

Curriculum Vitae

KHAMIN CHINSAKCHAI, M.D., FRCS (Thailand)

Academic Staff Surgeon: Associate Professor

Specialty: Surgery

Subspecialty: Vascular Surgery

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Vascular Surgery Division

Department of Surgery

Faculty of Medicine, Siriraj Hospital

Mahidol University

Bangkok 10700, Thailand

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Special Interests:

All aspects of vascular disease including aortic aneurysms, peripheral vascular disease, venous disease, vascular access for hemodialysis, chronic leg ulcer and endovascular surgery.

Education & Postgraduate Training

1989-1995 Medical School:

Siriraj Medical School, Mahidol University, Thailand

1997-2000 Residency:

Department of Surgery, Bhumibol Adulyadej Hospital,
Directorate of Medical Services, Royal Thai Air Force

2003-2004 Post graduated vascular surgery:

Vascular Division, Department of Surgery, Siriraj Medical School, Mahidol
University, Thailand

2005-2007 Fellowship vascular surgery:

Vascular Division, Department of Surgery, Siriraj Medical School, Mahidol
University, Thailand

2008-2009 Post graduated vascular and endovascular surgery:

Department of Vascular surgery, University Medical Center Utrecht, the Netherlands

2009-2010 Post graduated vascular and endovascular surgery:

Guy's & St Thomas Hospital, King's College, University of London, the UK

Board Certification

- 2003 Diploma: Thai Board of Surgery, General Surgery
- 2007 Diploma: Thai Subspecialty Board of Vascular Surgery
- 2009 Certification: Post graduated vascular and endovascular surgery, the Netherlands
- 2010 Certification: Post graduated vascular and endovascular surgery, the UK

Licensure

- 1995 Thailand Medical Licensure Board

Society Membership

- 1995-present The Medical Council of Thailand
- 2000-present Royal College of Surgeons of Thailand
- 2004-present Association of General Surgeons (Thailand)
- 2005-present Thai Vascular Association of Thailand

Biography

Khamin Chinsakchai was appointed as an assistant professor in Vascular Surgery Unit, Department of Surgery at Siriraj Hospital, Mahidol University, Thailand in 2005. After graduating from Mahidol University in 1995, Khamin Chinsakchai worked as a general practitioner at a hospital of Royal Thai Air Force and trained as a surgeon at Department of Surgery, Bhumibol Adulyadej Hospital, Directorate of Medical Services, Royal Thai Air Force in 1997. Then, he studied in Aviation Medicine at Institute of Aviation Medicine Royal Thai Air Force Thailand in 2002 and trained squadron leader at Squadron Officer School Royal Thai Air Force Thailand in 2003.

His specialist training in vascular surgery was at Siriraj Hospital, Mahidol University, Thailand during 2005 to 2007 and post graduated vascular and endovascular surgery training program at University Medical Center Utrecht, the Netherlands in 2008-9. Then, he continued studying the advance course at Guy's and St Thomas' Hospital, King's college, University of London, the UK in 2009-10.

His specialist interests include both open and endovascular treatment of the abdominal aorta, peripheral vascular disease and venous disease. He also performs carotid, distal limb bypass, vascular access for hemodialysis and varicose veins surgery.

Khamin Chinsakchai's research interests include studying in aortic, venous and peripheral vascular diseases.

Bibliography

Publications:

1. Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N, **Chinsakchai K**. Atherosclerosis obliterans of the lower extremities in Thai patients. *J Med Assoc Thai* 2006;89:1612-20.
2. Wongwanit C, Ruangsetakit C, Sermsathanasawadi N, **Chinsakchai K**, Mutirangura P. Treatment of iatrogenic pseudoaneurysm of brachial artery with percutaneous ultrasonographically guided thrombin injection (PUGTI): a case report and a literature review. *J Med Assoc Thai* 2007;90:1673-9.
3. Mutirangura P, Kruatrachue C, Ophasanond P, Chaiyasoot W, Ruangsetakit C, Wongwanit C, Siriapisith T, Sermsathanasawadi N, **Chinsakchai K**, Phongraweevan O. Endovascular abdominal aortic aneurysm repair in high risk patients: outcomes of management. *J Med Assoc Thai* 2007;90:2080-9.
4. **Chinsakchai K**, Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N. Successful Management of Asymptomatic Penetrating Carotid Artery Injury. *Siriraj Medical J* 2008;60:207-9
5. Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N, **Chinsakchai K**. Acute arterial embolism of the lower extremities: impact of 24-hour duration on the outcome of management. *J Med Assoc Thai* 2008;91:1360-7.
6. Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N, **Chinsakchai K**. Comparative Study of the Management of Diabetic versus Nondiabetic Patients with Atherosclerosis Obliterans of the Lower Extremities. *Vascular* 2008;16:333-339
7. Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N, **Chinsakchai K**. Autologous angiogenic cell precursors therapy in patient with critical limb ischemia. *J Med Assoc Thai* 2009;92(3):320-7
8. Mutirangura P, Ruangsetakit C, Wongwanit C, Sermsathanasawadi N, **Chinsakchai K**. Clinical differentiation between acute arterial embolism and acute arterial thrombosis of the lower extremities. *J Med Assoc Thai*. 2009 Jul;92(7):891-7
9. P. Mutirangura, **K. Chinsakchai**, C. Wongwanit, R. Ratanarat, C. Ruangsetakit. Successful Revascularization with Intraoperative Venous Drainage of Ischemic Limb Though Hemodialysis in Severe Acute Saddle Aortic Embolism. *EJVES Extra*; (2009) 18, e69-e72
10. Ruangsetakit C, **Chinsakchai K**, Mahawongkajit P, Wongwanit C, Mutirangura P.

Transcutaneous oxygen tension: a useful predictor of ulcer healing in critical limb ischaemia. *J Wound Care*. 2010 May;19(5):202-6.

11. **Chinsakchai K**, Wongwanit C, Ruangsetakit C, Mutirangura P

Successful treatment in superior mesenteric artery embolism: a case report and literature review. *J Med Assoc Thai* 2010;93:739-44.

12. **Chinsakchai K**, Ten Duis K, Moll FL, de Borst GJ.

Trends in management of phlegmasia cerulea dolens. *Vasc Endovascular Surg*. 2011 Jan;45(1):5-14.

13. Ruangsetakit C, Chinsakchai K, Wongwanit C, Sermsathanasawadi N, Mutirangura P.

Chronic arterial embolism of the lower extremities: an unusual etiology of critical limb ischemia. *J Med Assoc Thai*. 2011 Dec;94(12):1457-64.

14. Ruangsetakit C, **Chinsakchai K**, Mutirangura P, Wongwanit C, Sermsathanasawadi N.

Outcomes of Inferior Vena Caval Filters: Experiences in Thai patients. *Singapore Med J*. 2012;53(3):170-3.

15. Bastos Goncalves F, Verhagen HJ, **Chinsakchai K**, van Keulen JW, Voute MT, Zandvoort HJ

The influence of neck thrombus on clinical outcome and aneurysm morphology after endovascular aneurysm repair. *J Vasc Surg*. 2012 Jul;56(1):36-44.

16. Ruangsetakit C, **Chinsakchai K**, Hahtapornsawan S, Wongwanit C, Sermsathanasawadi N, Mutirangura P.

Successful outcome of obturator bypass surgery in infected femoral pseudoaneurysm: three cases report and literature review. *J Med Assoc Thai*. 2012 Mar;95(3):470-5.

17. Suphathamwit A, Duangrat T, Chairatthanawanit S, **Chinsakchai K**.

Anesthetic Implication in Multiple Ruptured Abdominal Aortic Aneurysm with Aortocaval Fistula. *Thai J of Anesthesiology*. 2012;38(3):233-41.

