CURRICULUM VITAE

Associate Professor ANDREW HOLDEN

MBChB, FRANZCR

Qualifications:

• MBChB Otago University 1984

• FRANZCR 1993

- Member of IRSA (Interventional Radiological Society of Australasia 1996)
- Director of Ultrasound Imaging, Auckland Hospital (1996 2002)
- Director of Body Imaging and Interventional Services, Auckland City Hospital (2002 -)
- Associate Professor of Radiology, Auckland University School of Medicine (2005 -)
- Examiner: FRANZCR Part 2 Examinations 2003-2012
- European Board of Interventional Radiology EBIR 2014
- President-Elect APSCVIR 2016-2018

Good Clinical Practice (GCP) Training:

- GLCC 24/04/13
- TransCelerate 27/09/15

Employment History:

Currently Director of Interventional Radiology, Auckland Hospital

- Radiology Registrar, Auckland Area Health Board 1989 1993
- Staff Radiologist, Middlemore Hospital 1993 1994
- Fellow Interventional Radiology and MRI. Royal Perth Hospital July 1994 July 1995
- Staff Radiologist (part-time), Royal Perth Hospital July 1995 Dec 1995
- Staff Radiologist, Auckland Hospital Jan 1996-
- Associate Professor of Radiology, Auckland University School of Medicine 2005-
- Director of Interventional Radiology, Auckland Hospital 2002 –
- Co-Director Vascular Intervention Research 2008 -

Positions Currently Held:

- National Representative, Interventional Radiology Society of Australia (IRSA)
- National Representative, Asia-Pacific Society of Cardiovascular and Interventional Radiology (APSCVIR)
- Member, Royal Australian and New Zealand College of Radiologists (RANZCR)
- Member, Cardiovascular and Interventional Radiology Society of Europe (CIRSE)

Research Activities

ABSORB BTK Study: A prospective, multi-centre, controlled clinical evaluation of the use of a bioresorbable drug eluting stent (Absorb, Abbott Vascular) in the arterial vasculature below the knee (16/STH/213)

ADVANCE: Clinical Evaluation of the Advance 35 Scoring PTA Balloon Dilatation Catheter (ADVANCE) 13/NTA/160

ANCHOR: Aneurysm Treatment using the Aptus™ Heli-FX™ EndoAnchor System Global Registry. Registry (HDEC not required)

AORFIX FIH: Aorfix™ Generation IV Delivery System "IntelliFlex™" Study 15/NTA/129Aorfix

ARCHYTAS: AAA Registry: Clinical outcomes of Highly angulated anatomY Treated with the Aorfix Stent graft (Registry, HDEC not required)

ATAD: Ethnic Variation in the incidence of Thoracic Aortic Dissection (Audit, HDEC not required)

AVess FIH Study: A Prospective, Multi-Centre, Single-Arm Study to Assess the Safety and Performance of the Surmodics Drug Coated Balloon in the Treatment of Subjects with Obstructive Lesions of the Ateriovenous Fistulae for Hemodialysis, including Native or Synthetic Grafts. 18/NTB/210

Bayer SEARCH Trial. A phase 3 RCT comparing Sorafenib plus Erlotinib to Sorafenib plus placebo in patients with advanced heptocellular carcinoma. Role: National Co-PI

Bayer SHARP Trial. A multi-national, multi-centre phase 3 randomized controlled trial of sorafenib versus placebo in patients with advanced hepatocellular carcinoma. Role: National Co-PI

Bayer STORM Trial. A phase 3 RCT comparing Sorafenib to placebo as an adjunct to resection or ablation in patients with heptocellular carcinoma. Role: National Co-PI

BBAVF: A Randomized multicenter trial of outcomes of the brachio-basilic fistula: one stage vs two stage procedure (14/NTA/48)

BeGraft CERAB: Covered endovascular reconstruction of aortic bifurcation for extensive aortoiliac occlusive disease. Registry (HDEC not required)

BOLSTER: A Prospective, Multi-Centre, Non-Randomised, Single-Arm Study of the BARD LIFESTREAM Balloon Expandable Vascular Covered Stent in the Treatment of Iliac Artery Occlusive Disease 14/NTA/98

CARDIVA Champion First in Man Trial. Percutaneous closure device trial Role: PI

CORAL (Cardiovascular Outcomes in Renal Atherosclerotic Lesions) Trial. NHI funded multinational, multi-centre trial investigating renal artery revascularization. Role: National PI

CHOCOLATE FIH: Evaluation of the Chocolate Balloon Catheter for Percutaneous Transluminal Revascularization of Infrainguinal Arterial Disease NTX/10/10/104

CHOCOLATE DRUG ELUTING BALLOON: A First in Human Evaluation of the Drug-Coated Chocolate Balloon for Percutaneous Transluminal Revascularization of Infrainguinal Arterial Disease. 12/NTA/53

CHOCOLATE TOUCH: A Randomized Trial to confirm the Safety and Effectiveness of Chocolate Touch™ Paclitaxel Coated PTA Balloon Catheter, in Above the Knee Lesions (16/NTA/96)

CRUX RETRIEVE IVC Filter Trial. A multi-national, multi-centre first in man trial of a new IVC filter. Role: National PI

DEsappear: The Drug Eluting Scaffold with an absorbable platform for primary lower extremity arterial revascularization study (16/NTA/83)

EMBA EPED: EMBA Peripheral Embolisation Device Study 14/NTA/185

Endologix Nellix CE study: The Nellix Endovascular Sealing System for the Treatment of Infrarenal Abdominal Aortic Aneurysms. NTX/08/10/099

Endologix Nellix Long Term Study: Long term Follow up study of the Nellix endovascular system for the treatment of abdominal aortic or aortoiliac aneurysms. NTX/11/EXP/069

Endologix EVAS Audit: Seven centre, physician-initiated, retrospective audit of early experiences with the Nellix device, since commercialisation in March 2013. (Audit, HDEC not required)

Endologix Chimneny-EVAS: Physician Initiated Audit of Chimney EVAS Procedures. (Audit, HDEC not required)

Endologix EVAS GLOBAL: Multi-centre, Observational, Post-Market, Real World Registry to Assess Outcomes of Patients Treated with the Nellix System for Endovascular Abdominal Aortic Aneurysm Repair (Registry, HDEC not required)

Endologix VAS-TIENS: \underline{T} ype \underline{I} a \underline{E} ndoleak after \underline{N} ellix EVAS: Imaging observations and implication for follow up, early detection and treatment (TIEN-study) (Audit, HDEC not required)

Endologix Ch-EVAS II: Assessment of stent deformity in patients who have received Chimney Endovascular Aneurysm Sealing with the Nellix device. Audit (HDEC not required)

Endologix Ch-EVAS MIGRATION: The incidence of migration after elective ChEVAS. 19/CEN/6

Endologix INSPIRE Trial: Comparative study on the Inflammatory Response after Endovascular Aortic Aneurysm Repair and Endovascular Aneurysm sealing. 18/CEN/231

ENGAGE: The ENGAGE Study: Endurant Stent Graft Natural Selection Global Postmarket

Resgistry. A mulit-centre, post-market, non-interventional, prospective study NTX/09/06/050

EXPEDITE: Paclitaxel coated Peripheral Stents used in the Treatment of Femoropopliteal Stenoses (16/NTB/205)

FLEXSTENT (Flexible Solutions) First in Man Stent Trial. 3rd Generation nitinol stent in the SFA Trial. Role: Principal Investigator (PI)

GREAT – Global Registry for Endovascular Aortic Treatment (Registry, HDEC not required)

IceBurg Registry: Multicentre observational post market real world registry to assess outcomes of patients treated with the Gore Excluder Iliac Branch Endoprothesis

ILLUMENATE GLOBAL: Prospective, SingLe-Arm, Global Multi-Center Study to EvalUate TreatMent of Obstructive SupErficial Femoral Artery and/or Popliteal LesioNs With A Novel PacliTaxel-CoatEd Percutaneous Angioplasty Balloon 13/NTA/84

ILLUMENATE PK: Prospective, Non-Randomized, Single Arm, Multi-Centre, Pharmacokinetic Study for the Treatment of Subjects Presenting with De Novo Occluded/Stenotic or Re-Occluded/Restenotic Lesions of the Superficial Femoral or Popliteal Arteries Using a Paclitaxel-Coated Percutaneous Transluminal angioplasty balloon catheter 13/NTA/59

IMPERIAL: A randomized trial coMParing the ELUVIA™ dRug-eluting stent versus Zilver® PTX® stent for treatment of superficiAL femoral and/or proximal popliteal arteries. 15/NTA/183

MAJESTIC: Stenting of the Superficial Femoral and/or Proximal Popliteal Artery Project with Boston Scientific's Innova drug eluting stent. 13/NTA/70/AM04

MRA QISS vs CEMRA: Comparison of QISS versus CEMRA at 3T (HDEC not required)

NEAT: "Novel Endovascular Access Trial" (NEAT): A Study of the FLEX System for Percutaneous AV Fistula Creation in Hemodialysis Patients 14/NTA/151

NEXUS: The NEXUS Aortic Arch Stent Graft System Data Collection Study for Compassionate-Use Procedures (Registry – HDEC not required

PRELUDE: Prospective study for the treatment of atherosclerotic lesions in the superficial femoral artery (SFA) and /or popliteal artery using the Serranator device. (16/NTA/164)

PQ BYPASS: PQ Bypass Systems for Femoropopliteal Bypass 13/NTA/145

PQB CE: PQ Bypass Systems for Femoropopliteal Bypass II (15/NTA/87)

ReLeaf: A Feasibility Study of the InterVene ReLeaf Catheter System in the Creation of Tissue Leaflets in the Femoral and/or Popliteal Vein. 15/NTA/73

Serranator PRELUDE BTK: Prospective study for the treatment of atherosclerotic lesions in the Infrapopliteal Arteries using the Serranator® device. 18/NTB/173

SHIELD: A Multi-centre, Parallel, Blinded, Randomized Comparison of the Safety and Efficacy of Balloon Angioplasty Plus Intraluminal SBCV To Balloon Angioplasty Alone for Treatment of Stenosis or Occlusion with the Femoropopliteal Artery 15/NTA/70.

