stent course:** Guidant, Belgium, Nov 2005
34. **Fem distal bypass course:** Oak Hospital, Birmingham, UK, Oct 2005
35. **Peripheral (Iliac) angioplasty and Stenting course:** Nice, France, Sept 2005
36. **Plaque Echolucency and plasma markers predict embolisation during carotid angioplasty:** Jindal R; Bicknell C; Peck D; Rice A; Dhanjil S; Wolfe J; Jenkins M; Darzi A; Cheshire NJW, Hamady Mo. Poster Presentation at CIRSE (Cardiovascular and Interventional radiology society of Europe), Nice, France Sept 2005. Selected for Merit award.
37. **Echolucency and plasma markers predict embolisation during carotid angioplasty.** Jindal R; Bicknell C; Peck D; Rice A ; Dhanjil S; Wolfe J; Jenkins M; Darzi A; Cheshire NJW. Oral Presentation at SVS (society of vascular surgery), Chicago, US, June 2005
38. **Plaque Echolucency and plasma inflammatory markers predict embolisation during carotid angioplasty.** Jindal R; Bicknell C; Peck D; Rice A; Dhanjil S; Wolfe J; Jenkins M; Darzi A; Cheshire NJW. Presentation at Japanese vascular society, Asahikawa, Japan, June 2005
39. **Can plaque Echolucency and plasma inflammatory markers predict embolisation during carotid angioplasty?:** Jindal R; Bicknell C; Peck D; Rice A; Dhanjil S; Wolfe J; Jenkins M; Darzi A; Cheshire NJW. Presentation at ASGBI at Glasgow, UK, April 2005
40. **St Thomas Post graduate vascular training course**, London, May 2005
41. **Vascular Ultrasound course for surgeons**, Kings college, London, Mar 2005
42. **Plaque Imaging in carotid intervention:** Jindal R; Bicknell C; Peck D; Dhanjil S; Darzi A; Cheshire NJW. Imaging Sciences Centre, Imperial College, London. Poster presentation, Feb 2005.

43. **Biological features of the carotid plaque predict distal embolisation during carotid endoluminal intervention:** Jindal R; Bicknell C; Peck D; Rice A; Wolfe J; Jenkins M; Darzi A; Cheshire NJW. Society of Academic and Research Surgery, Newcastle, UK, Jan 2005.
44. **Open and Endovascular Vascular Workshop**, Pontresina, Switzerland, Jan 2005
45. **Radiation Protection Course** - Imperial College, Nov 2004
46. **Advance your career- write a clinical Paper**, Manchester, Oct 2004
47. **C- reactive protein and Interleukin 6 are related to carotid plaque symptoms and grade of stenosis:** Jindal R, Bicknell CD, Peck D, Dhanjil S, Jenkins MP, Wolfe JHN, Cheshire NJW. 53 rd International Congress of European Cardio thoracic vascular society meet at Ljubljana, Slovenia- June 2004-oral presentation.
48. **EAVST Vascular and Endovascular Training day 26th Charing Cross Symposium-** (UK), Apr 2004
49. **Hands on training on Thoracoscopic Sympathectomy and Botulinum toxin**, Milton Keynes, UK, Oct 2003
50. **Open and Endovascular Masterclass-** (Dublin), Sept 2003
51. **Decompressive Shunt Surgery in Budd Chiari Syndrome:** Free paper Presentation. Jindal R. Behera A. Presented at 5<sup>th</sup> International Congress of the Asian Vascular Society- Challenges in Vascular and Endovascular Surgery, Singapore, May 2002. Nominated for best paper award
52. **Diagnostic delay in Colorectal Cancer.** Poster Presentation. Jindal R, Fisher P W. Edinburgh Annual Audit Symposium, Mar 2000
53. **Ureteroscopy in ileal conduits.** Urology endoscopic conference. Leeds in Oct 2000, Free paper Presentation. Jindal R, Watson G
54. **Higher surgical training course** (UK) (Vascular/Bowel anastomosis; Royal College of Surgeons of Edinburgh), June 2000
55. **Communication skills course** (UK), Apr 2000
56. **Radiation Safety Course** (UK), Apr 2000
57. **HIV and needle stick injury course** (UK), Feb 2000
58. **Adult Trauma Life Support (ATLS)** (UK), Oct 1999