18. Wongwanit C, Mutirangura P., **Chinsakchai K**, Ruangsetakit C, Sermsathanasawadi N, Hahtapornsawan S, Hongku K.

Transfemoral Temporary Aortic Balloon Occlusion Assisting Open Repair for Ruptured Abdominal Aortic Aneurysms. *J Med Assoc Thai*. 2013 Jun;96(6):742-8.

19. Wongwanit C, Hahtapornsawan S, **Chinsakchai K**, Sermsathanasawadi N, Hongku K., Ruangsetakit C, Mutirangura P.

Catheter-Directed Thrombolysis for Acute Limb Ischemia Caused by Native Artery Occlusion: An Experience of a University Hospital. *J Med Assoc Thai*. 2013 Jun;96(6):661-8.

20. Sermsathanasawadi N, Hongku K, Wongwanit C, Ruangsetakit C, **Chinsakchai K**, Mutirangura P.

Endovenous Radiofrequency Thermal Ablation and Ultrasound-Guided Foam Sclerotherapy in Treatment of Klippel-Trenaunay Syndrome. *Ann Vasc Dis Vol.7, No.1;2014:52-55*

21. Sermsathanasawadi N, Thangrod R, Hongku K, Wongwanit C, Ruangsetakit C, **Chinsakchai K**, Leelaphatanadit C, Therasakvichya S, Mutirangura P.

Prevalence of Perioperative Asymptomatic Proximal Deep Vein Thrombosis in Thai Gynecologic Cancer Patients. *J Med Assoc Thai* 2014; 97 (2): 153-8

22. **Chinsakchai K**, Hongku K, Hahtapornsawan S, Wongwanit C, Ruangsetakit C, Sermsathanasawadi N, Mutirangura P.

Outcomes of Abdominal Aortic Aneurysm with Aortic Neck Thrombus after Endovascular Abdominal Aortic Aneurysm Repair. *J Med Assoc Thai* 2014; 97 (5): 518-24

23. Hahtapornsawan S, Wongwanit C, **Chinsakchai K**, Hongku K, Sermsathanasawadi N, Ruangsetakit C, Mutirangura P. Suprainguinal vascular pythiosis: effective long-term outcome of aggressive surgical eradication *Ann Vasc Surg*. 2014;28(7):1797.e1-6.

24. Sermsathanasawadi N, Pattarakittikul K, Hongku K, Wongwanit C, Ruangsetakit C, **Chinsakchai K**, Mutirangura P.

Balloon assisted valsalva maneuver in the diagnosis of saphenofemoral junction incompetence. *J Med Assoc Thai* 2014;97(10):1084-1088.

25. Sermsathanasawadi N, Sritongsathian C, Pongrattanaman N, Praditsuktavorn B, Hongku K, Wongwanit C, Ruangsetakit C, **Chinsakchai K**, Mutirangura P, Pongvarin N.

The Influence of VKORC1 Polymorphisms on Warfarin Doses in Thai Patients with Deep Vein Thrombosis *J Med Assoc Thai* 2015;98:549-554.

26. Sermsathanasawadi N, Suparatchatpun P, Pumpuang T, Hongku K, **Chinsakchai K**, Wongwanit C, Ruangsetakit C, Mutirangura P.

Comparison of clinical prediction scores for the diagnosis of deep vein thrombosis in unselected

population of outpatients and inpatients. *Phlebology* 2015;30(7):469-74

27. Sermsathanasawadi N, Praditsuktavorn B, Hongku K, Wongwanit C, **Chinsakchai K**, Ruangsetakit C, Hahtapornsawan S, Mutirangura P.
Outcomes and factors influencing prognosis in patients with vascular pythiosis. *J Vasc Surg*. 2016;64:411-417

28. Sermsathanasawadi N, Voravitvet TY, **Chinsakchai K**, Wongwanit C, Ruangsetakit C, Mutirangura P.
Risk factors for endovenous heat-induced thrombosis after endovenous radiofrequency ablation performed in Thailand. *Phlebology*. 2016;31:582-587.