SHOCKWAVE FIH: Safety and Feasibility Study of the Shockwave Lithoplasty™ System; A First in Human Study. NTX/12/05/046

SHOCKWAVE CE: Safety and Performance Study of the Shockwave Lithoplasty System 14/NTA/26

SHOCKWAVE DISRUPT: Shockwave LithoplastyTM DISRUPT Trial for PAD. 15/NTA/34

SHOCKWAVE BTK (16/STH/163)

SHOCKWAVE DISrupt PAD III: Randomized study of the Shockwave Medical Peripheral Lithoplasty system followed by drug-coated balloon (DCB) versus DCB with standard balloon pre-dilatation in moderate to severely calcified femoropopliteal arteries (16/STH/164)

SIRTEX SIRFLOX Trial. A multi-national, multicentre RCT evaluating patients with hepatic metastases from colo-rectal primary treated with catheter delivered selective internal radiation. Role: Local Co-PI

SPRINT: An Evaluation of the 480 Biomedical STANZA Drug-Eluting Resorbable Scaffold (DRS) System in the Treatment of de novo SFA Lesions 13/NTA/113

STANCE: A Safety Assessment of the 480 Biomedical Bioresorbable Scaffold System in the Treatment of de novo Lesions NTX/11/08/078

TETHERX: The Tetherx Natural Vascular Scaffolding (NVS) Treatment for Femoropopliteal Atherosclerosis: A First in Human Study (FIH). NTX/11/04/027

TOBA-BTK: Prospective, Multicenter Tack Optimized Balloon Angioplasty Below The Knee (TOBA - BTK) Study for the Infrapopliteal Arteries using the Tack-It Endovascular System 14/NTA/25

TRANSCEND: The Randomized And Controlled Non-inferiority Trial to Evaluate Safety and clinical Efficacy of the SurVeil™ Drug-Coated Balloon in the Treatment of Subjects with Stenotic Lesions of the Femoropopliteal Artery Compared to the Medtronic IN.PACT® Admiral® Drug-Coated Balloon. 18/NTA/121

VERITAS: An Evaluation of the Veniti Vidi Retrievable Inferior vena cava filter system for patients at risk for pulmonary embolism. 12/NTA/78

Ventana: Prospective, Multicentre, Single Arm Feasibility and Safety study of the Endologix Fenestrated Stent Graft System for the Endovascular Repair of Juxtarenal/Pararenal (JAA/PAA) Aneurysms. NTX/10/08/081

VIABAHN: Feasibility Evaluation of the GORE VIABAHN BALLOON EXPANDABLE (VIABAHN BX) for the treatment of Occlusive Disease in the Common and External Iliac Arteries.

13/NTA/166

VITAL ACCESS First in Man Trial. A single centre first in man trial of a new device to facilitate access to dialysis fistulae. Role: Local Co-PI

 ${\it ZILVER\ PTX:}\ The\ Performance\ of\ the\ Zilver\ PTX\ Stent\ Thumbwheel\ Delivery$

System. 14/NTA/50

Book Chapters

1. Chapter 63 – "Acute Renal Ischemia" (pages 725-732)

In: "Image Guided Interventions – Editors: Mauro MA, Murphy KPJ, Thomson KR, Venbrux AC, Zollikofer CL.

2008 published by Saunders (an Imprint of Elsevier Inc)

2. Chapter 5 – Patient-Specific Hemodynamic Analysis for Proximal Protection in Carotid Angioplasty

Harvey Ho, David Ladd, Andrew Holden, and Peter Hunter
Computational Biomechanics for Medicine – Editors: K. Miller, P.M.F. Nielsen
2010 published by Springer Science+Business Media, LLC 2010

Chapter1.14 – Vascular imaging: principles and practice
 Andrew Holden, Brigid Connor, Stephen Merrilees, Zubayr Zaman
 Oxford Textbook of Vascular Surgery – Managing Editor: M. Thompson

 2016 published by Oxford University Press

Posters

1. Snape S, Dirkzwager I, Merilees S, Holden A. "SPIO Enhanced MRI of Splenosis and Splenunculi – A Modern Approach to a Diagnostic Dilhemma"

RANZCR ASM Melbourne, Australia, October 2007

Peer Reviewed Journal Publications

1. Shaw J, Holden A "Thyroid Lymphoma"

Br J Surg (1989), 895 – 97

2. Holden A, List A, Extratesticular Lesions: A radiological and pathological correlation"

Aus Rad (1994) 38, 99-105

(Article highlighted in 1995 Mosby Yearbook of Ultrasound)

- 3. Holden A "Non-functional malignant extra-adrenal retroperitoneal paraganglioma" Aus Rad (1995) 39, 392 -95
- 4. Holden A, "The role of colour and duplex Doppler ultrasound in the assessment of thyroid nodules"

 Aus Rad (1995) 39, 343 49
- 5. Holden A, Adler B, Song S. "Bilateral vertebral artery tortuosity with concomitant vertebral erosion; CT and MRA findings

Aus Rad (1996) 40, 65 – 67

6. Holden A, Mendelson R, Edmonds S "Preoperative staging of gastro-oesophageal junction carcinoma; comparison of endoscopic ultrasound and CT"

Aus Rad (1996) 40 (3) 206 – 212

- 7. Wambeek N, Cameron D, Holden A. "Intramural aortic dissection"

 Aus Rad (1996) 40 (4) 442 446
- 8. Holden A, Anderson J, Ives F et al "Breast MRI Early experience with a 3-D fat suppressed GE sequence in the evaluation of breast lesions"

Aus Rad (1996) 40 (4) 391 – 397

9. Gordon MK, Lawrence-Brown MMD, Holden et al "A self-expanding endoluminal graft for treatment of aneurysms: results through the development phase"

The Australian and New Zealand Journal of Surgery (1996) 66 (0) 621 – 625

10. MacSweeney ST, Holden A, Hartley D, Lawrence-Brown M "Endovascular repair of Subclavian artery aneurysm"

J Vasc Surg (1996) 24 (2) 304-5

11. Lawrence-Brown MM, Hartley D, MacSweeney ST, Kelsey P, Ives FJ, Holden A, Gordon M, Goodman MA, Sieunarine K. "The Perth endoluminal bifurcated graft system – development and early experience"

J Cardiovascular Surgery (1996) 4 (6): 706-12

- 12. Holden A, Khangure M, Robins P "Thoracic chordoma mimicking a neurogenic tumour"

 Aus Rad (1998) 42: 385-387
- 13. Holden A, Ferrar D. "Spontaneous Arterial Thrombosis in association with Pancreatic Carcinoma: Diagnosis and Interventional Management"

Aus Rad (1998) 42: 236 - 237

14. Moore HM, List A, Holden A, Osborne TM. "Therapeutic embolization for acute haemorrhage in the abdomen and pelvis"

Aus Rad (2000) 44: 161-68

15. Holden A. "The value of narrow CT window settings in the recognition of subtle acute aortic intramural haematoma"

Aus Rad (2000) 44: 128-29

16. Holden A, Hope JKA, Osborne M, Moriarty M, Lee K. "Value of a contrast agent in equivocal carotid ultrasound studies; pictorial essay"

Aus Rad (2000) 44: 253-60

- 17. Hamill J, Holden A, Paice R, Civil I. "Pelvic fracture pattern predicts pelvic arterial haemorrhage"

 Aust NZ J Surg (2000) 70 (5): 338 43
- 18. Baillie M, Holden A. "Inflammatory pseudotumour of the liver"

 Aus Rad (2001) 45: 335 37
- 19. Choy PY, Koea J, McCall J, Holden A, Osborne M. "The role of radiofrequency ablation in the treatment of primary and metastatic tumours of the liver: initial lessons learned."

NZ Med J (2002) 115(1159): U128

20. Jones PG, Peak S, McClelland A, Holden A, Higginson I, Gamble G. "Emergency ultrasound credentialling for focused assessment sonography in trauma and abdominal aortic aneurysm: A practical approach for Australasia."

Emergency Medicine (2003) 15(1): 54 – 62

21. Holden A, Hill A. "Renal angioplasty and stenting with distal protection of the main renal artery in ischaemic nephropathy: Early experience."

Journal of Vascular Surgery (2003) 38 (5): 762-68

- 22. Holden, A. "Embolic Protection Devices in Renal Artery Stenosis."
 - Endovascular Today (2003) Nov/Dec 59-61
- 23. Kruger A, Holden A, Hill A. "Endoluminal Repair of a Thoracic Arch Aneurysm using a Scallop-Edged Stent-Graft."

J Endovasc Ther. (2003) 10:936-939

- 24. Koea J, Holden A, Chau K, McCall J. "Differential diagnosis of stenosing lesions at the hepatic hilus" World J Surg (2004) 28(5):466-470
- 25. Koea J, Rodgers M, Thompson P, Woodfield J, Holden A, McCall J. "Laparoscopy in the management of colorectal cancer metastatic to the liver."

ANZ J Surg (2004) 74(12):1056-9

26. Marui Y, McCall J, Gane E, Holden A, Duncan D, Yeong M-L, Chow K, Munn S. "Liver transplantation for hepatocellular carcinoma in New Zealand: a prospective intent-to-treat

analysis."

118:1-13

27. Fung J, Gane E, McCall J & Holden A. "Improved survival with screening for hepatocellular carcinoma in cirrhosis and chronic hepatitis."

B. J Gastro. Hepatol. 2005; 20

(Suppl), A72.

28. Fung J, Gane E, Holden A & McCall J. "Improved survival with screening for hepatocellular carcinoma in chronic hepatis B and liver cirrhosis."

Hepatology 2005; 42

(Suppl. 1), 394A.

- 29. Holden A, Smith A, Dukes P, Pilmore H, Yasutomi M. "Assessment of 100 Potential Live Renal Donors for Laparoscopic Nephrectomy with Multi-Detector Row Helical CT"

 Radiology 2005;237:973-980
- 30. Abbas SM, Bissett IP, Holden A, Woodfield JC, Parry BR, Duncan D. "Clinical variables associated with positive angiographic localization of lower gastrointestinal bleeding."

