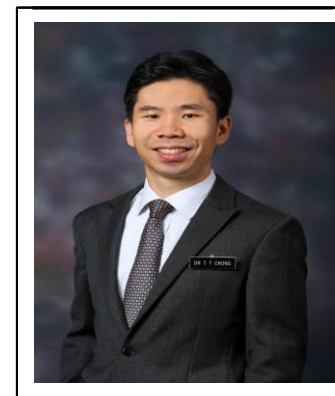


Duke-NUS / SingHealth CV Template

Updated as at 02-November-2018



(1) Personal Particulars

Full Name : Chong Tze Tec

Last Name : Chong

Date of Birth : 25-Nov-1976

Nationality : Malaysian

Gender : Male

Home Address : , 3A, Kwong Ave, Singapore, 348875

Tel no : _____

Email (work) : chong.tze.tec@singhealth.com.sg

(2) Brief Biography

Dr Chong graduated from the University of Sydney with MBBS (First class honours). He did his general surgery training at Johns Hopkins Hospital, Baltimore and Tufts New England Medical Center, Boston. Upon being awarded the John Homan's fellowship, he pursued his subspecialty training in vascular and endovascular surgery at Brigham and Women's Hospital, Harvard Medical School. He is double boarded by the American Board of Surgery in general surgery and vascular surgery. He was then recruited to Brown Alpert School of Medicine to develop their vascular and endovascular surgery program at The Miriam and Rhode Island Hospitals. After four successful years of practice, he has relocated to Singapore with his family to be at SGH.

His clinical interests are in all aspects of vascular and endovascular surgery including carotid artery surgery and stenting, aortic aneurysm repair (open and minimally invasive), lower extremity revascularization, and varicose vein treatments. He also strongly believes in medical education of the next generation of doctors, he is currently the Vice Chair Undergraduate Education in Surgery ACP and Assistant Dean at Duke-NUS Graduate Medical School.

(3) Current Appointment Details

(Please refer to section (7) Appointments & Positions (Employment History) for more information)

Institution of Primary Appointment: Singapore General Hospital

Present Rank(s) and Title(s) in Duke-NUS: Associate Professor

(4) Educational & Training Qualifications

<u>Qualification</u>	<u>Country</u>	<u>Name of School / Institute / University</u>	<u>Date of Attainment</u>	<u>Highest Qualification</u>
B of Med, B of Surg	AUSTRALIA	University of Sydney	2001	X

(5) Certification & Licensure

(A) Medical Professional Licence

<u>Licensing Board</u>	<u>Licensing Number</u>	<u>Date (DDMMYYYY)</u>	<u>Country</u>
Singapore Medical Council	18204D	01/11/2012	SINGAPORE
Rhode Island	MD12756	01/07/2008	USA
Massachusetts	227732	01/06/2006	USA

(B) Specialty Certificate

<u>Certificate Board</u>	<u>Certificate Number</u>	<u>Name of Medical Sub-Specialty</u>	<u>Year</u>	<u>Country</u>
Singapore Specialist Accreditation Board	004926	General Surgery	2012	SINGAPORE
American Board of Surgery (Vascular Surgery)	1020185	Vascular Surgery	2010	USA
American Registry for Diagnostic Medical Sonography (RPVI)	128207	Vascular Ultrasound	2008	USA
American Board of Surgery (General Surgery)	052599	General Surgery	2007	USA
USMLE Step 3			2002	USA
ECFMG			2001	USA
USMLE Step 2			2000	USA
USMLE Step 1			1998	USA

(6) Membership in Professional & Academic Societies

<u>Organisation(s)</u>	<u>Rank / Title / Position</u>	<u>From (YYYY)</u>	<u>To (YYYY)</u>
Medical Society of Sydney University	Member	1995	
Johns Hopkins Medical and Surgical Society	Member	2001	
American College of Surgeons	Fellow	2002	
Society for Vascular Surgery	Fellow	2006	
Society of Brigham Surgical Alumni	Member	2008	
International College of Surgeons	Fellow	2009	
Rhode Island Medical Society	Member	2009	
Rhode Island Chapter, American College of	Member	2010	

Surgeons			
New England Society for Vascular Surgery	Fellow	2010	
Academic Medicine Education Institute	Member	2013	

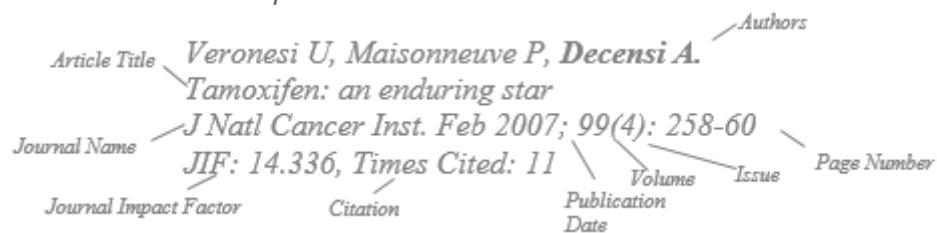
(7) Appointments & Positions (Employment History)

Listing of all professional training and work experience to-date, i.e. training rotations, past and present appointments, beginning with the first postgraduate position.

<u>Training Type</u>	<u>Institution / Hospital</u>	<u>Rank / Title / Position</u>	<u>From (MM/YYYY)</u>	<u>To (MM/YYYY)</u>
Academic/Clinical	Royal Prince Alfred Hospital, Sydney	Intern	01/2001	12/2001
Academic/Clinical	Johns Hopkins Hospital, Baltimore	Surgical Resident	01/2001	12/2004
Academic/Clinical	Tufts Medical Center	Chief Surgical Resident/Instructor in Surgery	01/2004	12/2006
Academic/Clinical	Brigham and Women's Hospital/Harvard Medical School	John Homan's Fellow in Vascular Surgery, Associate Surgeon	01/2006	12/2008
Academic/Clinical	Brown Warren Alpert Medical School	Attending Surgeon	01/2008	12/2012
Academic/Clinical	Brown Warren Alpert Medical School	Assistant Professor of Surgery	01/2008	12/2012
Academic/Clinical	Brown Warren Alpert Medical School	Medical Director	01/2008	12/2012

(8) Publications

*Inclusive of Authors, Article Title, Journal Name, Date of Publication, Volume / Issue / Pages with candidate's name in **bold**. For example:*



Sequential listing of publications (#1 being the oldest) excluding publications that are submitted for review but have not been accepted or published.

(A) Refereed Journals

Refereed articles are scientific publications that have active editorial boards and a system of critical review of all submission for publication.