## NATIONAL PRESENTATIONS

1. **Veno-Lymphatic Ulcers and its Management.** Participated web lecture in National Lymphoedema Webinar on the occasion of World Lymphoedema Day, Fortis Hospital Mohali, March 2019
2. **Live cases of varicose veins and angioplasty presented.** 3rd edition of Endovascular Live ie EVL 2019 at Hotel Pullman Novotel Aerocity, Delhi, Feb 2019

3. **A) Duplex guided AV access revascularization. B) The rising tide of venous leg ulcers - VAI's initiative. C) New therapies- MOCA and Glue. D) UIP and VAI - their cooperation:** Jindal R, Presented lectures at 12<sup>th</sup> Annual Conference of Venous Association of India, VAICON 2019, Hyderabad, Jan 2019
4. **Experience with external jugular tunneled catheters:** Jindal R, Presented lecture at AVATAR 2018, Delhi, July 2018
5. **Non Thermal ablation of varicose veins:** Jindal R, Presented lectures at 10th Asia Pacific Vascular Intervention Course (APVIC-X), Delhi, July 2018
6. Organised Venous Association of India session at 10th Asia Pacific Vascular Intervention Course (APVIC X) on 30th June 2018 at Delhi
7. **MOCA Techniques:** Jindal R, Presented lectures at 11<sup>th</sup> Annual Conference of Venous Association of India, VAICON 2018 & unique academically enriched meeting called TEPCON 2018 organised by Vascular Society of Gujarat (VSG), Baroda, Gujarat, Feb 2018
8. **Latest treatment in the management of Varicose veins:** Jindal R, Presented lectures at Midterm CME of Haryana Chapter of the Association of Surgeons of India - HASICON 2017 at Rewari, Haryana, Nov 2017
9. **Newer non thermal techniques for treatment of varicose vein:** Jindal R, Presented lecture at Annual Conference of Association of Surgeons of India - SURGICON 2017, DMCH Ludhiana, Oct 2017
10. **VTE in Asian population:** Jindal R, Presented lecture at Elite Arthroplasty Congress Ishksaa Combined Global Summit 2017, Chandigarh, Oct 2017
11. **First study in India of Mechanico Chemical Ablation (MOCA) device comparison with Radio Frequency (RF) Ablation in patients with bilateral varicose veins:** Jindal R, Presented lecture at 24th Annual conference of the Vascular society of India, VSICON 2017, Kochi, Sep 2017
12. **1610-1620: E:** Jindal R, Presented lecture at Aortic Workshop - Aortic Injuries, Dissections & Aneurysm - Hybrid & Endovascular management, New Delhi, Aug 2017
13. **How to make AVF angioplasty simple:** Jindal R, Presented at 6th Annual update of AVATAR 2017, The Lalit, Goa, July 2017
14. The Third National Endovascular Complication Meet organised by The Vascular Interventions Foundation at Taj-Swarna Amritsar, Apr 2017
15. **Recent Advance in the management of Peripheral Vascular Disease (PVD):** Jindal R, Presented at CME, Punjab Institute of Medical Sciences, Garha Road, Jalandhar on Mar 2017
16. **a) Management of Venous Ulcer, b) Mechanochemical Ablation, c) Duplex**

**Scanning a gold standard in Chronic Venous Disease & d) Tumescant Anestjesia - its importance:** Jindal R. Presented at 10<sup>th</sup> Annual Conference of Venous Association of India, VAICON 2017, Varanasi (UP), Mar 2017