 ANZ J Surg. 2005 Nov;75(11):953-7
- 31. McGuiness B, Kennedy C, Holden A. "Spontaneous celiac artery dissection." Aus Rad 2006;50:400-1
- 32. Holden A, Hill A, Jaff M. "Renal artery stent revascularization with protection in ischaemic nephropathy"

Kidney Int 2006;70(5):948-55

33. Holden A, Ng R, Gane E, Hill A, McCall J. "A technique for controlled partial closure of a transjugular intrahepatic portosystemic shunt tract in a patient with hepatic encephalopathy"

J Vasc Interv

Radiol 2006;17(12):1957-61

34. Bartlett A, McCall J, Koea J, Holden A, Yeong M-L, Gurusinghe N, Gane E. "Liver resection for hepatocellular carcinoma in a Hepatitis B endemic area"

World J Surg 2007;31:1775-81

- 35. Holden A. "Hilar cholangiocarcinoma: radiological diagnosis, staging and preoperative intervention"

 ANZ J Surg 2007:77(Suppl. 1) A90
- 36. Holden A. "Radiological assessment of live liver and kidney donors"

ANZ J Surg 2007:77(Suppl. 1) A90

37. Muthu C, Maani J, Plank L, Holden A, Hill A. "Strategies to reduce the rate of type 2 endoleaks" **J**

Endovasc Ther 2007:14:661-668

38. Holden A. "Complications of Renal Artery Stenting"

Endovascular Today 2007;7(1):52-55

- 39. McGuinness B, Holden A. "Interventional Radiology: A survey of trainees" **JMIRO 2008;52:155-160**
- 40. Holden A, Merrilees S, Mitchell N, Hill A. "Magnetic resonance imaging of popliteal artery pathologies" **European Radiology 2008;67:159-168**
- 41. Holden A. "Abdomen Interventions for Solid Organ injury" Injury 2008;39(11):1275-1289
- 42. McCall J, Johnston M, Holden A, et al. "Live donor liver transplantation in New Zealand: a report on the first 20 cases"

NZ Medical Journal 2009;122:24-31

43. Wigg L, Holden A, Cooper J, Alison P, Hill A. "Emergency debranching and stent grafting for complex aortic arch injury"

Injury 2009;40(9):1014-7

- 44. Holden A. "Combining Embolic Protection and the "No Touch" Technique Endovascular Today 2009;68:67-70
- 45. Holden A. "Evaluating New EVAR Device Technology" Endovascular Today 2010;9(1):67-70
- 46. Donayre C, Zarins C, Krievins D, Holden A, Hill A, Calderas C, Velez J, White R. "Initial clinical experience with a sac-anchoring endoprosthesis for aortic aneurysm repair"

 Journal of Vascular Surgery 2011;53(3):574-82
- 47. Krievins D, Holden A, Savlovskis J, Calderas C, Donayre C, Moll F, Katzen B, Zarins C. "EVAR Using the Nellix Sac-anchoring Endoprosthesis: Treatment of Favourable and Adverse Anatomy"

Eur J Vasc Endovasc Surg 2011;42:38-46

48. Gunawansa N, McCall J, Holden A, Plank L, Munn S. "Biliary complications following orthotopic liver transplantation: a 10 year audit."

HBP (Oxford) 2011;13(6):391-9

49. Kweon M, Bhamidipaty V, Holden A, Hill A. "Antegrade superficial femoral artery versus common femoral artery punctures for infrainguinal occlusive disease."

JVIR 2012;23(9):1160-1164

50. Ho H, Sorrell K, Peng L, Yang Z, Holden A, Hunter P. "Hemodynamic Analysis for Transjugular Intrahepatic Portosystemic Shunt (TIPS) in the Liver Based on a CT Image."

IEEE Transactions on Medical Imaging 2013;32(1):92-98

51. Holden A, Mertens R, Hill A, Mariné L, Clair DG. "Initial experience with the Ventana fenestrated system for endovascular repair of juxtarenal and pararenal aortic aneurysms."

J Vasc Surg 2013;57(5):1235-45

52. Quiñones-Baldrich WJ, Holden A, Mertens R, Thompson MM, Sawchuk AP, Becquemin JP, Eagleton M, Clair DG. "Prospective, multicenter experience with the Ventana Fenestrated System for juxtarenal and pararenal aortic aneurysm endovascular repair."

J Vasc Surg 2013;58(1):1-9

53. Holden A. "Endovascular Aneurysm Sealing for Abdominal Aortic Aneurysm Repair: Evolution or Revolution"

CVIR 2014; 37(5):1129-1136

54. Cooper CJ, Murphy TP, Cutlip DE, Jamerson K, Henrich W, Reid DM, Cohen DJ, Matsumoto AH, Steffes M, Jaff MR, Prince MR, Lewis EF, Tuttle KR, Shapiro JI, Rundback JH, Massaro JM, D'Agostino RB Sr, Dworkin LD; CORAL Investigators. "Stenting and medical therapy for atherosclerotic renal-artery stenosis."

N Engl J Med. 2014 Jan 2;370(1):13-22

55. Bhagvan S, Turai M, Holden A, Ng A, Civil. Predicting hollow viscus injury in blunt abdominal trauma with computed tomography.

World J Surg 2013;37(1):13-6

56. Dass P, Robertson J, Muthu C, Holden A. "A Rare cause of Acute Pancreatitis: Percutaneous Mechanical Rheolytic Thrombectomy of Deep Venous Thrombosis"

Vascular 2015;23(5):545-9

57. Holden, A. "Endovascular sac sealing concept: will the Endologix Nellix™ device solve the deficiencies?"

J Cardiovasc Surg 2015;56:339-53

- 58. Bockler D, Holden A, Thompson M, Hayes P, Krievins D, de-Vries J-P, Reijnen M. "Multicentre Nellix Endovascular Sealing system experience in aneurysm sac sealing"

 J Vasc Surg 2015;62:290-98
- 59. Savlovskis J, Krievins D, de Vries J-P, Holden A, Kisis K, Gedins M, Ezite N, Zarins C. "Aortic neck enlargement after endovascular aneurysm repair using balloon-expandable versus self-expanding endografts"

J Vasc Surg 2015;62(3):541-9

60. Folt DA, Evans KL, Brahmandam S, He W, Brewster PS, Yu S, Murphy TP, Cutlip DE, Dworkin LD, Jamerson K, Henrich W, Kalra PA, Tobe S, Thomson K, Holden A, Rayner BL, Grinfeld L, Haller ST, Cooper CJ.

"Regional and physician specialty-associated variations in the medical management of atherosclerotic renal artery stenosis"

J Am Soc Hypertens 2015;9(6):307-8

61. Holden A, Savlovskis J, Winterbottom A, van den Ham LH, Hill A, Krievins D, Hayes PD, Reijnen MM, Böckler D, de Vries JP, Carpenter JP, Thompson MM.

"Imaging after Nellix Endovascular Aneurysm Sealing: A Consensus Document"

J Endovasc Ther 2016; 23(1):7-20

62. Reijnen M, de Bruin J, Mathijssen E, Zimmerman E, Holden A, Hayes P, Krievins D, Bockler D, de Vries JP, Thompson M. "Global Experience with the Nellix Endosystem for Ruptured and Symptomatic Abdominal Aortic Aneurysms"

J Endovasc Ther 2016; 23(1):21-8

63. Harvey J, Brew S, Hill A, Holden A. "Transcatheter Embolization of Type IA Endoleak after Nellix Endovascular Aortic Aneurysm Sealing with *N*-Butyl Cyanoacrylate: Technique in Three Patients"

JVIR 2016;27(2):194-199

64. Thompson M, Heyligers J, Hayes P, Reijnen M, Böckler D, Schelzig H, de Vries J-P, Krievins D, Holden A. "Endovascular Aneurysm Sealing: Early and midterm results from the EVAS FORWARD Global Registry"

J Endovasc Ther 2016; 23(5);685-92

65. Krievins D, Savlovskis J, Holden A, Kisis K, Hill A, Gedins M, Ezite N, Zarins C. "Preservation of hypogastric flow and control of iliac aneurysm size in the treatment of aortoiliac aneurysms using the Nellix EndoVascular Aneurysm Sealing endograft"

J Vasc Surg 2016;64:1262-9

- 66. Böckler D, Holden A, Krievins D, deVries J-P, Peters A, Geisbüsch P, Reijnen M. "Extended use of endovascular aneurysm sealing for ruptured abdominal aortic aneurysms" Seminars in Vascular Surgery 2016;29:106-113
- 67. Donselaar E, Holden A, Zoethout A, Zeebregts C, Reijnen M. "Feasibility and Technical Aspects of Nellix-in-Nellix Extension on Late Caudal Endograft Migration"

J Endovasc Ther 2017;24(2):210-217

68. Dijkstra M, Goverdne P, Holden A, Zeebregts C, Reijnen M. "Initial experience with covered endovascular reconstruction of the aortic bifurcation in conjunction with chimney grafts"

J Endovasc Ther 2017;24(1):19-24

- 69. Holden A. "Cone-Beam CT and Advanced Perfusion in CLI Interventions" Endovascular Today 2017;16(5):65-68
- 70. Holden A, Merrilees S, Buckley B, Connor B, Colgan F, Hill A. "First-in-Human Experience with the Gore Balloon-Expandable Covered Endoprosthesis in Iliac Artery Occlusive Disease" J Endovasc Ther 2017;24(1):11-18
- 71. Bismuth J, Gray BH, Holden A, Metzger C, Panneton J. "Pivotal Study of a Next Generation Balloon-Expandable Stent-Graft for Treatment of Iliac Occlusive Disease"

 J Endovasc Ther 2017;1-9
- 72. Krishnan P, Faries P, Niazi K, Jain A, Sachar R, Bachinsky W, Cardenas J, Werner M, Brodmann M, Mustapha J, Mena-Hurtado C, Jaff M, Holden A, Lyden S. "Stellarex Drug-Coated Balloon for Treatment of Femoropopliteal Disease: 12-Month Outcomes from the Randomized ILLUMENATE Pivotal and Pharmacokinetic Studies"

Circulation 2017;117.028893

73. Brodmann M, Werner M, Brinton T, Illindala U, Lansky A, Jaff M, DO, Holden A. "Safety and Performance of Lithoplasty for Treatment of Calcified Peripheral Artery Lesions" JACC 2017:70(7):907-12

74. Schroe H, Holden A, Goueffic Y, Jansen SJ, Peeters P, Keirse K, Ito W, Vermassen F, Micari A, Blessing E, Jaff MR, Zeller T. "Stellarex drug-coated balloon for treatment of femoropopliteal arterial disease—The ILLUMENATE Global Study: 12-Month results from a prospective, multicenter, single-arm study".

Catheter Cardiovasc Interv. Published online: Oct. 31, 2017 (DOI 10.1002/ccd.27348)

75. Van den Ham LH, Holden A, Savlovskis J, Winterbottom A, Ouriel K, Reijnen MMP. "Occurrence and classification of proximal type 1 endoleaks after endovascular aneurysm sealing using the Nellix device."

Eur J Vasc Endovasc Surg 2017;54(6):729-736

76. Thompson M, Youssef M, Jacob R, Zerwes S, Reijnen M, Szopinski P, Holden A. "Early experience with endovascular aneurysm sealing in combination with parallel grafts for the treatment of complex abdominal aneurysms: the ASCEND registry."