(i) Original Articles

1.	Chong Tec; Alejo Diane E; Greene Peter S; Redmond J Mark; Sussman Marc S; Baumgartner William A; Cameron Duke E Cardiac valve replacement in human immunodeficiency virus-infected patients.
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	The Annals of thoracic surgery 2003; 76(2):478-80; discussion 480 (Article; Published in Print)
2.	Chong T , Khalpey Z, Gross C, Gates JD. Compartment Syndrome: a unique presentation Grand Rounds 2008; 8:31-34 (Article; Published in Print)
3.	Robinson WR, Owens CD, Nguyen LL, Chong T , Conte MS, Belkin M. Inferior outcomes of autogenous infrainguinal bypass In hispanics: an analysis of ethnicity, graft function and limb salvage Journal of vascular surgery 2009; 49:416-425 (Article; Published in Print)
4.	Chong Tec; Nguyen Louis; Owens Christopher D; Conte Michael S; Belkin Michael Suprarenal aortic cross-clamp position: a reappraisal of its effects on outcomes for open abdominal aortic aneurysm repair. Journal of vascular surgery 2009; 49(4):873-80 (Article; E-Published Ahead of Print)
5.	Tan TW, Chong TT , Marcaccio EJ Jr.. Popliteal vein thrombosis after radiofrequency ablation of greater saphenous vein for varicose vein Annals of vascular surgery 2010; 24(8):1136e13-1136e15 (Article; Published in Print)
6.	Chong T , Belkin M. Infrainguinal bypass surgery Italian Journal of Vascular and Endovascular Surgery 2012; 19(1):51-58 (Article; Published in Print)
7.	Ratanaprasatporn L, Gonsalves G, Garcia-Toca, Slaiby J, Marcaccio E, Chong T . Bilateral deep femoral vein thrombosis Journal of Vascular Ultrasound. 2012; 36(4):274-276 (Article; Published in Print)
8.	Johnstone Jill Kathleen; Garcia-Toca Manuel; Slaiby Jeffery M; Marcaccio Edward J; Chong Tze Tec Escherichia coli primary aortitis presenting as sequelae of incompletely treated urinary tract infection. Journal of vascular surgery 2012; 55(6):1779-81 (Article; E-Published Ahead of Print)
9.	Johnstone Jill K; Slaiby Jeffery M; Marcaccio Edward J; Chong Tze Tec; Garcia-Toca Manuel Endovascular repair of mycotic aneurysm of the descending thoracic aorta. Annals of vascular surgery 2013; 27(1):23-8 (Article; E-Published Ahead of Print)
10.	Watson Jennifer; Slaiby Jeffrey; Garcia Toca Manuel; Marcaccio Edward J; Chong Tze Tec A 14-year experience with blunt thoracic aortic injury. Journal of vascular surgery 2013; 58(2):380-5 (Article; E-Published Ahead of Print)
11.	Lin Zhimin; Chng Jack Kian; Chong Tze Tec; Soo Khee Chee Renal pelvis squamous cell carcinoma with inferior vena cava infiltration: Case report and review of the literature. International journal of surgery case reports 2014; 5(8):444-7 (Article; E-Published Ahead of Print)

12.	Rajae Sareh; Cherkassky Leonid; Marcaccio Edward J; Carney Wilfred I; Chong Tze Tec; Garcia-Toca Manuel; Slaiby Jeffrey M Open revascularization procedures are more likely to influence smoking reduction than percutaneous procedures. Annals of vascular surgery 2014; 28(4):990-8 (Article; E-Published Ahead of Print)
13.	Chong Tze Tec; Soo Khee Chee General Surgery (GS) Residency Selection Process: A Comparison Between Singapore (Singhealth) and United States. Annals of the Academy of Medicine, Singapore 2014; 43(5):288-90 (Article; Published in Print)
14.	Chan Dexter Yak Seng; Chong Tze-Tec Carotid Subclavian Bypass and Stent Grafting for Mycotic Pseudoaneurysm of Right Subclavian Artery. Annals of vascular surgery 2015; 29(7):1448.e11-4 (Article; E-Published Ahead of Print)
15.	Ng Nick Z P; Chong Tze Tec Endovascular Aneurysm Repair (EVAR) of an Infrarenal Abdominal Aortic Aneurysm (AAA) in a Young Patient with Systemic Lupus Erythematosus (SLE). EJVES short reports 2017; 37:8-11 (Article; E-Published Only (Never in Print)/E-collection)
16.	Ang H, Lin J, Huang YY, Chong TT, Cassese S, Joner M, Foin N Drug-Coated Balloons: Technologies and Clinical Applications Current Pharmaceutical Design 2017; N.A.:N.A.-N.A. (Article; E-Published Ahead of Print)
17.	Lee Kian-Guan; Chong Tze-Tec; Goh Nicholette; Achudan Shaam; Tan Yi-Liang; Tan Ru-Yu; Choong Hui-Lin; Tan Chieh-Suai Outcomes of arteriovenous fistula creation, effect of preoperative vein mapping and predictors of fistula success in incident haemodialysis patients: A single-centre experience. Nephrology (Carlton, Vic.) 2017; 22(5):382-387 (Article; Published in Print)
18.	Chia Cheow Soon; Tay Luke Hsien Tsung; Wang John Chaw Chian; Chong Tze Tec; Tay Kiang Hiong; Choke Edward Tieng Chek Treatment of an Aortic Arch Aneurysm with Scalloped and Fenestrated Thoracic Stent Graft and Left Carotid to Subclavian Artery Bypass. Annals of vascular surgery 2017; 40:300.e11-300.e15 (Article; E-Published Ahead of Print)
19.	Chew MH, Yeh YT, Toh YL, Sumarli SA, Chew GK, Lee LS, Tan MH, Henedige TP, Ng SY, Lee SK, Chong TT , Abdullah HR, Goh TLH, Rasheed MZ, Tan KC, Tang CL. Critical evaluation of contemporary management in a new pelvic exenteration unit: The first 25 consecutive cases World Journal of Gastrointestinal Oncology 2017; 9(5):218-227 (Article; In Press)
20.	Tiwari Alok; Chong Tze Tec; Tang Tjun Y Re: "Catheter Foam Sclerotherapy of the Great Saphenous Vein, with Peri-saphenous Tumescence Infiltration and Saphenous Irrigation"-Is Modified Catheter Foam Sclerotherapy a Step Back in the Evolution of Endovenous Ablation for Varicose Veins? European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery 2018; 55(2):290-291 (Article; E-Published Only (Never in Print)/E-collection)

21.	Giorgi Marcoandrea , Ryder Beth A. , Chong Tec , Malek Junaid , Sangisetty Suma , Roye Gary Dean , Stafford Todd , and Vithiananthan Sivamainthan Safety of Retrievable Inferior Vena Cava Filter Placements in High-Risk Bariatric Surgery Patients Bariatric Surgical Practice and Patient Care 2018; 13(1):N.A.-N.A. (Article; Published in Print)
22.	Yap HY, Pang SC, Tan CS, Tan YL, Goh N, Achudan S, Lee KG, Tan RY, Choong LH, Chong TT. Catheter-related complications and survival among incident hemodialysis patients in Singapore The Journal of Vascular Access 2018; N.A.:N.A.-N.A. (Article; E-Published Ahead of Print)
23.	Jeffrey Hing JX, Ch'ng JK, Tay KH, Chong TT Greater Compliance within Instruction for Use for Concomitant Iliac Aneurysms and Adverse Aneurysm Characteristics-Initial Experience with the Nellix Endovascular Aneurysm Sealing System at a Single Institution Annals of vascular surgery 2018; N.A.:N.A.-N.A. (Article; E-Published Ahead of Print)
24.	Tiwari A, Chong TT, Walsh SR, Davies AH, Tang TY Reporting outcomes of new and old endovenous technologies using a standardized dataset - Now is the time for change ; N.A.:N.A.-N.A. (Article; E-Published Ahead of Print)
25.	JR Kwan, TT Chong, M Foo, CS Tan Outcomes following peritoneal dialysis catheter removal with re-insertion or permanent transfer to hemodialysis The Journal of Vascular Access 2018; N.A.:N.A.-N.A. (Article; In Press) Phlebology 2018
26.	D Aw, Yap HY, Tay KH, Chong TT Case Report of Ethanol & Cyanoacrylate Embolization of a Recurrent Uncontrollable Tormentally Bleeding Finger Arteriovenous Malformation European Journal of Vascular and Endovascular Surgery 2018; N.A.:N.A.-N.A. (Article; In Press)
27.	Tiwari A ; Chong TT; Wang JCC; Choke ETC; Tang TY; Regarding "Double prepuncture as a valuable adjuncture technique for complex endovenous ablation" J Vasc Surg Venous Lymphat Disord. 2018 May; 6 (3) : 420
28.	Jeffrey Jun Xian Hing; Jack Kian Ch'ng; Kiang Hiong Tay; Tze Tec Chong Limb stent occlusion from intraoperative Nellix stent migration and prolapse Annals of vascular surgery 2018; Jul 25; pii: S0890-5096(18)30496-5
29.	Tang TY; Walsh SR; Chong TT; Choke ETC; Tiwari A Results of the EVRA trial will be a game-changer for the management of every venous ulcer Phlebology 2018; Jul 31 : 268355518791886
30.	Ru Yu Tan; Tze Tec Chong; Fu Chieh Tsai; Suh Chien Pang; Kian Guan Lee; Apoorva Gogna; Alicia Huiying Ong and Chieh Suai Tan A pilot study on adjunctive use of parametric colour-coded digital subtraction angiography in endovascular interventions of haemodialysis access

