

Dr Sanjay Nadkarni



Dr Sanjay Nadkarni *MBBS, FRANZCR, FRCR, MRCP, FCP, DA.*
Interventional Radiologist Sir Charles Gairdner Hospital – Consultant since 2002
Director Endovascular WA – Established 2005
Director New Life Clinic (formerly Sundari Medi Spa)- Established 2009

Dr Nadkarni's vision is to provide Western Australia with a comprehensive, minimally invasive vascular and interventional radiology service.

Undergraduate Qualifications

MBBS- 1992 UWA

Post Graduate Qualifications

Anaesthetics -DA(Lond)(Diploma of Anaesthetics)1995

Medicine MRCP (Edin) (Member of the Royal College of Physicians) 1996

Radiology FRCR (Lond) (Fellow of the Royal College of Radiologists) 1999

FRANZCR- (Fellow of the Royal Australian and New Zealand College of radiologists) 2000

Fellowship in Cross sectional Imaging Princess Alexandra Hospital, Brisbane - 2000

Phlebology FCP (Fellow of the College of Phlebology) 2012

INVITED SPEAKER AT THE FOLLOWING MEETINGS

ACP (Australian College of Phlebology) Convenor; Dr Kurosh Parsee and Scientific Coordinator; Dr David Connor- Since 2010

IRSA (Interventional Radiology Society of Australia)-Various previous convenors including Dr James Burns, Prof. Tim Buckingham, Dr Greg Van Schie -since 2006

VERVE (Vascular and Endovascular Education)-Convenor- Assoc. Prof Ramon Varcoe- since 2016

ANZSVS (Australia and NZ society of Vascular Surgery) Convenor –Dr Carsten Ritter- since 2017

APSCVIR (Asia Pacific Society of Vascular and Interventional radiology)Convenor – Prof Andrew Holden- 2018

UIP (Union International phlebology)-Co convenor-Dr Kurosh Parsee- 2018

KSVS (Korean Society of Vascular Surgery)-Invitation from Boston Scientific to present data on the Eluvia Drug Eluting Stent -2018

Various other local and national meetings, training seminars and symposiums- since 2002

PUBLICATIONS

The StarClose vascular closure device in antegrade and retrograde punctures: a single-center experience

Chiu, Albert Ho Yuen; Coles, Simon Richard; Tibballs, Jonathan; Nadkarni, Sanjay; NLM. **Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists** 17.1: 46-50. (Feb 2010)

Comparison of arterial closure devices in antegrade and retrograde punctures

Chiu, Albert Ho Yuen; Vander Wal, Ross; Tee, Kenneth; Knight, Roslyn; Coles, Simon Richard; et al. **Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists** 15.3: 315-21. (Jun 2008)

CT virtual intravascular endoscopy in the visualization of fenestrated stent-grafts

Sun, Zhonghua; Allen, Yvonne B; Nadkarni, Sanjay; Knight, Roslyn; Hartley, David E; et al. **Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists** 15.1: 42-51. (Feb 2008)

Treatment of a large type II endoleak via extraperitoneal dissection and embolization of a collateral vessel using ethylene vinyl alcohol copolymer (Onyx)

Ling, Adrian J; Pathak, Rajiv; Garbowski, Marek; Nadkarni, Sanjay; NLM. **Journal of vascular and interventional radiology: JVIR** 18.5: 659-62. (May 2007)

Digital embolization due to partially uncovered left subclavian artery post TEVAR: management with amplatzer vascular plug occlusion

Chaudhuri, Arindam; Tibballs, Jonathan; Nadkarni, Sanjay; Garbowski, Marek; NLM. **Journal of endovascular therapy: an official journal of the International Society of Endovascular Specialists** 14.2: 257-9. (Apr 2007)

Outcomes of fenestrated endografts in the treatment of abdominal aortic aneurysm in Western Australia (1997-2004)