17. **Varicose Veins - Anatomy, Physiology and Classification of Severity:** Jindal R. Presented at 72nd Annual Conference of The Association of Physicians of India (APICON 2017), Mumbai, Jan 2017
18. **Chairing a session of Workshop Surgical approaches to successful AVF's & AVG's & Hands-on Suturing:** Jindal R. Presented at CiDAAP 2016, Gurgaon (Delhi NCR), Dec 2016
19. **Basics of Arterio Venous fistula:** Jindal R. Presented at 1st Annual Interventional conference on controversies in Dialysis Access Asia - Pacific (CiDAAP - 2016), Hyatt Regency, Gurgaon (Delhi NCR), Dec 2016
20. **Management of Diabetic Foot:** Jindal R. Presented at A Hybrid Approach- 5th Annual CME, Chandigarh, Nov 2016
21. **Vascular Injuries on trauma :** Jindal R. Presented at Midterm CME at Government Medical College (GMCH) Hospital, Chandigarh, Sep 2016
22. **Whats new in the world of venous stents?:** Jindal R. Presented at Vascular Society of India Conference 2016 (VSICON 2016), Bangalore, Sep 2016
23. **(i). Principles of Investigation and Management - Symposium on Venous ulcer & (ii) Vascular Intervention in Diabetic Foot:** Jindal R. Presented at WOUNDCON 2016, IGMCH Hospital, Shimla, July 2016
24. **AVATAR-2016 International Nephrology Conference** at The Lalit, New Delhi, July 2016
25. **Chapter (UP) Association of Physicians of India CME** at Saharanpur on Jan 2016
26. **TEPCON 2016** at Anand, Gujrat, Jan 2016
27. **DFSICON** meeting on diabetic foot at PGI Hospital, Nov 2015
28. **22nd Annual Conference of the Vascular Society of India(VSICON)**, Pune, Oct 2015
29. **Session of LWSIC 2015 & 4th National Heart Failure Summit** and delivered lecture on The Endovascular Conclave AAA Repair/ Carotid Stenting at Lalit Hotel in Chandigarh on Aug 2015
30. **APVIC VII** meeting in Delhi June 2015
31. **INDOVASC SYMPOSIUM 2015** at Bangalore, Mar 2015
32. **Venous Association of India (VAICON 2015)** at Vellore, Tamilnadu, Feb 2015

33. Annual Conference of Vascular Society of India Conference (VSICON 2014), Orrisa, Oct 2014
34. **Peripheral Vascular Disease (PVD):** Jindal R. Presented at WOUNDCON 2013. GMCH Chandigarh, Nov 2013
35. **Indian Podiatry Association: Diabetic Foot Care and Podiatry Workshop** in New Delhi, May 2012
36. **Fortis International Liver Summit: Theme Saving Lives from Liver Disease,** Globally, Chandigarh, Mar 2012
37. **Asia Pacific Vascular Society: 3<sup>rd</sup> Asia Pacific Vascular Intervention course,** New Delhi, March 2011
38. **Thoracic Outlet syndrome:** Jindal R. Presented at Annual Conference of Vascular Society of India Conference (VSICON 2007)
39. **Surveillance after thoracic aortic stenting and managing difficult situations:** Jindal R. Presented at Annual Conference of Vascular Society of India, Nov 2006
40. **3- D reconstruction after CT scans with new software:** Jindal R. Presented at Annual Conference of Vascular Society of India, Nov 2006
41. **Endovascular stent grafting of thoracic aortic pathologies:** Jindal R; Wolfe J; Gibbs R; Jenkins M; Hamady M; Cheshire NJW. Presented at Indian Vascular Society Annual Meeting, Trivandrum, 10-13th Nov 2005.
42. **Plaque Echolucency and plasma markers can predict embolisation during carotid angioplasty:** Jindal R; Wolfe J; Jenkins M; Darzi A; Hamady Mo; Cheshire NJW. Presented at Indian Vascular Society Annual Meeting, Trivandrum, 10-13th Nov 2005.
43. **Pseudoaneurysms due to vascular trauma and injection abuse:** Free paper Presentation. Jindal R, Somasekhar M, Behera A. Presented at 9th Annual National Conference of Vascular Society of India, Kodaikanal, Tamil Nadu, 10th - 13th Oct 2002.
44. **Demonstration of femoral vein puncture, intercostals tube drainage and needle cricothyroidostomy** in a workshop: Jindal R. Presented at CME cum workshop on Trauma and Disaster, PGIMER, Chandigarh, Apr 2002.
45. **Surgical staplers course by Ethicon** (India), Jan 2002
46. **Surgical management of six cases of renal vascular hypertension:** Free paper Presentation: Jindal R, Behera A. Presented at Annual Vascular society of India, Poona, India, Nov 2001.
47. **Delayed presentation of bullet injury as femoral pseudoaneurysm:** Poster Presentation: Jindal R, Behera A. Presented at Annual Vascular society of India, Poona, India, Nov 2001.