	BMC Medical Imaging 2018; Sep 15; 18(1) : 28
31.	Hao Yun Yap; Hsien Tsung Tay; Jack Kian Ch'ng; John Chaw Chian Wang; Kiang Hiong Tay; Tze Tec Chong; Edward Tieng Chek Choke Fenestrated Endovascular Repair of Zone 1 and 2 Aortic Arch Pathologies Annals of vascular surgery 2018; Sep 26; pii: S0890-5096(18)30770-2

(ii) Review Articles

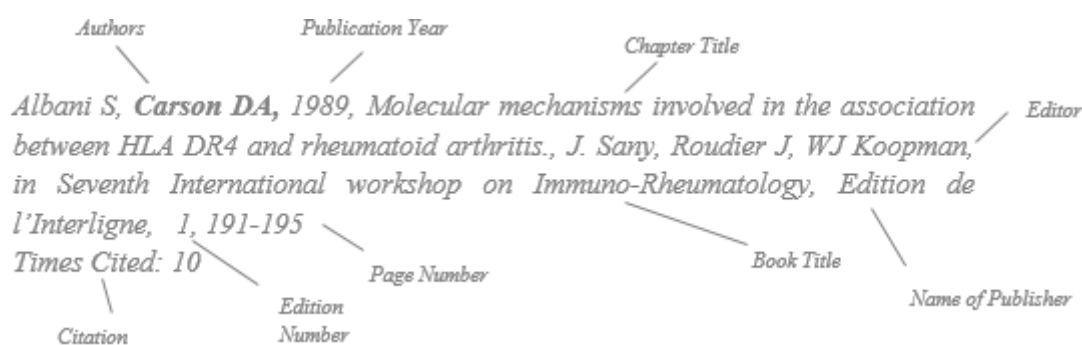
(iii) Letters (e.g. to Editor), Editorials & Case Reports

(B) Non-Refereed Publications

Non-refereed publications refer to those which do not routinely use a system of critical review prior to publication; such articles are often solicited by the publisher.

(i) Reviews Articles

(ii) Books & Chapters



(iii) Letters (e.g. to Editor), Editorials & Case Reports

(iv) Abstracts (Optional)

1. Chong T, Alejo DE, Greene PS, Redmond JM, Sussman MS, Baumgartner WA, Cameron DE.
Cardiac valve replacement in human immunodeficiency virus-infected patients.
Southern Thoracic Surgical Association, San Antonio TX, 2001

2. Chong T, Nguyen LL, Owens CD, Conte MS, Belkin M.
Suprarenal aortic cross clamp position: a reappraisal of its effects on outcomes for open abdominal aortic aneurysm (AAA) repair.
Society for Clinical Vascular Surgery, Las Vegas 2008

3. Robinson WR, Owens CD, Chong T, Conte MS, Belkin M.
Inferior outcomes of autogenous infrainguinal bypass In hispanics: an analysis of ethnicity, graft function and limb salvage
Vascular Fellows Conference, NYC 2008

4. Chong T, Slaiby J, Carney W, Marcaccio E.
Carotid stenting: Where do we stand in 2009?
International College of Surgeons, Montreal 2009

5. Rajae S, Chong T.
Endovascular stenting of bilateral iliac TASC D lesions
New England Society for Vascular Surgery, Rockport ME 2010

6. Tan T, Chong T, Carney W, Slaiby J, Marcaccio E.
Infra-popliteal leg bypass with polytetrafluoroethane graft for critical limb ischemia
Society for Clinical Vascular Surgery
Orlando FL, 2011

7. Tan T, Yeh C, Chong T, Carney W, Marcaccio E, Slaiby J.
Predictor of aneurysm sac enlargement with persistent type 2 endoleak after endovascular abdominal aortic aneurysm repair
American College of Surgeons
San Francisco CA, 2011

8. Rajae S, Marcaccio E, Carney W, Chong T, Garcia-Toca M, Slaiby J.
PAD patients who undergo more invasive revascularization procedures are more likely to decrease or quit smoking
Peripheral Vascular Surgical Society, Chicago IL, 2011

9. Chong T, Sangisetty S, Vithianathan S.
Effective use of inferior vena cava filters in high-risk morbidly obese patients undergoing bariatric surgery
SAGES, San Diego CA, 2012

10. Chong T.
Ultrasound guided thrombin injection of arterial pseudoaneurysms
International College of Surgeons
Atlanta, GA 2012

11. Watson J, Slaiby J, Garcia-Toca M, Marcaccio E, Chong TT.
Blunt thoracic aortic injury: A 14 year experience at a level 1 trauma center

New England Society for Vascular Surgery
Boston, MA 2012

12. G Tay, Chong TT
Diabetic muscle infarction of the gastrocnemius – A case report and review of the literature
Singhealth Surgery Congress, Singapore, 2013

13. Chong T.
Management of Lymphedema
Oman International Vascular Conference, 2013

14. Chong T.
Carotid Stenting – Where do we stand in 2013
Oman International Vascular Conference, 2013

15. Chong T, McAdams M, Goh SH, Compton S.
Clinical faculty final assessment does not correlate with continuous assessment results
APMEC, Singapore, 2014

16. Tan Z, Tay KH, F Irani, A Gogna, S Ramamurthy, R Lo, A Patel, SX Chan, Too CW, J Robertson, S Kumar, B Chua, Tan SG Chng SP, S Pasupathy, Chong TT, PM Khin, Tan BS
Effect of plantar arch integrity and number of crural vessel runoff on limb salvage rates.
SIR, San Diego, 2014

17. PM Khin, KH Tay, FG Irani, A Gogna, S Ramamurthy, CW Too, SX Ju, A Patel, R Lo, JP Robertson, S Kumar, B Chua, SG Tan, SP Chng, S Pasupathy, Chong TT, BS Tan
Lower limb amputation and the fate of the contralateral limb in patients with Critical Limb Ischemia (CLI)
APCCVIR, Singapore, 2014

18. ZM Lin, JK Chng, TT Chong, B Chua
Management of Mycotic Femoral Pseudoaneurysm in Intravenous Drug Abuser – Single Institute Experience
Asian Society for Vascular Surgeons, Hong Kong, 2014

19. YL Tan, Chong TT, Choong HL, Tan CS

Catheter related complications and survival among incident hemodialysis patients in Singapore
Dialysis Access Symposium, Seoul, 2015

20. Khaw BCK, Damodharan K, Leong S, Irani FG, Gogna A, Chan JMS, Patel A, Too CW, Lo GHR, Toh HWL, Venkatanarasimha N, Tan CS, Chong TT, Tay KH, Tan BS
Retrospective Cohor Study of Endovascular Therapy in the Salvage of Failing Arteriovenous Fistulas for Hemodialysis
Singapore Radiological Society ASM, Singapore, 2015

21. S Achudan, Tan CS, Chong TT
Effect of interventions on maturation and patency of fistulas in Singapore
International Society for Vascular Surgery Congress, Athens, 2015

22. Seo CJ, Chng JK, Tay KH, Chong TT
An alternative method for treating complex aortic emergencies in patients who are unfit for surgery – surgeon modified stent graft – a case report
SingHealth Surgical Congress, Singapore, 2015

23. N Goh, Tan CS, S Achudan, Tan YL, Choong HL, Chong TT
Outcomes of Vascular Access Creation in Incident Haemodialysis Patients In Singapore
American Society of Nephrology Kidney Week, San Diego, 2015

24. Chonkar S, Tan TK, Chong TT, Compton S, Kamei R, Cook S
Proposal for introducing Entrustable Professional Activities (EPAs) for medical students at Duke-NUS
SingHealth Duke-NUS Education Conference, Singapore 2015

25. Chan D, Chong TT
Carotid subclavian bypass and stent grafting for mycotic pseudoaneurysm of the right subclavian artery
Asian Society for Vascular Surgery, Bangkok, 2015