JEVT 2017 Dec;24(6):764-772

78. Reijnen M, Holden A. "Status of Endovascular Aneurysm Sealing After 5 Years of Commercial Use."

JEVT 2018 Published online

79. Lok CE, Rajan DK, Clement J, Kiaii M, Sidhu R, Thomson K, Buldo G, Dipchand C, Moist L, Sasal J; NEAT Investigators. "Endovascular Proximal Forearm Arteriovenous Fistula for Hemodialysis: Results of the Prospective, Multicenter Novel Endovascular Access Trial (NEAT)."

Am J Kidney Dis. 2017 Oct;70(4):486-497

80. Krievins D, Savlovskis J, Ezite N, Hill A, Kisis K, Gedins M, Zellans E, Holden A. "The DETOUR procedure: no more need for conventional bypass surgery?"

J Cardiovasc Surg (Torino). 2018 Jan 9 [Epub ahead of print]

81. Schroe H, Holden AH, Goueffic Y, Jansen SJ, Peeters P, Kierse K, Ito W, Vermassen F, Micari A, Blessing E, Jaff MR, Zeller T. "Stellarex drug-coated balloon for treatment of femoropopliteal arterial disease-The ILLUMENATE Global Study: 12-Month results from a prospective, multicenter, single-arm study."

Catheter Cardiovasc Interv 2018;91(3):497-504

82. Brodmann M, Holden A, Zeller T. "Safety and Feasibility of Intravascular Lithotripsy for Treatment of Below-the-Knee Arterial Stenoses"

JEVT 2018;25(4):499-503

83. Brodmann M, Wissgott C, Holden A, Staffa R, Zeller T, Vasudevan T, Schneider P. "Treatment of infrapopliteal post-PTA dissection with tack implants: 12-month results from the TOBA-BTK study"

Catheter Cardiovasc Interv. 2018;92:96–105

84. Binyamin G, Orosz K, Konstantino E, Holden A. "Early results for the Chocolate Touch paxlitaxel-coated balloon catheter for the treatment of femoropopliteal lesions"

Italian Journal of vascular and Endovascular Surgery 2018;25(4):302-8

85. Brodmann M, Werner M, Holden A, Tepe G, Scheinert D, Schwindt A, Wolf F, Jaff M, Lansky A, Zeller T. "Primary outcomes and mechanism of action of intravascular lithotripsy in calcified, femoropopliteal lesions: Results of Disrupt PAD II"

Catheter Cardiovasc Interv. 2018;1–8. DOI: 10.1002/ccd.27943

86. Holden A. "Aneurysm repair with endovascular aneurysm sealing: technique, patient selection, and management of complications"

Tech Vasc Interventional Rad 2018;21:181-187

87. Blessing E, Lugenbiel I, Holden A. "The evidence to support the use of focal force balloon technology to improve outcomes in the treatment of lower extremity arterial occlusive disease"

J Cardiovasc Surg 2018;59:000-000. DOI: 10.23736/S0021-9509.18.10766-X

88. Holden A, Hill A, Buckley B, Connor B, Semple D, Merrilees S, Marsh E, Alfahad A, Iyer R. "Clinical Evaluation of the Cook Advance Enforcer 35 Focal-Force PTA Balloon Catheter for Treatment of Hemodialysis Fistula Stenoses: A Feasibility Study"

J Vasc Interv Radiol 2018; doi.org/10.1016/j.jvir.2018.08.015

89. Holden A, Hill A, Walker A, Buckley B, Merrilees S, Nowakowski P, Krzanonowski M, Brodmann M. "PRELUDE Prospective Study of the Serranator Device in the Treatment of Atherosclerotic Lesions in the Superficial Femoral and Popliteal Arteries"

JEVT 2018; doi.org/10.1177/1526602818820787

90. Gray W, Keirse K, Soga Y, Benko A, Babaev A, Yokoi Y, Schroeder H, Prem J, Holden A, Popma J, Jaff M, Diaz-Cartelle J, Muller-Hulsbeck, S. "A polymer-coated, paclitaxel-eluting stent (Eluvia) versus a polymer-free, paclitaxel-coated stent (Zilver PTX) for endovascular femoropopliteal intervention (IMPERIAL): a randomised, non-inferiority trial"

Lancet 2018:392(10157):1541-1551

91. Wu L, Swan P, McCall J, Gane E, Holden A, Merrilees S, Munn S, Johnston P, Bartlett A. "Intention-to-treat analysis of liver transplantation, resection and thermal ablation for hepatocellular carcinoma in a single centre"

HPB 2018: 20, 966-976

92. Holden A. "The use of intravascular lithotripsy for the treatment of severely calcified lower limb arterial CTOs"

J Cardiovasc Surg 2019;60(1):3-7

93. Watkins C, Huasen B, Hill A, Nand P, Holden A. "Endovascular Aortic Repair for Early Complications after Implantation of the ThoraFlex Hybrid Graft"

Ann Thor Surg 2019;107(3):e171-174

94. Osman K, Hill A, Holden A. "Aorto-ureteric fistula post endovascular stent graft management of ruptured abdominal aortic aneurysm: a case report"

ANZ J Surgery 2019: doi: 10.1111/ans.15065

95. Laird J, Zeller T, Holden A, Scheinert D, Moore E, Mendes R, Schmiedel R, Settlage R, Lansky A. Jaff M. "Balloon-expandable vascular covered stent in the treatment of iliac artery occlusive disease: 9-month results from the BOLSTER multicentre study"

JVIR 2019 https://doi.org/10.1016/j.jvir.2018.12.031

96. Zoethout A, Zerwes S, Zeebregts C, Heyligers J, De Vries J-P, Oberhuber A, Karl T, Berg P, Stenson K, Loftus I, Torella F, Szopinski P, Zimmerman E, Holden A, Hyhlik-Duerr A, Reijnen M. "Preliminary outcome of Nellix-in-Nellix extensions in patients treated with failed endovascular aneurysm sealing"

J Vasc Surg 2019: https://doi.org/10.1016/j.jvs.2019.01.044

97. Cheng CP, Ga-Young S, Kim JJ. Holden A. "Cardiac Pulsatility and Respiratory-Induced Deformations of the Renal Arteries and Snorkel Stents After Snorkel Endovascular Aneurysm Sealing."

JEVT 2019; 1-9 doi: 10.1177/1526602819856363

Presentations

1992 Extratesticular lesions; a pathological and radiological correlation.

- NZ Branch Meeting (Waireki) winner Obex Award
- RACR Meeting (Queensland) winner Dupont Prize

1993 The role of colour and duplex Doppler ultrasound in the assessment of thyroid nodules

- NZ Branch Meeting winner Obex Award
- RANZCR Meeting (Sydney)
- **1994** The role of duplex sonography in renovascular hypertension
 - WA Branch Meeting
- **1995** Imaging of aortic dissection
 - NZ Branch Meeting (Waireki)

CT versus EUS at the Gastro-oesophageal Junction

- RANZCR Meeting (Melbourne)

Imaging Requirements for Endoluminal Grafting

- International Endovascular Symposium (Sydney)
- **1996** Interventional procedures in the chest
 - Auckland Respiratory Physicians Meeting
- **1997** Body applications for MRI
 - NZ MR Users Group Hamilton
- **1998** Hypertension and renovascular disease
 - NZ Renal Physicians (Auckland)
- 1999 Endoleaks and their management
 - NZ Vascular Luminaries Meeting, Auckland

Iliac artery issues in endoluminal repair

- NZ Vascular Luminaries Meeting, Auckland

Carotid intervention and distal protection

- Northern Vascular Group. Auckland

Pelvic fracture and therapeutic intervention

- Australasian College of Surgeons ASM

Imaging of thoracic aortic trauma

- Australasian College of /Surgeons ASM

2000 Endoleaks, definition and management

- IRSA (Penang)

Thrombin injection for false aneurysms at unusual sites

- IRSA (Penang)

Iliac artery issues in endoluminal repair

- IRSA (Penang)

2001 Stepping table CE-MRA for assessment of lower limb arterial pathologies

- RANZCR ASM (Melbourne)

Iliac angioplasty and stenting

- IRSA (Queenstown)

Renovascular intervention

- IRSA (Queenstown)

MRA

- IRSA (Queenstown)

Recent innovations in Interventional Radiology

- IRSA (Queenstown)

Multidetector CT in the assessment of potential live related renal donors

- RANZCR NZ Branch ASM
- Winner best paper award

Radiological intervention in pelvic trauma

- NZ Trauma Forum (Auckland)

2002

NZ Society of Vascular Surgery ASM Nelson 15 – 17/02/02

- Peripheral MRA

ASUM Wellington Vascular Workshop – Guest Speaker (04.05.02)

- Visceral Artery Imaging
- Carotid Artery Imaging
- Imaging in Organ Transplantation

Ashford Hospital Endovascular Workshop, Adelaide, Australia.

16 – 17.05.02 – Guest Speaker

- Endovascular Treatment of Renal Artery Stenosis with Distal Protection in Ischaemic Nephropathy

Paris Course on Revascularisation (PCR) 21 – 24.05.02 – Guest Speaker

- Endovascular Treatment of Renal Artery Stenosis with Distal Protection in Ischaemic Nephropathy

IRSA 10TH Scientific Conference, North Queensland (6 – 12.07.02)

Part of International Faculty:

- Use of Gadolinium in DSA and Endovascular Intervention
- Retrograde Endoleaks More questions than answers
- CE-MRA in the Imaging of Lower Limb Arteries
- Endovascular Treatment of Renal Artery Stenosis with Distal protection in Ischaemic Nephropathy

CRISP nurses XVIII Annual Conference 12-14.09.02 – Guest Speaker

- Recent Innovations in Interventional Radiology

RANZCR Annual Scientific Meeting 3 –6.10.02 – Australasian Faculty

- Endoluminal Aneurysm Repair - Procedural Issues

International Endovascular Symposium 5 – 7.12.02 – Guest Speaker

- -Renal Angioplasty and Stenting with Distal Protection
- -Lower Limb MR Angiography
- -Angiographic Intervention using Gadolinium

2003 12th Singapore Live Vascular Endotheray Meeting – Singapore 12-15 January

- Live Case Renal Stenting from Singapore General Hospital 14th January
- Renal Stenting with Distal Protection
- Lower Extremity MR Angiography

NZ Society of Vascular Surgery ASM – Auckland 21-23 March

- Renal Stenting with Distal Protection

Paris Course on Revascularisation (PCR) 19-23.05.03 – Guest Faculty

- Endovascular Treatment of Renal Artery Stenosis with Distal Protection in Ischaemic Nephropathy