Semmens, James B; Lawrence-Brown, Michael M D; Hartley, David E; Allen, Yvonne B; Green, Roslyn; et al. **Journal of endovascular therapy : an official journal of the International Society of Endovascular Specialists** 13.3: 320-9. (Jun 2006)

Cystic adventitial disease: a case report and literature review

Vasudevan, Arvind; Halak, Moshe; Lee, Steven; Ong, Solomon; Nadkarni, Sanjay; et al. **ANZ journal of surgery** 75.12: 1120-2. (Dec 2005)

Placement of a retrievable Günther Tulip filter in the superior vena cava for upper extremity deep venous thrombosis

Nadkarni, Sanjay; Macdonald, Sumaira; Cleveland, Trevor J; Gaines, Peter A; NLM. **Cardiovascular and interventional radiology** 25.6: 524-6. (Nov 2002 - Dec 2002)

Herniography: A prospective, Randomised Study between Midline and Left Iliac Fossa Puncture Techniques. S. Nadkarni, P.W.G. Brown, E.J.R. Van Beek, M.C. Collins. *Clinical Radiology* May 2001.

ACCEPTED FOR PUBLICATION- IN PRINT

Aspiration thrombectomy versus conventional catheter-directed thrombolysis as first-line treatment for non-iatrogenic acute lower limb ischaemia. Kwok et al , *JVIR* 2018

POSTERS

Herniography: Poster at the UKRC. May 2000.

Chordoma: Clinicopathological correlation. Poster at RCR meeting, London, September 2001.

Cystic Adventitial Disease. Poster at RANZCR meeting, Brisbane, Australia 2003.

Fenestrated Stent Grafting of AAA review- Award winning poster at 2005 CIRSE meeting in Cannes, France

Uterine Artery Embolisation- pregnancy following procedure- Poster at RCR meeting

Embolisation of a splenic artery aneurysm using Onyx: a case report. Arindam Chaudhuri, Roslyn Green, Sanjay Nadkarni

A Review of Minimally Invasive Techniques for the Treatment of Lower Extremity Varicose Veins – Award winning poster at the RANZCR meeting – 2015 Adelaide, American Roentgen Ray Society (ARRS)- Los Angeles 2016

PRESENTATIONS AT INTERNATIONAL AND NATIONAL MEETINGS

2006-2018 Several presentations on

Latest trends in treatment of varicose veins including Endovenous Laser Ablation (EVLA), Ambulatory Phlebectomy, Ultrasound guided Foam sclerotherapy, Micro sclerotherapy, Medical Adhesives (cyanoacrylates)

Pelvic Congestion Syndrome

Pelvic Venous incompetence

Pelvic Vein Anatomy

Uterine Artery Embolisation

Ovarian Vein Embolisation

Varicocele Embolisation

Percutaneous Aspiration Thrombectomy

At

IRSA (Interventional Radiology Society of Australia),

ACP (Australian college of Phlebology),

RANZCR (Royal Australian and NZ College of Radiology),

VERVE (Vascular and Endovascular education),

ANZSVS (Australian and NZ Society of Vascular Surgery),

UIP (Union international Phlebology),

APSCVIR (Asia pacific Society of Cardiovascular and Interventional Radiology),

KSVS (Korean Society of Vascular Surgery)

Presentations prior to 2006

Portal vein Embolisation. Presented in conjunction with Peter Gaines at the 2nd UK Interventional Course in Edinburgh. June 2001.

Fenestrated Stent Grafting of AAA. Presented at SIR(Society of Interventional Radiology) meeting Phoenix(USA)March 2004,Toronto(Canada) March 2006, CIRSE(Cardiovascular and Interventional Society of Europe) meeting in Barcelona, Spain in September

2004,IRSA(Interventional radiology society of Australia) meeting in Borneo. July 2004, Queenstown (NZ) August 2005

Endovascular techniques in Thoracic Stent Grafting. Presented at RACS (Royal Australian College of Surgeons) meeting. May 2005

Superficial Femoral Artery stenting and angioplasty-A single center experience: Cordis Endovascular SFA symposium, Cairns, Australia. September 2006

Peripheral Embolisation using ONYX –IRSA meeting Queenstown (NZ) August 2005, RACS (Royal Australian College of Surgeons) meeting Cairns, Queensland. September 2006

AUDIT PROJECTS

Value of upper abdominal ultrasound in children presenting with non-specific abdominal pain. Presented at Audit meeting Sheffield Children's Hospital 1997.