26. TT Chong
Treatment of iliac artery aneurysm in an Asian patient
Symposium on Aneurysm Sealing, London, 2016

27. M.Giorgi, D. Roye, T. Chong, J. Malek, J. Shim, S. Sangisetty, B. Ryder, T. Stafford, S. Vithiananthan
Safety of retrievable inferior vena cava filter placements in high risk bariatric surgery Patients
New England Surgical Society, Boston, 2016

28. Tai Jia Yi, Chong Tze Tec, Situ Hong, Wong Kai Wai Stephen, Yeo Shuan Khiag

Improving Access to Care for Vascular Surgery Patients
Singapore Healthcare Management, Singapore, 2016

29. Koh Guat Cheng, Siddhartha Sanyal, Loh Li See, Asiah Bte Abd Latif, Chia Koh Hua, Anne Goh, Stephen Wong, Yvonne Chan, Puspalatah D/O Satasivan, Yeo Shuan Khiag, Chong Tze Tec
From Papyrus to ClinDoc : How an outpatient centre shed paper medical records
Singapore Healthcare Management, Singapore, 2016

30. Sandy Cook, Yeo May May, Chonkar Sonali Prashant, Chong Tze Tec, Collen O'Connor, Edward George Buckley
Implementing an EPA-based Clinical Skills Feedback Form
Association of American Medical Colleges, Seattle Washington, USA, 2016

31. Marcoandrea Giorgi, G. Dean Roye, Tec Chong, Junaid Malek, Joon K Shim, Suma Sangisetty, Beth A Ryder, Todd Stafford, Sivamainthan Vithiananthan
Safety of Retrievable Inferior Vena Cava Filter Placements in High Risk Bariatric Surgery Patients
New England Surgical Society, 2016

32. JX Hing, JK Ch'ng, KH Tay, TT Chong
Greater compliance within instruction-for-use (IFU) for concomitant iliac aneurysms and adverse aneurysm characteristics- initial experience with the Nellix endovascular aneurysm sealing system (EVAS) at a single institution
Vascular & Endovascular Surgery Society, Steamboat Springs, 2017

33. Lee KG, Tan RY, Pang SC, Li HH, Goh Nicholette, Achudan Shaam, Tan YL, Choong HL, Tan CS, Chong TT
An external validation of failure to maturation risk equation in primary arteriovenous fistulas in multi-ethnic Asian hemodialysis patients
SGH 22nd Annual Scientific Meeting, 2017

34. Tze Tec Chong, Mara McAdams, Vivien Tang, Scott Compton
Influence of Non-Academic Factors on Assessments of Entrustable Professional Activities
AMEE, 2017

35. Edward Choke, Ch'ng Jack Kian, Tay Hsien Ts'ung, John Wang, Tay Kiang Hiong, Chong Tze Tec, Darius Aw
Early Experience and Outcomes of Fenestrated Endovascular Repair of Zone 1 and 2 Aortic Arch Pathologies – A Single Centre Review
ESVS 32rd Annual Meeting, Valencia Spain 2018

36. Tan Hiang Khoon, Ong Hock Soo, Chong Tze Tec, Teo Qi Tian
MRSA QI Session
BMJ International Forum, Quality & Safety in Healthcare 2018 Melbourne, Australia

37. Boey J, Koh MH, Tang TY, Chong TT

The Use of Topical Nitrox Oxygen Therapy on patients with recalcitrant diabetic foot wounds
Wound Healing Society of Singapore 2018

(C) Top 10 Publications (Optional for regular rank / Adjunct (1) Instructor and (2) Assistant Professor candidates)

Publications are ranked from the most impactful onwards.

Rank	Publication Category	Article Title	Publication Name	Edition No.	Publication Year	Remarks
1	Refereed Journals: Original Articles	Suprarenal aortic cross-clamp position: a reappraisal of its effects on outcomes for open abdominal aortic aneurysm repair.	Journal of vascular surgery	Not Applicable	2009	
2	Refereed Journals: Original Articles	Cardiac valve replacement in human immunodeficiency virus-infected patients.	The Annals of thoracic surgery	Not Applicable	2003	
3	Refereed Journals: Original Articles	A 14-year experience with blunt thoracic aortic injury.	Journal of vascular surgery	Not Applicable	2013	
4	Refereed Journals: Original Articles	Open revascularization procedures are more likely to influence smoking reduction than percutaneous procedures.	Annals of vascular surgery	Not Applicable	2014	
5	Refereed Journals: Original Articles	Inferior outcomes of autogenous infrainguinal bypass In hispanics: an analysis of ethnicity, graft function and limb salvage	Journal of vascular surgery	Not Applicable	2009	
6	Refereed Journals: Original Articles	Infrainguinal bypass surgery	Italian Journal of Vascular and Endovascular Surgery	Not Applicable	2012	
7	Refereed Journals: Original Articles	Outcomes of arteriovenous fistula creation, effect of preoperative vein mapping and predictors of fistula success in incident haemodialysis patients: A single-centre experience.	Nephrology (Carlton, Vic.)	Not Applicable	2017	
8	Refereed Journals: Original Articles	Escherichia coli primary aortitis presenting as sequelae of incompletely treated urinary tract infection.	Journal of vascular surgery	Not Applicable	2012	
9	Refereed Journals: Original Articles	General Surgery (GS) Residency Selection Process: A Comparison Between Singapore (Singhealth) and United States.	Annals of the Academy of Medicine, Singapore	Not Applicable	2014	
10	Refereed Journals: Original Articles	Endovascular repair of mycotic aneurysm of the descending thoracic aorta.	Annals of vascular surgery	Not Applicable	2013	

(D) h-index

Required for (1) Associate Professor with tenure, (2) Professor with tenure, (3) Professor (non-tenure), (4) Adjunct Associate Professor, (5) Adjunct Professor and (6) Senior Principal Research Scientist appointments.

Inclusive of h-index, method of calculation [e.g. Google Scholar Citations (preferred), Web of Science] and date that the index was determined.

H index: H-index as of 2 June 2017 is 3

(9) Intellectual Property

(A) Total number of Duke-NUS affiliated Invention Disclosures submitted: NIL

(B) Total number of Duke-NUS affiliated Trademarks submitted: NIL

(C) Total number of Duke-NUS affiliated Patents filed: NIL
Inclusive of provisional and published patents.

(D) Total number of Duke-NUS affiliated IP granted / registered: NIL
Inclusive of copyrights and trademarks registered.

(E) Duke-NUS Patents Published

<u>Title</u>	<u>Inventor(s)</u>	<u>Publication Date</u>	<u>Publication Number</u>	<u>Patent Office</u>

(F) Duke-NUS Copyrights and Trademarks Registered

<u>Registration Date</u>	<u>Type</u>	<u>Title</u>	<u>Inventor(s)</u>	<u>Registration Number</u>	<u>Country</u>

(G) Other Intellectual Property

<u>Registration / Publication Date</u>	<u>Type of IP</u>	<u>Title</u>	<u>Inventor(s)</u>	<u>Registration / Publication No</u>	<u>Country</u>	<u>Patent Office</u>
14/09/2016	Patent	Nanoparticle formulation	VENKATRAMA N Subramanian	10201607641 Q	SINGAPORE	Others

(10) Editorship

Inclusive of roles (e.g. editor, reviewer or member of editorial board) in editorship of journals and books.

1) Annals of Vascular Surgery
Invited Reviewer
2010 – present

2) OMICS: Surgery - Current Research
Editorial Board
2011 – present

3) International Surgery
Invited Reviewer
2011 – present

4) Singapore Medical Journal
Reviewer
2013 – present

(11) Education Activities (Teaching Portfolio)

Chronological listing of activities related to Medical Education, or educational activities related to research only, beginning with the oldest.

(A) Educational Philosophy (500 words max):

Inclusive of the following elements: personal theory of learning, goals of instruction, role and responsibility of the student and instructor, and a description of the variables that promote learning.