MRI Users Group - Auckland Hospital 8.10.03

- Initial Experience with Gadovist and Resovist

Vascular 03 - Melbourne Australia 10-15.10.03

- Extra and Intra-cranial Arterial Anatomy Why it is Important 11.10.03
- Will MRA Replace Other Modalities in Investigation of Occlusive Disease 12.10.03
- Distal Protection Devices in Renal Artery Stenting 12.10.03
- 2004 International Symposium on Endovascular Therapy (ISET) Miami, Florida 28-31 January
 - Part on International Faculty
 - Renal Stenting with Distal Protection in Ischaemic Nephropathy
 - Outpatient Iliac Artery Intervention
 - Renal Artery and Iliac Artery Workshops

European Congress of Radiology (ECR) – Vienna, Austria 5-9 March

- Liver Specific Contrast Media in Focal Liver Lesions

Paris Course on Revascularisation (PCR) Paris, France 25-28 May

- Renal Stenting with Distal Protection in Ischaemic Nephropathy
- Outpatient Iliac Artery Intervention

Malaysian Cardiovascular Intervention Symposium (MCIS), Kuala Lumpur, Malaysia 16-19 June

- Live Cases: Renal Stenting and Iliac Artery Revascularization from the National Heart Institute $\rm 18^{th}$ June
- Percutaneous Renal Angioplasty Review

Latin American Customer Endovascular Board (LACEB), Biscayne, Florida, USA 22-23
June - Renal Artery Revascularization in 2004

Vascular 04 - Rotorua 3-8.09.04

- Renal MRA vs Duplex 4.9.04
- MRA (technical aspects, uses, limitations, future) 4th and 5th Sept 04

Rouse Fellowship, RANZCR ASM Perth, APPCVIR New Dehli 11/10-5/11/04

Tuesday 12th October: visit Royal Hobart Hospital

- Imaging in Thoracic Trauma
- Scrotal Ultrasound
- Renal Artery Imaging and Intervention
- Renal Transplant Imaging

Adelaide Thursday 14th October Royal Adelaide Hospital

- Imaging in Thoracic Trauma
- Renal Artery Imaging and Intervention

Friday 15th October The Queen Elizabeth Hospital (TQEH)

- Renal Transplant Imaging
- SA Branch Annual Dinner Non-invasive Imaging and Intervention in Carotid Arteries

Perth Tuesday 19th October Royal Perth Hospital

- Grand Round Lecture- Lower limb MR Angiography

RANZCR ASM Faculty with 2 lectures:

Friday 22nd Oct - Imaging in Renal Transplantation Friday 22nd Oct – An Update on Scrotal Sonography

New Dehli part of International Faculty at APCCVIR (Asian and Pacific Congress of Cardiovascular and Interventional Radiology) giving 3 lectures and live case involvement:

- 31/10 Renal Artery Revascularization
- 3/11 0900-1030 Renovascular Doppler
- 3/11 1130-1230 Vascular Closure Devices

International Endovascular Symposium (IES) Sydney 9-11 December 04

- 9/12 Renal Angioplasty with Embolic Protection Devices
- 9/12 The Role of Infra-renal Fixation in Endoluminal Grafts
- 11/12 The Prophylactic Use of Thrombin in the Prevention of Type 2 Endoleaks

2005 Radiology in Middle Earth (Auckland 28/2-1/3; Queenstown 2-5/3)

- Part on International Faculty
- Lower Limb MR Angiography
- Renal artery imaging and intervention
- Scrotal ultrasound

All That Jazz (New Orleans, USA 26-29/4)

- Embolic Protection Device Summit 26/4/05
- Renal Angioplasty with Embolic Protection Devices 28/4/05 Vascular Leaders Summit (Bangkok, Thailand 8-12/7/05)
- New Technologies for Renal Stenting 9/7/05 RANZCR/ASUM Branch ASM (Wellington 28-31/7/05)
 - Difficult Carotid Ultrasound 28/7/05
 - Visceral Artery Doppler 28/7/05
 - Non-invasive Imaging of Visceral Arteries 30/7/05
 - Scrotal Sonography in 2005 31/7/05

Winter Lecture Series, Maidment Theatre, University of Auckland (16/8/05)

- Insights into Image Guided Intervention

Combined NZIMRT/AIR Conference (Auckland 25-28/8/05)

- Lower Limb MRA

IRSA (Queenstown 22/8-1/9/05)

- New Concepts in Renal Artery Stenting

VIII Congresso Annual Da Sobrice, Sau Paulo, Brazil (3-5/11/05)

- Techniques and Results of Renal Transplant Interventions
- Renal Angioplasty: With or Without Embolic Protection
- Endoluminal Repair of AAA: Supra or Infra-renal Fixation?
- Type 2 Endoleak; Prevention Is Better Than Cure?

Hong Kong Society of Interventional Radiology ASM, Hong Kong, China (4/12/05)

- Renal Artery Revasculariszation with Embolic Protection in IN
- Lower Limb MRA

International Endovascular Symposium, Sydney, Australia (9-10/12/05)

- What is the Best Imaging protocol for the Workup of Carotid Stenting?
- Current Status and Future Projections for Renal Angioplasty Techniques
- Lower Limb MRA: Special Applications

2006 ANZ Liver Transplant Meeting (Brisbane February 24-26)

- Imaging of Liver Lesions in the Cirrhotic Liver – the Value of MRI Epworth Carotid Workshop (Melbourne March 3-5)

- Part on International Faculty
- What is the Ideal Imaging Modality for Carotid Disease? Vascular Leaders Summit (Shanghai, China 9-13/6/06)
- Embolic Protection and Renal Stenting 10/6/06 Visit Chinese Hospitals (giving talks on carotid, renal and SFA intervention and reviewing cases 13-14/6/06
 - Hang Zhou (ZMU Affiliated Hospital, Hangzhou No 3 Hospital)
 - Shanghai Zhongshan Hospital

ESGAR/SGR 2006 (European Society of Gastrointestinal and Abdominal Radiology, Crete, Greece 19-23 June 2006

- Comparison between Gadolinium-BOPTA (Multihance) and a standard Gadolinium chelate in the assessment of potential live hepatic donors 22/6/06

Convenor of Cordis Renal Symposium 20-21/7/06, Sydney, Australia

- Imaging of Renal Artery Stenosis
- Renal Artery Intervention in Ischemic Nephropathy

Vascular 2006 (Cairns, Queensland September 2-6)

- Part on Invited Faculty
- "MRA Has Been The Next Big Thing for 15 Years: Will It Ever Come of Age?"
- "Distal Protection for Renal Artery Interventions: How, When and Why I Do It."
- "Making Sense of Renal Protection Strategies Is Contrast Nephrotoxicity A Real Danger and What Should I Do for My Patients?"

RANZCR ASM (Christcurch 26-28/10/06)

- Imaging of Acute Aortic Syndromes 26/10/06
- Colon Carcinoma: Imaging of Hepatic Metastases 28/10/06

2007 Vascular Interventions 2007 (Newcastle, Australia 23-24 February)

- Live Case Demonstrations 23/2/07 Lake MacQuarie Private Hospital
- Renal Artery Stenting with Renal Preservation 24/2/07

Radiology in Sydney (Sydney, Australia 19-24th March)

- Imaging in Renal Transplantation
- MR/CT of Focal Liver Lesions
- New Applications for Lower Limb MRA
- US/CT of Renal Arteries

i2 Summit, American College of Cardiology ASM (New Orleans, USA 24th-27th March 2007)

- Renal Embolic Protection: Viable or a Pipedream?
- Interventional Management of the Haemodialysis Fistula

Cordis Carotid Symposium (Sydney 27-28th April)

- Duplex, CTA, MRA What is the Ideal Imaging Modality?
- Peri-procedural Complications and Challenges

Royal Autralasian College of Surgeons ASM (Christchurch 7-8th May)

- Hilar Cholangiocarcinoma: Radiological Diagnosis, Staging and Pre-operative Intervention
- Radiological Assessment of Live Liver and Kidney Donors

Malaysia Live (Kuala Lumpur 11-14th July)

- Live Cases at National Heart Institure, KL 11/7/07
- Management of Intra-procedural Stroke during CAS 12/7/07
- Stenting the Aorto-iliac Segment 12/7/07
- Renal Intervention How I Do It and the Role of Distal Protection 12/7/07

Cordis SFA Symposium 17 August 2007, Melbourne – Course Convenor

- SFA Stenting: A Single Centre Experience
- Surveillance after SFA Stenting and Complication Management
- Crossing Chronic Total Occlusions in Lower Limb Arteries
- The Role of Embolic Protection in Lower Limb Intervention

CIRSE (Cardiovascular and Interventional Radiology Society of Europe) 8-12/9/07

- Renal Protection is Necessary for Renal Stenting 9/9/07

RANZCR ASM Melbourne 4-7/10/07

- Comparison Between Gadolinium-BOPTA (Multihance) and a Standard Gadolinium Chelate (Magnevist) in the MRI Assessment of Potential Live Hepatic Donors 5/10/07
- The Impact of Hepatobiliary Phase (HBP) Scaning with Gadolinium-BOPTA (Multihance) in Focal Nodular Hyperplasia (FNH) detection and Characterisation 5/10/07

Transcatheter Cardiovascular Therapeutics (TCT) 20th-25th October 2007

- Is Embolic Protection in Renal Intervention Ready for the Prime Time?

2008 Leipzig Interventional Course (LINC) (Leipzig, Germany 23-26 January)

- Is there an Indication for Embolic Protection during Renal Artery Stenting?