Does Graft surveillance have an influence on patient outcome after vascular surgery? Presented at vascular radiology and surgery audit meeting 1998.

The adequacy of viewing boxes in the radiology department. Presented at Royal Hallamshire Hospital audit meeting 1999.

Complications in Vascular radiology. May 2001

Superficial Femoral Artery patency following Angioplasty and Stenting. Ongoing since January 2002

Percutaneous Closure devices-complications, success rates Ongoing since 1998

Diagnostic Femoral Angiography-complications, diagnostic power, effects on renal function– Presented at local Interventional Radiology meeting 2005

CT Angiography-Diagnostic ability, radiation dose and effects on renal function- 2005

TEACHING

Fellows in interventional radiology –Ongoing since January 2002

Radiology registrars – FRCR/FRANZCR teaching in the form of lectures, tutorials and film viewing, Ongoing since 1998

Medical and surgical registrars - FRCP and FRCS candidates, tutorials and film viewing, Ongoing since 1996

Medical students - Film viewing for final exams, Ongoing since 1998

Nurses –Radiology, ED,ITU and CCU nurses, interpretation of Chest x-rays, Ongoing since 1998

Allied Health Professionals-Physiotherapy, Occupational Therapy Ongoing since 1998

GP's- Several Educational meeting on Endovascular procedures, Image Guided Pain management including Radiofrequency Neurotomy, Orthobiologics (PRP, Hyaluron,Autologous mesenchymal stem cells, Factor 4) injectables

MEETINGS AND COURSES ATTENDED FOR RADIOLOGY, INTERVENTIONAL RADIOLOGY AND PHLEBOLOGY

2007-2018

Numerous IRSA (Interventional Radiology Society of Australia), ACP(Australian College of Phlebology),GEST(Global Embolisation Symposium),VERVE (Visionary Endovascular and Vascular Education) and ANZVS(Vascular surgery meetings), UIP(World congress of Phlebology), APSCVIR (Asia Pacific Society of Cardiovascular and Interventional Radiology

2001-2007

2007 SIR (Society of Interventional Radiology)-Seattle, USA

2006 SIR –Toronto, Canada

2005 SIR New Orleans, USA.

2004 SIR Phoenix, USA

2004 Cordis endovascular symposium on SFA disease management-Cairns, Australia

2005 Cordis Carotid workshop-Melbourne, Australia

2006 Cordis Carotid workshop-Adelaide, Australia

2005 Leipsig Interventional Course (LINC)-Germany

2005 RACS (Royal Australian College of Vascular Surgeons) conference-Cairns, Australia

2002- Current IRSA (Interventional radiology society of Australia)-Queenstown, New Zealand

2002- Current IRSA-Borneo, Cairns, Bali

2003 IES (International Endovascular Symposium) -Sydney, Australia

2004 CIRSE (Cardiovascular and Interventional radiology society of Europe) - Barcelona, Spain

2003 CIRSE - Anatalya, Turkey

2003 PCR (Paris course on revascularisation), Paris, France

2003 Vascular 2003, Melbourne, Australia

2001 Gleneagles CT/MRI course. Gleneagles, Scotland

PRE 2001

Charing Cross International Symposium on endovascular techniques. London, UK

British Society of Skeletal Radiologist refresher course on Bone and Joint radiology. Manchester, UK

RCR day seminar on radionuclide radiology. London, UK

2nd UK Interventional Course. Edinburgh, Scotland

GET meeting-. Monaco.