A surgeon has a unique role and opportunity to educate the next generation of physicians. From didactic lectures to bedside interactions to operating room anatomy and techniques and finally patient follow up, it represents one of the most inclusive and thorough review of a disease process from diagnosis to cure. Real life patient examples allow for a lasting impression on student doctors.

Learning is a lifelong process. Each day, our experiences shape our views on the next patient interaction. The desire to learn is the most important quality of a student. The intensity of that desire determines how far and successful the student will be in the learning process. The instructor's role is to provide the opportunity and environment to guide the student in the right direction. At this stage, passive instruction is no longer adequate, students need to be active learners where concepts and basic facts are given and self-directed learning takes over either through individual or group endeavours.

As instructors have responsibilities as advisors and facilitators of learning, students too need to shoulder their portion of the learning process. An understanding of the subject at hand and a willingness to have an open mind are basic prerequisites. Student attitudes towards learning shape the instructor-student relationship. An enthusiastic positive approach beckons towards a rewarding interaction while a negative nonchalant approach leaves both sides unsatisfied. Instructors in their role need to offer constructive criticism which taken with the right attitude go a long way in the students path of learning.

Medicine and surgery represent fast changing fields of knowledge where both instructors and students can learn from each other. Surgeons should find ways to engage students with interesting cases, emerging techniques or unusual pathology. Time pressures and patient care responsibilities often get in the way of teaching for a busy practicing surgeon. Surgeon instructors need to balance and prioritize to be able to teach effectively.

After all, being able to teach and pass on information and experiences remain a great privilege. Only by doing so and by each generation building upon what the last generation left behind will we be able to collectively advance in medicine and surgery.

(B) Seminars / Lectureships

(i) Local

1. Observation on Differences between Students in the US and Singapore- Does it Matter?
Duke NUS GMS Clinical Curriculum Retreat, 2013
2. Challenges in Surgical Education in the Era of Work Hours Limitation
College of Surgeons Annual Scientific Meeting, Singapore, 2013
3. Size of GSV and its impact on ablation therapy
Asia Pacific Vascular Symposium Singapore 2014
4. Role of Drug eluting stents (Zilver PTX) in management of PAD
Asia Pacific Vascular Symposium Singapore 2014
5. Using the Gore C3 graft in management of short angled neck AAA

Asia Pacific Vascular Symposium Singapore 2014

6. Endovascular techniques for revascularising the diabetic foot
Singhealth Duke-NUS Scientific Congress, Singapore 2014

7. Are lower limb bypasses a thing of the past?
Singhealth Duke-NUS Scientific Congress, Singapore 2014

8. Challenging Case Discussion: Combined TAA and TAAA Presentation
Aortic Asia, Singapore 2015

9. Duty Hour Rules – Surgical Residency Training: Winds of Change? Quality vs Quantity
Singapore Malaysia Congress of medicine, 2015

10. Update on Venous Disease Treatment
GP CME symposium, Singapore 2015

11. DEB/DCB: Promising Technology
2nd SGH Endovascular Symposium, Singapore, 2015

12. Navigating Fempop Challenges With Supera
Asia PCR Live, Singapore, 2016

13. SFA interventions : What's new?
Asia PCR Live, Singapore, 2016

14. What's new in endovascular AAA repair
Asia PCR Live, Singapore, 2016

15. Vascular CME
SingHealth Polyclinic - Bukit Merah, Singapore, 2016

16. Management of Poor Flow in Peritoneal Dialysis Catheter
Interventional Nephrology Course
Singapore General Hospital, Singapore, 2016

17. Management of Steal Syndrome
Interventional Nephrology Course
Singapore General Hospital, Singapore, 2016

18. Percutaneous Tenckhoff catheter VS Surgical approach insertion
Dialysis Access Synergy
National University Hospital, Singapore, 2017

19. SFA Disease : When to treat and how to treat
Asian Pacific Society of Cardiology
Suntec Convention Centre, Singapore 2017

20. Venaseal: New painless treatment for venous reflux disease
GP CME symposium, Singapore 2017
Singapore General Hospital

21. Type 2 endoleaks are benign
7th Aortic Asia 2018
One Farrer Hotel, Singapore 2018

22. Chimney EVAS : How and when to do it
7th Aortic Asia 2018
One Farrer Hotel, Singapore 2018

23. Hero Graft
Interventional Nephrology Course, Singapore 2018
Singapore General Hospital

(ii) International

1. DVT prophylaxis in surgical patients.
Tufts – Medical Center
Grand Rounds, 2006

2. Carotid stenting – an overview
Yale New Haven Hospital
Vascular Conference, 2008

3. Endovascular surgery for carotid and superficial femoral arterial disease
Rhode Island Hospital
Grand Rounds, 2008

4. Current treatment for carotid disease
Miriam Hospital
Medical Conference, 2008

5. Peripheral Arterial Disease and Varicose Veins
Women's Wellness Workshop
Warwick, 2009

6. Aortic Dissection
Rhode Island Hospital
Grand Rounds, 2010

7. Updates in Vascular Disease 2011
Hospitalist Grand Rounds
Miriam Hospital, 2011

8. Vascular Disease – An Overview
Medical Resident Conference
Miriam Hospital, 2011

9. Carotid Disease Update for General Surgeons
Senior Resident Conference
Rhode Island Hospital, 2011

10. Antiplatelet Agents in the Perioperative Period
Grand Rounds
Rhode Island Hospital, 2012

11. Thoracic transection – An endovascular update
Faculty Benchmark
Rhode Island Hospital, 2012

12. Venous Reflux Disease – An Update
Second General Hospital, Mongolia, 2013

13. Lower Extremity Occlusive Disease
Second General Hospital, Mongolia, 2013

14. Aortic Aneurysms – A Ticking Timebomb
Second General Hospital, Mongolia, 2013

15. Updates in Vascular Surgery: Veins, Aneurysms and PVD
Singhealth Outreach, Yangon 2015

16. Endovascular Salvage of Complex Failing Arteriovenous Fistulas
Asian Society for Vascular Surgery, Bangkok, 2015

17. EVAR & EVAS: Both Useful in the Treatment of AAA Disease
Asian Society for Vascular Surgery, Bangkok, 2015

18. “Evas and Evar : Both good option for treatment of cia aneurysms”
The 1st Asia Pacific Angiology Academic Association Conference, Macau, 2016

19. Peripheral Vascular Intervention Workshop
Cho Ray Hospital, Vietnam, 2016

20. Do I really need Endologix?
Aortic Asia, Hong Kong 2017
21. When do I choose EVAS/ChEVAS
Aortic Asia, Hong Kong 2017
22. Chimney Nellix : When to do it
Asia-Pacific Angiology Academic Alliance Presentation, Macau 2017
23. SFA disease : When to treat and how to treat
Asian Pacific Society of Cardiology Congress, Singapore, 2017
24. Back Table Fenestration for Mycotic Aneurysm
Asian Society for Vascular Surgery, Kuala Lumpur, 2017
25. Endovascular Sealing vs Fenestrated EVARs for Juxtarenal AAA
Asian Society for Vascular Surgery, Kuala Lumpur, 2017
26. Chimney Nellix : indications, techniques & data
Annual Congress of KSS 2017, Korea, 2017
27. Chemical Ablation using Endoluminal Sealant
1st Venous Endo-Intervention Symposium, Philippines, 2018
28. MAJESTIC 3-year data
LINC AP, Hong Kong, 2018
29. First interim look at the Singapore Lutonix DCB AV registry
LINC AP, Hong Kong, 2018
30. Key opinion leaders meeting to develop next generation device
Symposium on Aneurysm Sealing 2018, Hong Kong
31. CHEVAS: indications and techniques
Asia-Pacific Angiology Academic Alliance Conference and 2018 Annual Congress of Macau,
Macau 2018
32. Nellix for common iliac aneurysms
10th International Congress, Polish Society for Vascular Surgery, Poland 2018
33. Treating Iliac Aneurysms
ASVS 2018, China

34. DCB in AV access

ASVS 2018, China

35. Evolution of Aortic Aneurysms Repair

HKL Symposium, Kuala Lumpur

36. Advantage of Polymer Sealing in AAA with Revised IFU Plus Lessons Acquired from the EVAS Forward Global Registry

43rd Annual Scientific Congress 2018, Royal College of Surgeons of Thailand, Thailand

37. Management of ESRD patients with central vein stenosis and occlusion

The 3rd congress of Asian Pacific Society of Dialysis Access, China, 2018

(C) Teaching Activities in Local Institutions (Optional for Faculty Candidates who are PhD Research Investigators)

(i) Undergraduate Education:

Inclusive of date, title of teaching, audience and evaluation (if available).