RANZCR Western Australia Branch ASM (Perth, Australia 8-9th March)

- Scrotal Ultrasound
- Imaging of Live Renal Donors
- Imaging of the Renal Transplant Graft
- Imaging of the Renal Arteries

NZ Association of General Surgeons, (Waitangi 5-6th April)

- Interventional Radiology- When to Refer What for Embolisation

Interventional Radiology Society of Australasia (IRSA) ASM 26th - 28th August

- Renal Artery Stenosis: Life after ASTRAL

Vascular 2008, (Adelaide, Australia 10-14th September)

- Issues Surrounding Endovascular Treatment in the Iliac Arteries and SFA
 (Abbott Symposium, 10th September)
- Great Debate: "Renal Artery Stenting is a Legitimate Treatment in the Hypertensive Patient" (12th September)
- "Below Knee Therapy and Treatment for the Diabetic Foot" (Biotronic Symposium 12th September)

Australasian Society of Ultrasound in Medicine (ASUM) ASM 18th- 21st September

- Doppler Surveillance of Endovascular Treatment Sites 18th September
- Ultrasound in Abdominal Transplantation 18th September
- Imaging of the Renal Transplant Graft 19th September

Vascular Interventional Advances (VIVA) Las Vegas, USA 22nd- 26th September

- Overcoming Subintimal Entrapment in the Femoropopliteal Occlusions: Optimal Use of Re-Entry Tools and Retrograde Popliteal Access 22/9
- Renal Embolic Protection: Why Should We Treat the Kidney Any Differently Than the Brain? 24/9

2009 Leipzig Interventional Course (LINC) 12th-17th January 2009

- Live Interventional cases performed and transmitted live to Hong Kong and Leipzig on Tuesday ${\bf 13}^{\rm th}$ January
- Debate: Should EVAR be Considered the First Line Treatment for AAA?
- Fenestrated and Branched Endografts for Thoraco-Abdominal Aneurysms
- Treatment Options for In-stent Restenosis
- Crossing Strategies for Complex Femoro-popliteal Obstructions

Vascular Interventions Woolongong, Australia 6th/7th March 2009

- Future of Renal Artery Stenting for the Treatment of Renal Artery Stenosis

ARGANZ ASM 21st-22nd March 2009

- Acute GI Bleeding: Diagnosis and Intervention
- Uncommon MR Appearances of Common Hepatic and Splenic Pathologies
- Intervention for Hepatic Malignancy

NZ Medical Oncology Annual Scientific Meeting, Palmerston North June 17th 2009

- Multidisciplinary Approach to Diagnosis and Management of HCC

RANZCR NZ Branch ASM 31/7 – 2/8/09

- Non-Invasive Vascular imaging What the Interventional Radiologist Needs to Know
- Uncommon Appearances of Common Liver and Splenic Lesions

Transcatheter Cardiovascular Therapeutics (TCT), San Francisco 21/9 – 25/9/09

- Strategies to Reduce the Rate of Type 2 Endoleaks
- The Need for Renal Embolic Protection: Yes, No, or Not Known?

Vascular 2009, Sydney 1/10 – 4/10/09

- The Hybrid Endoluminal Suite: Applications, Equipment and Layout Consideration
- Combined Aneurysmal and Occlusive Aorto-iliac Disease Experience with the Gore Excluder Device and Ancillary Procedures
- Renal Interventions that Minimises Emboli: A No Touch Technique
- Debate: Technique and Patient Selection is the Key to Successful Outcomes in Renal Artery Stenting
- Iliac Artery Stenting: Standards of Care versus TASC Guideline

Vascular Interventional Advances (VIVA) Las Vegas, USA 20th- 23rd October

- Management of Below Knee Peripheral Artery Disease: Drug Eluting Stents and Drug Eluting Balloons
- Embolization: How to Use Coils and Glues etc
- Debate: Fenestrated AAA Devices are Ready fir the Prime Time Pro

2010

International Symposium on Endovascular Therapy (ISET) – Miami, USA 17-21 January 2010

- Part of International Faculty
- "Pre-close" Technique for EVAR How I Do It
- Next Generation Devices: A Sac Fixation System

Vascular Interventions Newcastle, Australia 4th - 6th March 2010

- CREST Trial Presentation
- Debate: CEA Will Always be the Gold Standard for Symptomatic Carotid Bifurcation Disease
- New Technologies for SFA Disease
- What is the Optimum Treatment for Iliac Artery Disease?
- Diagnosis of Digital and Pedal Circulation What is Adequate Flow?

GEST (Global Embolization Symposium and Technologies), San Francisco, USA 6th – 9th May 2010

- Assessment of Chemoembolisation using Doxorubicin-eluting Beads in cirrhotic patients with HCC Listed for orthotopic liver transplantation with explant pathological correlation

APCCVIR, Seoul, South Korea 1st – 4th June 2010

- Branched / fenestrated stent grafts and the chimney technique
- Natural history of renal artery stenosis: when to treat?

Portal Hypertension Worhshop, Sky City Convention Centre, Auckland 10th-11th June - An Update on TIPS in 2010

RANZCR ASM Perth, Western Australia 14th-17th October 2010

- Vascular Intervention in Lower Limb Critical Ischaemia
- Claudicants with Infrainguinal Disease SHOULD be Treated with Endovascular or Surgical Means
- Renal Stents Where Are We After ASTRAL?
- MRA Techniques in Renal Impairment

Vascular Interventional Advances (VIVA) Las Vegas, USA 18th- 20th October

- Pelvic Congestion Syndrome Therapeutic Implications
- AAA: Successful Treatment Methods for Type II Endoleaks
- Managing the IIA During Endografts
- Treatment for Short Neck AAA Anatomy In the Future, Devices that Fill the Aneurysm Will Take Over

Veith Symposium New York, USA 17th- 20th November

- How Best to Treat Patients with AAA and Iliac Occlusive Disease
- Initial Experience with the Endologix Ventana Fenestrated Graft System

2011

Vascular Interventions Newcastle, Australia 4th - 5th March 2011

- First in Man Experience with an Off-The-Shelf Fenestrated Endovascular Graft

ARGANZ ASM 25th – 27th March 2011

- Abdominal Trauma: Discussion and Challenging Cases

Charing Cross Symposium London United Kingdom 9th - 12th April 2011

- Nellix Endovascular System: Procedure and Experience
- Ventana "Off-The-Shelf" Fenestrated Graft

Paris Course of Revascularization (PCR) Paris, France 16th - 20th May 2011

- Chocolate Balloon: First In Man Experience and OCT Findings

Cardiac Society of Australia and NZ (CSANZ) Perth, Australia 11th - 14th August 2011

- Current Status of Renal Artery Stenting
- Carotid Revascularization: Surgery, Stenting or Neither

Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Munich, Germany 10^{th} - 14^{th} September 2011

- Cook Zilver PTX Trial Data: How Has This Changed My Practice?
- New Advances in Endoluminal Technology for Treating Abdominal Aortic Aneurysms

NZ Clinical Trial Showcase Auckland 21st September 2011

- Innovative "First in Man" Vascular Intervention Trials at Auckland Hospital

Asian Pacific HPBA Congress, Melbourne Australia 26th – 28th September 2011

- Chemoembolization using Doxorubicin-Eluting Beads (DEBOX) in HCC Patients Listed for OLT: Explant Correlation

Vascular Interventional Advances (VIVA) Las Vegas, USA 18th- 21st October

- Aorto-iliac Revascularization Strategies
- Fenestrated and Branch Grafts. Where Are We?
- Cook Zilver PTX Trial Data: How Has This Changed My Practice?
- Next Generation EVAR Technologies

Transcatheter Cardiovascular Therapeutics (TCT) Conference San Francisco, USA

- Live Case Demonstrations from Auckland Hospital 10/11/11

Veith Symposium New York, USA 16th- 19th November

- Rethinking EVAR: Clinical Experience with Nellix
- Auckland Experience with the Endologix Ventana Fenestrated Graft System
- 2012 Leipzig Interventional Course (LINC) Asia-Pacific 1st-3rd February
 - Live Interventional cases performed and transmitted to Hong Kong
 - Cook Zilver PTX: Experience in Auckland
 - Crossing Challengings CTOs: Sub-intimal not the End of the World
 - Aorto-iliac Revascularisation Strategies

Vascular Society of New Zealand (VSNZ), Nelson 10th -12th February

- Endoluminal Treatment of AAA and Iliac Occlusive Disease

Global Ambition Medical Technology, Auckland 27th – 28th February

- Innovative Vascular "First in Man" Trials at Auckland Hospital

Society of Interventional Radiology (SIR) ASM, San Francisco, USA 24th – 29th March

- Extreme Interventional Radiology Cases
- The Best Technique for the Treatment of Type 2 Endoleaks is Sac Injection
- Chocolate Balloon: FIM Experience and OCT Findings

Charing Cross Symposium London United Kingdom 15th - 18th April 2012

- Drug Elution in the Superficial Femoral Artery
- STANCE Study: First-in-Human Experience with a Bioresorbable Scaffold in Superficial Femoral Artery Occlusive Disease
- Ventana Fenestrated System: Pilot Study Results
- Nellix: First Clinical Experience Using the Commercial Technology
- Nellix: First Global Data Presentation
- Making the Right Choice in BTK Intervention: DEB vs DES vs atherectomy vs POBA
- Preliminary Results of a Bioabsorbable Scaffold in the SFA
- Latest Results of the Endologix Ventana Device

Critical Issues in Aortic Endografting 2012, Lille France 24th-25th May 2012

- Can the Endologix Nellix Repair All Para-renal Aneurysms?
- Endologix Ventana Off-the-Shelf Fenestrated Endograft: Current Indications and Limitations

British Society of Endovascular Therapy 2012, Warwickshire, UK 28th-29th June 2012

Novel Therapies for AAA: Will Established Technologies be Obsolete in 5
 Years?

IRSA 2012, Queenstown 4th- 6th September 2012

- Preventing emboli in renal revascularization
- Preventing emboli in non-renal revascularization
- IMA embolization pre-EVAR

CIRSE 2012, Lisbon, Portugal 15th-19th September 2012

- Endologix Nellix: Will EVAS be the new standard of care for EVAR?
- Will there be a practical branched/fenestrated solution for aortic arch disease?

VIVA 2012, Las Vegas, USA 9th – 12th October 2012

- OCT as a new imaging modality for infra-inguinal procedures: Data from the STANCE first in human study
- Will there be a practical branched/fenestrated solution for aortic arch disease?
 - Optimal Strategy for Taming the SFA: PTA, De-Bulking or Stents
 - Wiring Techniques: Tibial Artery Chronic Total Occlusions
 - Fenestrated and Branch Stent Grafts: Ideal solution for Para-renal/Juxta-renal AAAs
 - EVAS with Endologix Nellix: A Look to the Future

Vascular 2012 Conference, Melbourne, Australia 20th-23rd October 2012

- Innovations in MRA Imaging time resolved and non-contrast imaging
- Renal Artery Intervention An Update
- When to Stent the SFA/Popliteal Arteries

Veith Symposium New York, USA 14th- 18th November

- Nellix Endovascular Sealing System: The Possibilities Continue
- Clinical Update with the Endologix Ventana Fenestrated Graft System

Imaging Symposium Auckland University "From Macro to Nano" 23rd November

- Image Fusion During Intervention

2013 Japan Endovascular Therapy (JET) Osaka Japan 15th 17th February

- Cook 4 Years Experience with Cook Zilver PTX: How This Has Changed My Practice
- Current Status of Renal Artery Stenting

Aorta Open and Endovascular Repair (AORTA), New Dehli, India 1st – 3rd March

- Complications of TEVAR & their salvage strategies
- Outcomes of Trials & Registries for Thoracic EVR
- Current Evidence-Based Guidelines: Surgery or EVAR?
- New techniques for AAA repair-EVAS

Vascular Interventions Sydney, Australia 8th – 10th March

- Turbohawk Atherectomy

Charing Cross Symposium London, United Kingdom 6th – 9th April

- Results of the CRUX RETRIEVE vena cava filter study
- STANCE latest results of bioabsorbable drug eluting stents in the superficial femoral artery
- Sealing the Entire Aneurysm: EVAS
- In-situ customisation with off-the-shelf fenestration Ventana clinical results

Royal Australasian College of Surgeons, Auckland 7th-10th May

- Management of blunt thoracic aortic injury – what's new?