2000 Gold Coast Cross Sectional Conference-Gold Coast, Australia

1999 Seminars in Pulmonary Radiology, Royal Brompton Hospital-London, UK

1998 Role of the plain abdominal radiograph in the the acute abdomen, Kent and Canterbury Hospital-UK

The Sheffield Interventional Radiology course, Northern General Hospital-UK

The Hull Trauma Radiology course, Hull Royal Infirmary-UK

Radiology of Bones and Joints, Royal National Orthopaedics Hospital, Middlesex-UK

1997 Royal London Hospital FRCR part 1 course-UK

Society of Radiologists in Training, Stratford upon Avon-UK

UNDERGRADUATE TRAINING

UWA- 1986-1992

Positions held at UWA

Faculty of Medicine Sports representative- 1989

Faculty of Medicine student representative on UWA School of Medicine Executive-1990

Faculty of Medicine Cricket captain- 1990-91

UWA Cricket Club –A grade 1989-91

POSTGRADUATE TRAINING

1992 INTERNSHIP RPH (Emergency Medicine, Internal Medicine, General Surgery(Bunbury), Orthopaedic Surgery

1993 RESIDENT RPH (Intensive Care, Emergency Medicine (Kalgoorlie Regional Hospital), Leave relief

Positions held at RPH

Chairman of Social Committee- RPH RMO society

Supporting actor in RPH Review

1994 General Practice Physician in Fitzroy Crossing (Jan – April)

1994 Resident Medical Officer (RMO) In Anaesthetics and Intensive Care; Musgrove Park Hospital, Taunton, Somerset, UK

1995-1996 RMO in General medicine, Anaesthetics and Intensive Care; Derby City Hospital –UK

1996-1999 Registrar in Radiology, Sheffield, UK

2000 Fellow in Cross sectional Imaging and Interventional Radiology; Princess Alexandra Hospital, Brisbane Queensland, Australia,

2001 Senior Registrar in Vascular and Interventional radiology- Sheffield Vascular Institute, Sheffield, UK

2002-current Consultant Interventional Radiologist Sir Charles Gairdner Hospital, Perth, WA

Position held at SCGH

2004-2006 Radiology representative on SCGH Clinical Association

2002-2012 Director and partner Stirling Radiology, Perth, Australia

2009-2016 Director and founding Partner Imaging Central, Perth, Australia

2005 current Director and Consultant Interventional radiologist Endovascular WA

2009 current Consultant New Life Clinic WA

SCOPE OF PRACTICE

- The comprehensive minimally invasive management of varicose veins using EVLA(Endovenous laser ablation),Ambulatory Phlebectomy(AP) and Ultrasound guided foam sclerotherapy(UGFS), Microsclerotherapy and use of medical adhesives (cyano acrylate).

Having done over 2000 cases he is an invited speaker at various national and international meetings on the subject.

- Endovascular management of visceral (renal and mesenteric) and peripheral arterial disease using angioplasty, stenting and atherectomy as a day case or an overnight stay procedure.
- Venous access procedures including Infusaports, PICC lines, Dialysis access (Hickman lines) and endovascular dialysis fistula management.
- Management of varicocoeles and ovarian vein incompetence/ pelvic congestion syndrome using gonadal vein embolisation done as a day case.
- Management of acute haemorrhage (GI,Trauma,Visceral Aneurysm,Haemomptysis) using embolisation
- Management of uterine fibroids using uterine artery embolisation.
- Management of Benign Prostatic Hyperplasia using Prostate Artery embolization as a day case
- Acute back pain management using CT guided Epidural, Nerve root sleeve and facet joint injections.
- Acute Musculoskeletal pain management using Ultrasound and CT guided bursa and joint injections.
- Management of Acute renal and hepatic obstruction using nephrostomy and biliary drainage respectively

- Use of Hyaluron, Platelet Rich Plasma (PRP), Factor 4, Autologous Bone marrow derived mesenchymal stem cells to treat degenerative joint and soft tissue conditions including tendinopathy.