Grand Ward Round

Nov 2012 – present

CPX4 Sub I Mentor

Jan - Dec 2013

Basic Ultrasound Skills Workshop

Jan 2013 - present

Basic Surgical Skills Workshop

Jan 2013 - present

Family Medicine MMed Preparatory Course Tutor

Aug 2013 - present

PVD M5 Lecture

Aug 2013 - present

Vascular Bedside Tutorial for Year 4 Medical Students

Jan 2014 - present

(ii) Postgraduate Education:

Inclusive of date, title of teaching, audience and evaluation (if available).

ABSITE tutorial

(American Board of Surgery In training Education)

2012 – present

Faculty, Fellowship Training in Interventional Nephrology
Singapore General Hospital
2015 – present

(D) Proctorships

- 1) 21 - 22 March 2016
Denpasar, Indonesia
Sanglah Hospital
- 2) 30 June – 1 July 2016
Ho Chi Minh City, Vietnam
Cho Ray Hospital
- 3) 26 – 27 October 2016
Bangkok, Thailand
Siriraj Hospital
- 4) 15 – 16 December 2016
Ho Chi Minh City, Vietnam
Cho Ray Hospital
- 5) 16 – 17 January 2017
Chiang Mai, Thailand
Maharaj Nakorn Chiang Mai Hospital,
Ramathibodi Hospital,
Phramongkutklao Hospital
- 6) 11 – 12 May 2017
Singapore
Singapore General Hospital
- 7) 22 – 23 June 2017
Singapore
Singapore General Hospital
- 8) 30 – 31 August 2017
Ho Chi Minh City, Vietnam
University Medical Center
- 9) 11 – 12 December 2017
Jakarta, Indonesia
Harapan Kita Hospital
- 10) 18 – 19 January 2018
Selangor, Malaysia
KPJ Damansara Specialist Hospital
- 11) 25 – 27 January 2018
Philippines
Medical City Hospital
- 12) 1 – 2 March 2018
Singapore
Singapore General Hospital
- 13) 22 - 23 March 2018

Singapore
Singapore General Hospital

- 14) 19 – 20 April 2018
Hanoi, Vietnam
Hanoi Heart Institute,
Bach Mai Hospital
- 15) 3 – 4 May 2018
Jakarta, Indonesia
RSUD Tangerang Hospital
- 16) 10 – 11 May 2018
Singapore
Singapore General Hospital
- 17) 24 – 29 June 2018
China
Cangzhou Central Hospital,
Beijing Pinggu District Hospital,
The Third Affiliated Hospital of Nanchang University,
Jiangxi TCM-Integrated Hospital,
Pingxiang People's Hospital
- 18) 5 – 6 July 2018
Singapore
Singapore General Hospital
- 19) 23 – 24 August 2018
Singapore
Singapore General Hospital

(E) Leadership Positions / Roles in Education

(e.g Course Directorship, Curriculum Planning / Development Committees etc.)

Inclusive of the title, date / period, audience, a brief description and frequency conducted.

Platform Director – Vascular and Endovascular Surgery
SSSC, SGH

Course director - Basic Suturing & Knot Tying Introduction to Basic Suturing & Knots Tying (BSK)"

Course director - Creating a positive learning experience (faculty development workshop with AMEI
Program Coordinator, Surgery Year 2
Duke-NUS Graduate Medical School

Associate Program Director
SingHealth General Surgery Residency

Orientation to Clinical Year (OCY) Course Coordinator
Duke-NUS Graduate Medical School

Introduction to OCY Tutor
- Oral Presentation Written Notes
- History Taking & Physical Examination

Clinical Curriculum Review Committee
Duke-NUS Graduate Medical School

Clinical Competency Committee

SingHealth General Surgery Residency

General Surgery Residency Conference
Faculty
Brown Warren Alpert School of Medicine
2011 – present

Vascular and Endovascular Medicine Fellowship
Faculty
Brown Warren Alpert School of Medicine
2010 – present

Associate Program Director
SingHealth General Surgery Residency

Advisor, Duke-NUS Surgery Interest Group
2014 – present

Educational Commission for Foreign Medical Graduates (ECFMG)
Advisor
2009 – present

Physician Mentor – Doctoring Course
2009 - present

Physician Mentor – Core Surgical Clerkship
2009 – 2012

Physician Mentor – Longitudinal Ambulatory Clerkship
2009 - 2012

(F) Advisory / Mentoring Role:

Inclusive of date (range from - to, student name, student level (medical student, fellow, postgraduate, faculty, resident) and title of student work.

<u>Family Name</u>	<u>Given Name</u>	<u>Programme</u>	<u>Title of Programme</u>	<u>From</u>	<u>To</u>	<u>Current Position</u>
Low	Zhi Xiong Gerald		NUS Research	08/2016	Present	
Kwan	Jia Rui		NUS Research	08/2016	Present	
Low	Wei Ting Gabriel		NUS Research	08/2016	Present	
Mikuiski	Szymon		SingHealth Residency		Present	General Surgery Resident
Mohamed Ahmed	Ali	Fellowship	Fellowship	11/2016	Present	
Tay	Hsien Ts'ung Luke		Associate Consultant	09/2016	Present	Associate Consultant
Yap	Hao Yun		Associate Consultant	08/2016	Present	Associate Consultant
Goh	Nicholette		NUS Research	01/2014	07/2016	
Achudan	Shaam		NUS Research	01/2014	07/2016	
Tan	Yi Liang		NUS Research	01/2014	07/2016	

Thorndike	Jonathan		BMS 2015	01/2015	12/2015	
Ch'ng	Jack Kian		Associate Consultant	10/2013	10/2015	Consultant
Chu	Katrina		BMS 2014	01/2014	12/2014	
Sofos	Elvera		BMS 2013	01/2013	12/2013	
Pleasants	Gabriel		BMS 2013	01/2013	12/2013	
Rossi	Ryan		BMS 2013	01/2013	12/2013	
Patel	Aleema		BMS 2013	01/2013	12/2013	
Marrero	Shannon		BMS 2013	01/2013	12/2013	
Crawford	Camia		BMS 2013	01/2013	12/2013	
Sharma	Ayushman		BMS 2013	01/2013	12/2013	
Brucker	Brenna		BMS 2012	01/2012	12/2012	
Crawford	Andrew		BMS 2012	01/2012	12/2012	
Bhak	Grace		BMS 2012	01/2012	12/2012	
Kim	Jennifer		BMS 2012	01/2012	12/2012	
Wei	Jill		BMS 2011	01/2011	12/2011	
Watson	Hannah		BMS 2011	01/2011	12/2011	
Marrero	Jessica		BMS 2011	01/2011	12/2011	
Van Wieren	Andrew		BMS 2011	01/2011	12/2011	
Beutal	Bryan		BMS 2011	01/2011	12/2011	

(G) Educational Administration:

Inclusive of the period of engagement, organisation and your title / role.

Interview Committee for Incoming General Surgical Residents
Brown Warren Alpert School of Medicine
2009 – present

Faculty, MOHH Residency Interview (MMI)
Jan 2013 – present

CPX4 Year 4, Examiner
Duke-NUS Graduate Medical School
Jan 2013 – present

CPX2 Year 2, Examiner
Duke-NUS Graduate Medical School
Jan 2013 – present

Faculty, CPX2 Workgroup
Duke-NUS Graduate Medical School
Jan 2013 – present

Faculty, Fellowship Training in Interventional Nephrology
Singapore General Hospital
2015 – present

(H) Continuing Medical Education (date, title, certificate):

Inclusive of date, title and certificate with description on strategies implemented to improve teaching.