48. **Angiolymphoid hyperplasia presenting as a subclavian artery aneurysm:** Poster Presentation. Jindal R, Behera A. Presented at Annual conference of Association of Surgeons of India, Patna, Dec 2001.
49. **Common bile duct tuberculosis mimicking cholangiocarcinoma:** Poster Presentation. Jindal R, Behera A. Presented at Annual conference of Association of Surgeons of India, Patna, Dec 2001.
50. **Decompressive shunt surgery in Budd Chiari Syndrome:** Free paper Presentation. Somasekhar M, Behera A, Jindal R. Presented at Annual conference of Association of Surgeons of India, Patna Dec 2001.
51. **Pancreatic Necrosectomy:** Free paper Presentation .Wig J D, Jindal R. Presented at All India Surgeons' Conference, New Delhi, India, 2000.
52. **Tricks in Pancreatic Surgery:** Free paper Presentation. Wig J D, Jindal R. Presented at All India Surgeons' Conference, New Delhi, India, 2000.
53. **Basic surgical skills course** (India), Oct 1996

## PUBLICATIONS

1. **Mechanochemical Endovenous Ablation: Latest Varicose Vein Treatment.** Ravul Jindal, Deepali Verma, Taranvir Kaur, Shabjot Dhillon, Navjot Kaur, Piyush Chaudhary. Indian Journal of Vascular and Endovascular Surgery. Volume 6. Issue 1. January-March 2019
2. **Evidence-Based Clinical Practice Points for the Management of Venous Ulcers.** Ravul Jindal, D B Dekiwadia, Pinjala Rama Krishna, Ajay K Khanna, Malay D Patel, Shoiab Padaria, Roy Varghese. Indian Journal of Surgery. 15 Jan 2018
3. **Incidence of Venous thromboembolism in Asian populations: a systematic review.** Lai Heng Lee, Ravul Jindal, Chen Wang, Chau-Chung Wu, Alender Gallus. PB2141
4. **Outcome after pancreatic necrosectomy: trends over 12 years at an Indian centre.** Mettu S. Reddy, Ravul Jindal, Rajesh Gupta, Thakur D. Yadav and Jai Dev Wig. ANZ J Surg; 76: 704.
5. **Splenic pathologies in Klippel- Treunaunany syndrome-** Jindal R, Cheshire NJW. J Vasc Surg. 2006 Apr; 43(4):848-50.
6. **Cystic adventitial disease of the ileofemoral artery: review-** Jindal R, Majed A, Hamady M, Wolfe JHN. Vascular 2006 (In print)
7. **Extremity vascular trauma in civilian population: a seven-year review from North India.** Menakuru SR, Behera A, Jindal R, Kaman L, Doley R, Venkatesan R. Injury 2005 Mar; 36(3): 400-6.
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15. **Vascular complications of drug abuse: an Indian experience.** Original paper. Behera A, Menakuru SR, Jindal R. ANZ J Surg. 2003 Dec; 73(12): 1004-7.
16. **Computed tomography in Acute Pancreatitis-** Wig JD, Kalra N, Suri S, Gupta R, Jindal R. Surgical Journal of North India 2002; 18(1): 47-54.
17. **Ileo-Appendiceal Endometriosis – a rare cause of acute small bowel obstruction-** Jindal R, Singh R, Kaman L, Behera A. Surgical Journal of North India 2002; 18(2): 74-76.
18. **Comparison of the clinical profile and outcome for Squamous cell Carcinoma and Adenocarcinoma of the Distal Esophagus and Cardia in India-** Original paper. Gupta NM, Jindal R, Prakash O, Gupta R and Bhasin DK. Surg Today 2001; 31: 400-404.
19. **External duodenal fistula following surgical closure of Duodenal ulcer perforation-** Narasimhan R, Jindal R, Kaman L, Behera A, Singh R, Katariya R N. Surgical Journal of North India 2001; 17 (1): 12-15.
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21. **Soft tissue tumour of the stomach-** self assessment- Jindal R, Singh R, Badotra R, Gupta K. Surgical Journal of North India 2001; 17(2): 74-75.
22. **Executive Summary: A Consensus Statement - Part I: Recommendations for the Management of Chronic Venous Disease (CVD) in India and Key Role of Primary Care Doctors. [In National (JAPI) and International (Phlebological reviews- 2016) journals on Chronic Venous Disease]-** Dekiwadia DB, Jindal R, Varghese R, Bedi HS, Padaria S, Patel MD, Agarwal S, Saravanan S, Rao UV, Pinjala R, Singh G.