Critical Issues in Aortic Endografting, Nurenberg, Germany 21st-22nd June 2013

- How to Treat Type 1 and Type 3 Endoleaks
- Nellix is an Interesting Concept: What's Next
- The Ventana Off-the-Shelf Graft for Pararenal AAA

IRSA, Broome Western Australia 8th-11th July 2013

- Nellix and Ventana: The Future of EVAR?
- Thermal Ablation of Hepatic Tumours

CIRSE 2013, Barcelona, Spain 14th-18th September 2013

- Andreas Gruentzig Lecture: EVAR for AAA: Evolution or Revolution?
- Do the New EVAR Devices Enable Us to Treat More Patients More Effectively?
- New Advances in Image Fusion During Intervention: A Paradigm Shift?
- Amazing Interventions: If At First You Don't Succeed, Try Again!

VIVA 2013, Las Vegas, USA 8th – 11th October 2013

- The Angiosome Concept: How Can It Help to Guide Our Revascularization Strategies
- Polymer- Based Stent Grafts: Role in Complex Aortic Neck Anatomy

VEITH Symposium 2013, New York, USA 20th – 23rd October 2013

- Update on the Status of the Nellix Device: A Different Concept for EVAR: Can

It be Used to Treat Ruptured AAA

- A Shockwave Lithoplasty Catheter System for Cracking Heavily Calcified Plaques and Facilitating PTA

VERVE Symposium 2013, Sydney 6th-7th December 2013

- New Concepts in the Treatment of AAA: the Nellix Experience
- Advanced Techniques using Covered Stents for the Treatment of Aorto-Iliac Occlusive Disease
- Conquering Calcified Femoro-popliteal CTOs: New Technology that Gets the Job Done

2014 Vascular Society of New Zealand AGM 21st – 23rd February Wellington

- Zone 0-1 TEVR Auckland Experience

Charing Cross Symposium London, United Kingdom 5th – 8th April

- Bioresorbable Developments: "Leave Nothing Behind"
- EVAS for Difficult Cases
- Image Fusion (CT or MR with DSA) Continues to Evolve

APCCVIR, Singapore 15th-18th May 2014

- Endovascular Aneurysm Sealing (EVAS) for AAA a Paradigm Shift?
- Endovascular Strategies for Complex CTO Lesions in the Lower Limb
- Fusion Roadmap in IR

Critical Issues in Aortic Endografting, Malmo, Sweden 27th – 28th June 2014

- No neck is needed: treat the aneurysm instead!
- New directions with the Ventana stent graft

Interventional Radiology Society of Australasia, Queenstown, 26th – 28th August

- Advanced techniques for aorto-iliac occlusive disease
- Endovascular aneurysm sealing with Nellix: an update

CIRSE 2014, Glasgow, Scotland 13th-17th September 2014

- Bioabsorbable stents have a future: Pro
- Fusion for peripheral artery disease

VEITH Symposium 2014, New York, USA 17th – 22nd October 2014

- Endovascular Aneurysm Repair: Managing the Ruptured Iliac Aneurysm
- The NELLIX EVAS FORWARD Global Registry: Early Results in 250 Patients
- Third Generation Bioabsorbable Self-Expanding DES Will Improve Results In Lower Extremity Occlusive Disease: Results With The Stanza DR Stent
- A New More Conformable Covered Stent From Gore: Advantages, Limitations And Clinical Results
- Extreme Anatomy May Represent Real-World Experience: How Aorfix™ is Able to Treat the Extreme
- Lithoplasty for Treatment of Calcified Lesions: SFA/Popliteal Clinical Results

VERVE Symposium 2014, Sydney 4th-6th December 2014

- First in Man Experience with the Next Generation SMART Flex Stent

- Renal Artery Stenting: What Can We Take from CORAL and How I Select Patients in My Practice

2015

Leipzig Interventional Course (LINC) 27th – 30th January, Leipzig Germany

- How I Use Drug Eluting Devices in My Practice
- Complication Management in BTK Procedures
- First experiences and innovative approach with a new balloon expandable endoprosthesis
- The Shockwave lithoplasty concept: finally the solution for calcified lesions?
- The Auckland experience with the Nellix EVAS system
- Choosing the right device for your patients: When Aorfix meets the challenge

Vascular Society of New Zealand AGM 20th – 22nd February Dunedin

- Future of Abdominal Aortic Endografts

Aortic Asia, Singapore 9th – 10th April 2015

- First in Man Research at Auckland Hospital
- Endovascular Aneurysm Sealing for AAA: Why I Use Nellix

Charing Cross Symposium London, United Kingdom 28th April – 1st May

- 3D Lower Limb Perfusion During Critical Limb Ischaemia Intervention
- Early Outcomes with a new flexible stent graft for iliac disease
- My stent rate fort superficial femoral artery disease is increasing
- Bioresorbable stent 480° Biomedical
- Shockwave lithoplasty for calcified arteries
- Bioresorbable scaffolds in lower limb arteries
- First in man experience with the Cook Scoring Balloon in haemodialysis fistula stenosis
- Choosing the right device for your patients when Aorfix meets the challenge
- The impact of EVAS on secondary intervention compared with EVAR

Interventional Society of Australasia (IRSA) ASM, Bali, Indonesia 10th – 16th July

- Running a First in Man Study
- Image Fusion for Percutaneous Ablation
- The Popliteal Artery Is It Different?
- VERVE meets IRSA Lithoplasty
- Embolisation and Ablation How Often Do I Use Dual Therapy?

VEITH Symposium 2015, New York, USA 17th – 21st November 2015

- Early Feasibility Study Experience Treating Advanced Iliac Disease with the GORE® VIABAHN® BX Balloon Expandable Endoprosthesis
- Extensive Aorto-iliac Occlusive Disease: A Modified CERAB Technique
- Imaging After Nellix EVAS normal appearances on non-CT modalities and complications
- Aorfix Endograft with the New TruFlex Delivery System for EVAR: Technique and Advantages

- Shockwave Lithoplasty: A Balloon that Transmits Shockwaves to Crack Heavily Calcified Lesions and then Dilate Them
- Key Points From The Global Registry And How To Prevent, Diagnose And Treat Type IA Endoleaks

VERVE Symposium 2015, Sydney 3rd - 5th December 2015

- Update of the Nellix Global Forward Registry
- Complication Management in BTK Procedures
- Introducing INTELLIFLEX LP The New Aorfix Delivery System
- A Novel Lithotripsy Assisted Angioplasty Balloon: Early Experience in the Treatment of Severe Infra-inguinal Calcification
- New Developments in SFA Intervention

2016

Leipzig Interventional Course (LINC) 26th – 29th January, Leipzig Germany

- Why my stent usage is increasing
- Early results for the chocolate touch drug-coated PTA balloon catheter for the treatment of femoro-popliteal lesions
- Crossing techniques for calcified CTOs
- Aorfix: a proven AAA therapy, treats the simplest to the most complex anatomies with the advanced INTELLIFLEX LP delivery system
- Techniques and results of percutaneous procedures for Leriche syndrome
- Nellix EVAS Key Learnings from the Global Registry and Personal Experience
- DEBATE: The use of EVAR polymer is a huge advantage for hostile aortic necks

VSNZ Tauranga 19th – 21st February

- Leriche Syndome: Techniques and Results of Percutaneous Procedures

Symposium on Aneurysm Sealing, London March 11th – 12th

- Nellix EVAS; Update on the Global Registry
- The use pf parallel grafts with Nellix for internal iliiac artery preservation
- Diagnosing complications after Nellix EVAS
- Late failure modes after Nellix EVAS

APCCVIR, Suzhou, China 22nd – 24th April

- Nellix Endovascular Sealing System in AAA Clinical Applications and Trial Results
- The Use of Percutaneous Closure in Peripheral Intervention
- Shockwave Lithoplasty for Calcified Femoro-popliteal Lesions

Charing Cross Symposium London, United Kingdom 26th April – 29th April

- Early clinical experience with lithoplasty/OCT
- Chocolate drug-coated balloons
- New delivery system improves EVAR experience
- 6 month results of scoring balloon for vascular access
- Arsenal aneurysm sac filling/sealing with any EVAR device
- The different appearance of endoleaks after EndoVascular Aneurysm Sealing

- Special Techniques of New Nellix
- Lithotripsy for calcified lesions

ANZSVS, Sydney, Australia 5th – 8th August

- The advantages of endovascular aortic sealing over traditional aortic endografting
- Drug-eluting technologies offer the best potential for femoro-popliteal patency
- Gore Lunchtime Symposium "Patency matters"
- Intervention in Acute Asymptomatic Aortic Dissection

CIRSE, Barcelona, Spain 10th – 14th September

- Lithoplasty: Last frontier in calcium modulation
- Abdominal Aorta: Approaches to the Challenging Proximal Neck-Fenestrated EVAR
- Shockwave Symposium Early clinical experience and role of imaging in vascular calcium
- Challenging Questions in CLI Intervention How Can Imaging Support?
- A bad day in the angio-suite: case-based discussion

Japanese College of Angiology, Osaka, Japan 13th – 14th October

- Nellix and Ovation Paradigm Shifting Polymer Technology for AAA
- Challenges and Solutions for EVAR in 2016

VEITH Symposium 2016, New York, USA 14th – 18th November 2016

- Value and Advantages Of The Chocolate Balloon PTA Catheter (TriReme/Cordis): Theory Of Its Pillows And Groove Technology And Clinical Results (The ENDURE Trial)
- A New Approach To Calcified Femoral Artery Lesions Lithoplasty
- The Arsenal AAA Sac Filling System (Medtronic) For EVAR: How Does It Work; What Is Its Value: Early Results
- Long-Term Perspective On The Nellix Endograft From Endologix For Endovascular AAA Sealing (EVAS): From The GLOBAL FORWARD Registry: Will Nellix Be A Game Changer
- New VIABAHN® Balloon Expandable Stent-Graft (From Gore): Its Value And 1-Year Results In Treating Iliac Artery Occlusive Disease: The VIABAHN® BX Trial