1. Morbidity and Mortality Conference – Weekly
2. Ultrasound lab conference – monthly
3. Grand Rounds – Weekly
4. SESAP
5. VESAP

6. “I Never Get Any Feedback!” – Strategies to Improve Feedback [FOR FACULTY]
AMEI, 16 Aug 2013

7. Workshop on Assessment needs for faculty
SingHealth Duke-NUS Education Conference, 15 Aug 2013

8. Education Ground Round: Theatre, Performance and Medical Education
AMEI, 17 Jan 2013

9. Harvard-Macy Program for Educators in Health Professions
Harvard-Macy Institute, 2014

10. AMEE CALM (Change, Adaptive Leadership and Management) Workshop
ASME Milan 2014

11. Harvard Macy – A systems approach to assessment
Harvard Macy Institute, 2015

12. Organizational Leadership Program
Singapore Management University, 2015

13. AMEE FLAME (Fundamentals in Leadership and Management in Education) Workshop
ASME Barcelona 2016

14. How to design integrated simulation scenario
ASME Barcelona 2016

15. Five essential topics for faculty development programs in assessment : What do faculty need to know?
ASME Barcelona 2016

(12) Clinical Activities

(Applicable to candidates with >50% FTE in Research or Medical Education)

Please list previous and current year clinical activity - type of practice and estimate of time commitment

<u>Type of Practice</u>	<u>Commitment %</u>	<u>From</u> (DD/MM/YYYY)	<u>To</u> (DD/MM/YYYY)
N.A.			

(13) Conferences Attended and Speaking Invitations

Chronologically listed, beginning with the oldest.

(A) With Oral Presentations

<u>Presentation Title</u>	<u>Conference Name</u>	<u>Country</u>	<u>Organiser</u>	<u>Conference Date</u>

(B) With Poster Presentations

<u>Presentation Title</u>	<u>Conference Name</u>	<u>Country</u>	<u>Organiser</u>	<u>Conference Date</u>

(C) Without Presentations (Optional for PhD Research Investigators)

Conferences attended (without abstract / poster presentation).

Society For Vascular Surgery Annual Conference 2005 - present
 New England Society For Vascular Surgery Annual Conference 2006 - present
 Veith Symposium 2007, 2010
 Research Initiatives in Vascular 2007, 2008
 UCLA Vascular Symposium 2008
 Linc Leipzig 2015
 LINC AP 2018
 7th Aortic Asia 2018

(14) Research Activities

(A) Research Funding Support

<u>Project Title</u>	<u>Role</u>	<u>Origin</u>	<u>Name of Grant</u>	<u>Funding Agency</u>	<u>Project Start Date</u>	<u>Duration</u>	<u>Amount</u>	<u>Currency</u>
Recurrent stenosis in arteriovenous fistula for dialysis access : Cutting balloon angioplasty combined with drug eluting balloon angioplasty; an observational clinical study	Co-I.	Singapore			16/03/2017	1 Year(s) 0 Month(s)	0.00	SGD
Asian VenaSeal real world post-market evaluation study (ASVS)	P.I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
A Prospective, Multicenter, Single Arm Real-World Registry Investigating the Clinical Use and Safety of the Lutonix Drug Coated Balloon PTA Catheter for Treatment of Dysfunctional AV Fistulae	P.I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
The adjunctive treatment of nonhealing diabetic lower extremity wounds using Transdermal Continuous Oxygen Therapy –	P.I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD

A pilot study								
A Novel Lower Extremity Comprehensive Wound Assessment Tool For Diabetic Patients	P.I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
Assessment of Dysfunctional Hemodialysis Vascular Accesses during Angioplasty using Syngo iFlow	Co-I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
The Use of Color-coded Digital Subtraction Angiography in Hemodialysis Vascular Access Intervention	Co-I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
Arteriovenous fistula: Conventional Angioplasty vs Drug Eluting balloon-assisted Maturation Intervention Clinical trial (Academic Trial)	Co-I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
Retrospective Study of Arteriovenous Fistula and Graft Interventions in an Asian Population	Co-I.	Singapore			01/01/2016	0 Year(s) 0 Month(s)	0.00	SGD
Assessments of Entrustable Professional Activities	P.I.	Singapore			01/01/2015	0 Year(s) 0 Month(s)	0.00	SGD
A Study of Vascular Access Outcomes and Survival among Hemodialysis Patients in Singapore	Co-I.	Singapore		Biolux P III registry – A prospective international multicenter post market allcomers registry to assess the clinical performance of the Passeo-	01/01/2014	0 Year(s) 0 Month(s)	0.00	SGD

				18 Lux Paclitaxel releasing Balloon Catheter in infrainguinal arteries – III (Biolux p-III)				
The Use of Color-coded Digital Subtraction Angiography in Hemodialysis Vascular Access Intervention	Co-I.	Singapore		Biolux P III registry – A prospective international multicenter post market allcomers registry to assess the clinical performance of the Paseo-18 Lux Paclitaxel releasing Balloon Catheter in infrainguinal arteries – III (Biolux p-III)	01/01/2014	0 Year(s) 0 Month(s)	0.00	SGD
Singapore INfra-Genicular Angioplasty with PAclitaxel-eluting balloon for Critical Limb	Co-I.	Singapore		Ischaemia (SINGA-PACLI) Trial	01/01/2013	0 Year(s) 0 Month(s)	0.00	SGD
CANOPY (Carotid Artery Stenting Outcomes in the Standard Risk Population for Carotid Endarterectomy)	Co-I.	USA		Rhode Island and The Miriam Hospitals	01/01/2012	0 Year(s) 0 Month(s)	0.00	USD
Pivotal Study of the Safety and Effectiveness of Autologous Bone Marrow Aspirate Concentrate	Co-I.	USA		Rhode Island Hospital	01/01/2011	0 Year(s) 0 Month(s)	0.00	USD

(BMAC) for the treatment of Critical Limb Ischemia due to Peripheral Arterial Occlusive Disease								
ORION study (A Boston Scientific Study of the EPIC Nitinol Stent System in the Treatment of Atherosclerotic Lesions in the Iliac Artery)	Co-I.	USA		Rhode Island Hospital	01/01/2010	0 Year(s) 0 Month(s)	0.00	USD
SUPERB trial (Comparison of the SUPERA PERipheral System to a Performance Goal Derived from Balloon Angioplasty Clinical Trials in the Superficial Femoral Artery)	Co-I.	USA		The Miriam Hospital	01/01/2009	0 Year(s) 0 Month(s)	0.00	USD
CABANA Registry- Carotid WALLSTENT Monorail Endoprosthesis FilterWire EZ Embolic Protection System	Co-I.	USA		Rhode Island Hospital	01/01/2009	0 Year(s) 0 Month(s)	0.00	USD
Arterial adaptation as a predictor of arteriovenous fistula success	Co-I.	USA		Brigham and Women's Hospital	01/01/2006	2 Year(s) 0 Month(s)	0.00	USD
Resolution of inflammation during surgically induced inflammatory processes	Co-I.	USA			01/01/2006	2 Year(s) 0 Month(s)	0.00	USD
Sapphire WW: Stenting and angioplasty with protection in patients at high-risk for endarterectomy	Co-I.	USA		Brigham and Women's Hospital	01/01/2006	2 Year(s) 0 Month(s)	0.00	USD
PYTHAGORAS: Prospective aneurysm trial: high angle aorfix bifurcated stent graft (2005-01)	Co-I.	USA		Brigham and Women's Hospital	01/01/2006	2 Year(s) 0 Month(s)	0.00	USD
Percutaneous Treatment of Claudication: the role of diabetes and inflammation	Co-I.				01/01/2006	2 Year(s) 0 Month(s)	0.00	USD
Long term	Co-I.	USA		Brigham	01/01/2006	2 Year(s) 0 Month(s)	0.00	USD

outcomes of percutaneous lower extremity interventions: factors predicting reintervention or surgery				and Women's Hospital		Month(s)		
The influence of Non Academic Factors on Assessments of Entrustable Professional Activities	P.I.	Singapore		AMEI		0 Year(s) 0 Month(s)	10,000.00	SGD
Adventitial drug delivery using nanoparticles for treatment of critical limb ischemia, reference no BIO14012	Co-P.I.	Singapore		SMART		0 Year(s) 0 Month(s)	250,000.00	SGD
Surgical Skills Training Roadmap for Medical Students	P.I.			AM ETHOS		0 Year(s) 0 Month(s)	100,000.00	SGD
Nellix Registry Study: EVAS-Global Multicenter, Observational, Registry to Assess Outcomes of Patients Treated with the CE Marked Nellix System for Endovascular Abdominal Aortic Aneurysm Repair	P.I.	Singapore				0 Year(s) 0 Month(s)	0.00	SGD