## BOOK CHAPTERS

1. **Endovascular options in infrarenal aortic occlusion and aortic bifurcation disease-**

- Jindal R, Hamady M. In print 2006
2. **Redo vascular intervention for infrainguinal arterial surgery:** Jindal R, Wolfe J. In print 2006
  3. **Hospital Doctors:** Jindal R, Jenkins M. In print Dec 2005
    - a. **Chronic leg ischaemia**
    - b. **Carotid artery disease**
    - c. **Varicose veins**
    - d. **Aortic aneurysms**
    - e. **Diabetic foot**
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  4. **Mycotic Aneurysms.** Jindal R, Jenkins M. In: Rare vascular disorders- a practical guide for vascular specialist. JVRG, Chapter 33, 2005: 237-244.
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  6. **Subclavian and Axillary artery stenosis - vascular options.** Jindal R, Wolfe J. In: Towards vascular and endovascular consensus. Charing Cross symposium Book by Prof Greenhalgh RM. 2005; 78-92.
  7. **Pancreatic Necrosectomy-** How I do it- Wig JD, Jindal R. In: Clinical surgery- a comprehensive update. J D Wig Ed. Azad Offset Printers. 2001: 194-204.
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  9. **Cancer- Barriers and Bridges-** Jindal R, Wig JD. In: Clinical surgery- a comprehensive update. J D Wig Ed. Azad Offset Printers. 2001: 418-437.
  10. **Venous Disorders: Current Concepts:** Jindal R, Khanna A J. 1510 Springer SBM Singapore Pte Ltd. Spriger-C-CTP-09/2015.

## OPERATIONS AND PROCEDURES

Competent in Pre and Postoperative care including Critical Care Patient management. Confident in performing minor, intermediate and major vascular surgery operations independently.

1. **Arterial surgery** - Aortic surgery (specialize in complex aortic cases including type 2, 3, 4 throacoabdominal aortic aneurysms), carotid surgery, emergency, peripheral arterial especially distal bypasses to crural arteries, portal hypertension surgery, vascular trauma, Endovascular Aortic Aneurysms Repair (EVAR), Thoracic Aneurysm Repair (TEVAR), carotid aneurysm, endarterectomy, carotid stenosis, Arterial trauma surgery, chemo port, uterine artery embolisation, erectile dysfunction.
2. **Endovascular surgery** - Thoracic and abdominal aortic stenting, peripheral vascular interventions including angioplasty and stenting.



3. **Venous** – Inferior Vena Cava interventions, endovascular laser treatment and foam sclerotherapy, radio-frequency of varicose veins, laser ablation of varicose veins, venous reconstructions, venous malformation, central venous angioplasty, Deep Venous Thrombosis, thrombolysis, pulmonary embolism, post thrombotic syndrome, venous angioplasty and stenting, Arterio-Venous malformation, embolization, lymphedema.
4. **Dialysis Access**- Dialysis Line insertion and removal, Permacath insertion and removal, Arterio Venous (AV) fistula, Arterio Venous (AV) graft, Cephalic Vein Transposition (CVT), Basilic Vein Transposition (BVT), Fistuloplasty
5. **Diabetic Foot Care**- Counselling, neuropathy assessment, Ankle Brachial Pressure Index, foot scan, foot pressure therapy, medical management, surgical debridement, negative pressure dressings, surgical dressings, podiatric care, footwear consultants, anodyne therapy.

## TEACHING

1. Faculty for Basic surgical training (Royal college of surgeons of England, London) - Nov 2004 and Nov 2005 and Specialist registrar training (RCS England) June 2005.
2. Teaching senior house officers and medical students of the Imperial College, London 2003-2006.
3. Involved in teaching of (both theory and surgical techniques) to the undergraduates, postgraduates under training for Master's of Surgery examination and Nursing staff at PGIMER, Chandigarh.
4. Involved in the surgical training of the Physiotherapist (Bachelors of Physiotherapy) course and conduct their surgical examination.

## SKILLS AND LANGUAGES

Computer – Word, WordPerfect, Excel, PowerPoint, Basic and SPSS version 10

Languages – Fluent in Hindi, Punjabi and English

## REFERENCES

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