VERVE Symposium 2015, Sydney 1st – 3rd December 2016

- History and Evolution of Ovation and Nellix Science behind the polymer technology in AAA's and first in man designs
- Novel Balloon Expandable Covered Stents for Aortoiliac Occlusive Disease: New Trial Data Makes for an Interesting Comparison
- Theory and Evidence to Support use of the Ranger Balloon
- The Endovascular Management of Le Riche Syndrome: There are Many Ways to Skin a Cat
- The Use of Shockwave Lithoplasty for Calcified Femoro-popliteal Lesions

Leipzig Interventional Course (LINC) 24th – 27th January, Leipzig Germany

- Covered stents finally the golden standard for complex aortoiliac disease?
- An Alternative Treatment Option or Calcified Lesions in the CIA
- Dealing with Calcification in BTK Arteries is Lithoplasty the Answer?
- EVAS with Parallel Grafts for Challenging Neck Anatomy Results from the ASCEND Registry
- The Arsenal AAA sac filling system for EVAR: How does it work? What is its value?
- Final results of the feasibility study for the drug-coated Chocolate Touch PTA balloon of femoropopliteal lesions
- Ovation ALTO Procedure
- Final results of the BOLSTER study: A prospective, multicenter study of a balloon-expandable ePTFE-covered stent for obstructive lesions in the iliac artery
- Technical aspects for treating AV fistula with IN.PACT DCB

Society of Interventional Radiology, 4th – 9th March, Washington, USA

- Complex Aortic Intervention: Aneurysm and Dissection
- Meet the Experts: Aortic Session
- Categorical Course on EVAR: Device selection and tips, tricks, and techniques for implantation

Symposium on Aneurysm Sealing, 23rd – 24th March, London, United Kingdom

- New Techniques and Devices for EVAR
- My Approach to the Hostile Neck

IR Image Guided Endovascular Therapy (IGET) Symposium, 7th – 8th April, Seoul Korea

- Global registry results and lessons from comparison with US IDE trial
- The impact of cardiac and respiratory motion on branch stents in Ch-EVAS
- Nellix EVAS in iliac artery disease; methods to preserve the internal iliac artery
- State of Nellix lecture

Charing Cross Symposium, 24th – 28th April, London, United Kingdom

- Head-to-head comparisons of drug-coated balloons
- Technique for delivery of branched grafts during chimney or juxta-renal aortic procedures
- First in Human value of Ovation ALTO
- _Aorfix new IntelliFlex delivery system for improved control in challenging anatomies
- IN.PACT drug-coated balloon in the treatment of AV fistula evidence, tips and tricks
- Safety and Performance of the Shockwave Lithoplasty® System in treating calcified peripheral vascular lesions: Intravascular OCT Analysis
- Arsenal wins every time

Radiology Asia, 19th – 20th May, Singapore

- New Approaches to Calcified Femoropopliteal Lesions

Asia-Pacific Congress of Interventional Oncology, New Dehli, India 25th-27th August

- Recanalisation of Tibial CTOs tips and tricks, troubleshooting
- New Devices and Technologies for Endovascular Aortic Aneurysm Repair
- New Concepts in the Management of Aneurysms
- DEBATE: Stenting across the joint in the extremity arteries is NOT a bad idea
- The burden of calcium & treatment solutions in obstructive peripheral vascular disease

VIVA Symposium, Las Vegas, USA 11th-14th September

- Strategies on the frontline – challenging tibial cases

CIRSE, Copenhagen, Denmark 16th-20th September

- AAA plus Iliac Occlusive Disease Still Suitable for EVAR?
- The Clinical and Biological Advantages of Active Sac Management
- Anything Left for SFA Treatment New Drugs, New Tools?
- IDEAS Expert Case Discussion: Balloon Assisted Branch Entry

VEITH Symposium, New York, USA 13th-18th November

- The Use of a Compliant Balloon to Facilitate EVAR and EVAS Procedures
- A New Medium to Small Vessel Embolic Protection Device (From Shape Memory) The IMPEDE Trial
- Type 1A Endoleaks After Nellix EVAS: How to Prevent Them and How Best to Treat Them with ${\rm Ch/EVAS}$
- Prevention and Treatment of Complications during Endovascular Treatment of Complex Lower Extremity Lesions

VERVE Symposium, Sydney, Australia 7th-9th December

- Management of the False Lumen in Chronic Aortic Dissection
- Balloon Expandable Covered Stents in Arterial Interventions Suddenly a Crowded Space!
 - A Head-to-Head Comparison of DCB in the Femoro-popliteal Segment
- DEBATE: Long term results from clinical trials prove that EVR is a failed experiment

2018

Leipzig Interventional Course (LINC) 30th January – 2nd February, Leipzig, Germany

- Advantages of an indication for the GORE® VIABAHN® VBX Balloon Expandable in treating aorto-iliac disease
- Shockwave Lithoplasty System Treatment of calcified Lesions: Intravascular OCT Analysis
 - The PRELUDE study: PRospective Study for the TrEatment of Atherosclerotic Lesions in the Superficial Femoral and/or Popliteal Arteries Using the Serranator® DevicE
- Technique for delivery of branched grafts during chimney or juxta-renal aortic procedures
 - Nellix: Lessons learned from the EVAS Forward Global Registry and the future role of polymer sealing in AAA management

- Update on the IN.PACT AV access trial
- Balloon expandable covered stents in aorta-iliac occlusive disease: Suddenly a crowded space

Asia-Pacific Society of Cardiovascular and Interventional Radiology (APSCVIR), 8th – 11th March, Auckland, NZ

- Case Based Discussion: Interventional Radiology for HCC
- Liver Microwave Ablation with Philips PercuNav
- Drug Eluting Technologies: Femoro-popliteal Arterial Interventions in 2018
- Management strategies for severe infra-renal neck angulation and iliac artery tortuosity
- Drug Coated Balloon Angioplasty in Dialysis Access Intervention: The MEDTRONIC IN.PACT AV Access Trial
- Lithoplasty for Calcified Lower Limb Arteries
- Management of the False Lumen in Chronic Aortic Dissection

Charing Cross Symposium, 24th – 27th April, London, United Kingdom

- Endovascular first for critical limb ischaemia is a concept without evidence Against the motion
- Endovascular Aneurysm Sealing After 5 Years of Clinical Use: Current Status and Future Directions
- Sirolimus bioresorbable scaffold—an update on the DESappear trial
- IN.PACT AV access procedural characteristics update
- Novel treatment strategy with intravascular lithoplasty for calcified, arterial stenosis
- Early experience with first branched off-the-shelf endovascular system to treat aortic arch disease
- Comparing trial data in the management of calcified arteries

Japanese Society of IR/ISIR, 30th May – 2nd June, Tokyo, Japan

- New Treatments for the Superficial Femoral Artery in 2018
- New Management Options for Hostile Neck and Juxta/Pararenal Aneurysms

Asian Society of Vascular Surgery (ASVS) ASM, 12th – 14th July, Guangzhuo, China

- The Superficial Femoral Artery Toolkit
- Research That Guides Me: The SFA Data
- Debate: Open first or Endo first for critical limb ischemia
- How to Choose BMS, DES, Covered Stent Graft and BVS
- Management of Calcification in the Peripheral Arteries
- EVAS: Advantages of Aneurysm Sac Filling

CIRSE, 22nd – 25th September, Lisbon Portugal

- DISRUPT PAD IIf Primary Outcomes and Mechanistic Actions of Intravascular Lithotripsy in Complex Calcified Femoropopliteal Arteries
- Polymer EVAR with Ovation: Results from ENCORE
- Proximal neck issues in EVAR Do new device developments help us?
- Endovascular treatment of long SFA lesions: DCB or stents
- Femoropopliteal endovascular masterclass New treatment options

ANZSVS, 29th September – 1st October, Auckland New Zealand

- Management of the false lumen in chronic aortic dissection
- EVAS: Advantages of aneurysm sac filling
- Intravascular lithotripsy for the management of calcified arterial disease
- The use of DCBs in AV access intervention: the Medtronic AV access trial

Veith Symposium, 12th – 17th November, New York, USA

- Non-fenestrated options for treating patients with short, diseased proximal aortic neck
- Shockwave Lithoplasty In Calcified Tibial Artery Lesions: How Well Does It Work
- Comparison Of 4 Balloon Expandable Covered Stents For Treatment Of Aorto- Iliac Occlusive Lesions: iCAST Or Advanta V12 Atrium (Maquet/Getinge); VBX (Gore); Lifestream (Bard/BD); BeGraft (Bentley); Which, Where And When
- Internal iliac artery preservation using parallel grafts successes and mistakes
- Worldwide Update On The Nellix Endograft For EVAS: From The GLOBAL 2 Registry And EVAS IDE 2 Trial: Both Assess New Improvements In The Device And Its IFU
- Compliant Balloon Assisted Branch Entry To Facilitate Difficult Branch Artery Wire And Catheter Entry During F/EVAR: How It Works

2019

ISET 27th – 30th January 2019, Miami, Florida USA

- Endovascular Sealing: Pros and Cons
- Early Experience with the Ovation Alto Device: Potential Benefits
- Lithotripsy for PAD Intervention: Is it Real? Is it Worth it?
- Vessel Prep: The Use of Atherectomy, Scoring and Lithotripsy
- Management of Uncomplicated Type B Dissections: Medical vs Endovascular
- Chimney Technique with use of the EVAS Device
- Zone 0 and 1 TAA: Current Endovascular Approaches

Vascular Society of New Zealand 1st – 3rd March 2019, Napier

- Advances in endovascular management of diabetic foot disease
- 30 Years of SFA Endovascular Treatment

Society of Interventional Radiology (SIR), 23rd – 28th March 2019, Austin, Texas USA

- Novel IR Techniques for HCC in the Asia-Pacific Region: HCC in the Asia-Pacific
- New Approaches to Arterial Calcification

Charing Cross Symposium $15^{th} - 18^{th}$ April 2019, London UK

- Treating iliac occlusive disease with a covered endoprosthesis
- Debate: In the absence of suitable venous graft material prosthetic bypass is the answer
- Optimised treatment strategies for post-PTA dissection
- Edited case: IN.PACT drug-coated balloon in AV access
- IN.PACT AV: Baseline data from the full cohort
- DEBs: Is the data on PVD applicable to vascular access?

- Temporary drug-coated Spur system to address the challenges of DCB technology
- Intravascular lithoplasty: Study status (DISRUPT PAD II and III) and lessons learnt from a real-world registry
- Final results of preclinical study comparing drug delivery on 0.018" vs. 0.035" DCB platforms