(B) Collaboration with Local and Overseas Institution

<u>Name of Collaboration</u>	<u>From</u>	<u>To</u>	<u>Name of Collaborator(s)</u>	<u>Institution / Organisation</u>
Adventitial drug delivery using nano particles for treatment of critical limb ischemia	6/2014	Present	Subramanian VENKATRAMAN Huang Ying Ying	NTU NTU
Fully biodegradable drug eluting stents for haemodialysis vascular access interventions	9/2016	Present	Subramanian VENKATRAMAN Huang Ying Ying Tan Chieh Suai	NTU NTU SGH
Worm Wire	11/2016	Present	Teoh Swee Hin Subramanian VENKATRAMAN Johnathan Wolfe	NTU NTU NTU
Role of Estrogen in Venous Ulcers (Ongoing)	1/2017	Present	A*STAR	A*STAR
Novel synthetic graft for durable and early cannulation	1/2017	12/2018	NMRC	NMRC

hemodialysis access				
KCa3.1 channel-inhibitor-eluting Arteriovenous (AV) Graft to prevent Vascular Stenosis in Hemodialysis Graft	1/2017	12/2017	NHIC	NHIC
ACADEMIC trial – Co PI	1/2017	12/2017	N.A.	N.A.

(C) Research Interests

<u>Description</u>	<u>Related Clinical Skill / Experience</u>	<u>Years of Experience</u>
Innovative new ways for abdominal and thoracic aneurysm repair		
Carotid interventions and stroke prevention		
Lower extremity limb salvage		
Drug eluting technology to prevent intimal hyperplasia		

(15) Committee Work

(A) Hospital

Patient Care Committee/Hospital Acquired Pressure Ulcers
 The Miriam Hospital
 2009 – 2012
 Nephrology interventional suite workgroup
 Common Consult Notes IT Committee
 Medical Review Committee
 NHCS hybrid OT planning committee
 Sengkang hybrid OT planning committee
 Surgery retreat: Current state of the surgical curriculum for yr 2 Duke NUS students
 Moderator and discussion lead
 Surgical Congress 2015 Track IC
 Evaluation committee Stents in DDR and MOT
 Course director
 2nd SGH Endovascular Surgery Course
 Organizer GP CME symposium 2015
 Platform director, Vascular and Endovascular Surgery, SSSC
 Program Committee, AsiaPCR congress 2016
 Member (Endovascular), Elective Care Centre & new NDCS Commissioning Committee
 Member, College of Clinical Medicine Education Council 2017-2019
 Member, Serious Reportable Events Quality Assurance Committee (SRE QAC)
 3rd SGH Endovascular Workshop – Course Director
 Co-Lead, Diabetic complications, SD Diabetes Centre
 Duke CPX4 Exam Committee
 4th SGH Endovascular Management of Peripheral Arterial Disease and AV Access Course –
 Course Director

(B) Ministry of Health

Faculty, MOHH Residency Interview (MMI)
 Jan 2013 – present
 Workgroup on Harmonization of General Surgery Curriculum
 Evaluator for SHF-NHIC Joint Medtech grant

(C) University / Medical School

Clinical Curriculum Review Committee
 Duke-NUS Graduate Medical School
 Course director - Basic Suturing & Knot Tying Introduction to Basic Suturing & Knots Tying (BSK)
 Creating a positive learning experience (faculty development workshop with AMEI)
 Advisor, Duke NUS Surgery interest group
 Academic Medicine Leaders Forum 2016
 Academic Medicine Advisory Council (AMAC) –Education 2016
 Deans Strategic Planning Retreat 2016 – Education Committee
 Academic Vice Chair Education – Academic Clinical Programme for Surgery

(D) Professional Bodies

International Relations Committee
 Society for Vascular Surgery
 Organizing Committee & Workshop Chairman 2016
 Asian Society for Vascular Surgery
 Asia PCR – live case operator & session Chairman

(E) Others

A*Star Healthcare & Lifestyle program/Medtech forum
 Cardiovascular clinical focus group
 Combined clinical and technical focus group
 Pre congress workshop “management of the diabetic foot – a synergy of specialities” sep 4 2014

(16) Awards & Honours

<u>Honours / Awards / Distinctions</u>	<u>Conference Title</u>	<u>Award Entity</u>	<u>Country of Award Entity</u>	<u>Award Type</u>	<u>Year Awarded</u>
Service Quality Award	Access to Care - Vascular Surgery Fast Track Appointments	Singapore Healthcare Management	SINGAPORE	Clinical	2017
Singapore Health Quality Service Award – Gold		Singhealth	SINGAPORE	Clinical	2017
Singapore Health Quality Service Award – Silver		SingHealth	SINGAPORE	Clinical	2016
Service with a heart award		Singhealth	SINGAPORE	Clinical	2015
Faculty Appreciation Award, RiSE			SINGAPORE	Clinical	2015
Best Abstract Award	Dialysis Access Symposium		SOUTH KOREA	Clinical	2015
Service Quality Award Winner			SINGAPORE	Clinical	2014
Outstanding Faculty for Development Award, Duke-NUS GMS			SINGAPORE	Teaching	2013
Society of Laparoendoscopic Surgeons Resident Achievement Award			USA	Education	2006
Best Poster Award (Clinical				Clinical	

Research)				Research	
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(17) Top 10 Contributions *(Optional for PhD Research Investigators)*

List of contributions beginning with the most significant. Committee work and editorship of journals, etc. may be listed here.

<u>Rank</u>	<u>Description of Contributions</u>	<u>Year of Contribution</u>
1	1. Administrative leadership as Head, Department of Vascular Surgery guiding the growth and development of this young department (formed 2014) now having 8 vascular specialists and 10 vascular technologists	2015
2	2. Regional proctor and key opinion leader in endovascular aortic, peripheral arterial disease and endovenous surgery	2016
3	3. Coordinator Yr 2 Duke NUS surgery program revamping the 8 week clerkship experience for medical students and seeing the feedback scores improve	2015
4	4. Vice Chair undergraduate education Surgery ACP, streamlining the education resources, programs, outreach and faculty engagement across ACP	2016
5	5. Invited speaker and live case demonstration operator in regional and international conferences	2016
6	6. Research grant in clinical (SMART grant) and education (AMEI innovation grant)	2015
7	7. Busy vascular surgeon doing high volume and complicated open and endovascular work achieving a modest regional referral reputation	2016
8	8. Collaborations with renal and interventional radiology resulting in clinical output as well as numerous research abstract presentations	2016
9	9. Organizer and chair of vascular conferences yearly with good international audience and feedback	2016
10	10. Organized the 1st surgery faculty development workshop with AMEI tailored to surgeons and achieving the highest turnout amongst the GS group in an education workshop	2015

(18) Hobbies / Special Interests *(Optional for PhD Research Investigators)*

Photography
Badminton
Skiing

Note: In submitting this CV, I hereby agree to it being shared between Duke-NUS and SingHealth in association with any official matters in either or both of these institutions.