29. Mutirangura P., Ruengsethakit C., Wongwanit C., Sermsathanasawadi N, **Chinsakchai K.**, Hahtapornsawan S., Hongku K., Puangpunngam N.
Carotid Endarterectomy in Symptomatic Extracranial Internal Carotid Artery Stenosis: A Result of the First 100 Consecutive Cases in a University Hospital *J Med Assoc Thai* 2016;99(7):785-93.

30. Mutirangura P, **Chinsakchai K.**, Tunpornpituk S Wongwanit C, Ruengsethakit C
Comparative Study of Compression Bandages with Absolute Bed Rest versus Ambulation in Treatment of Acute Proximal Deep Vein Thrombosis ; *Siriraj Med J* 2016;68:177-182

31. Sermsathanasawadi N, Chaivanit T, Suparatchatpun P, **Chinsakchai K**, Wongwanit C, Ruangsetakit C, Mutirangura P.
A new pretest probability score for diagnosis of lower limb deep vein thrombosis in unselected population of outpatients and inpatients. *Phlebology*. 2017;32:107-114.

32. Sermsathanasawadi N, Chatjaturapat C, Pianchareonsin R, Puangpunngam N, Wongwanit C, **Chinsakchai K**, Ruangsetakit C, Mutirangura P.
Use of customised pressure-guided elastic bandages to improve efficacy of compression bandaging for venous ulcers. *International wound journal*. 2017;14:636-640.

33. Sermsathanasawadi N, Tarapongpun T, Pianchareonsin R, Puangpunngam N, Wongwanit C, **Chinsakchai K**, Mutirangura P, Ruangsetakit C.
Customizing elastic pressure bandages for reuse to a predetermined, sub-bandage pressure: A randomized controlled trial. *Phlebology*. 2017:268355517746434.

34. Ruangsetakit C., Nuntiwattana N., Hahtapornsawan S., Hongku K, Wongwanit C, **Chinsakchai K.**, Sermsathanasawadi N., Mutirangura P.
Digital Photoplethysmograph in the Diagnosis of Deep Vein Thrombosis in Thai Patients *J Med Assoc Thai* 2017;Suppl 2: S155-61

35. **Chinsakchai K.**, Phetpoonpipat W., Ruangsetakit W., Wongwanit C, Mutirangura P., Sermsathanasawadi N., Hongku K., Hahtapornsawan S.
Outcomes of Asymptomatic Abdominal Aortic Aneurysm as Compared between Open Aortic Repair and Endovascular Aneurysm Repair *J Med Assoc Thai* 2017;Suppl 2: S162-69

36. Ruangsetakit C., Niyomnaitham V., **Chinsakchai K.**, Wongwanit C., Sermsathanasawadi N., Mutirangura P., Hahtapornsawan S.
Outcomes of Intra-operative Thrombolysis in Late Acute Arterial Embolism of the Lower Limb in a Cohort of Patients in Thailand. *Thrombosis J Med Assoc Thai* 2017;Suppl 3: S186- 92

37. Ruangsetakit C., Chueomor P. ., Hongku K, Hahtapornsawan S , **Chinsakchai K.**, Sermsathanasawadi N., Wongwanit C, Mutirangura P.
Outcomes of Autogenous Hemodialysis Access at Siriraj Hospital ; *J Med Assoc Thai* Suppl 3: S193-98

38. Hahtapornsawan S., Puangpunngam N., Hongku K., **Chinsakchai K.**, Wongwanit C., Ruangsetakit C., Mutirangura P.
Early and Long-term Outcomes of Obturator Bypass in Patients with Femoral Pseudoaneurysm and Critical Limb Ischemia *J Med Assoc Thai* 2017;Suppl 4: S173-78

39. Puangpunngam N., Ruangsetakit C., **Chinsakchai K.**, Wongwanit C., Sermsathanasawadi N., Mutirangura P.
Outcomes of Open Repair In Patients with Non-Ruptured and Ruptured Abdominal Aortic Aneurysms: Siriraj Hospital Experience from 2002 to 2009 *J Med Assoc Thai* 2017;Suppl 4: S167-72

40. **Chinsakchai K.**, Prapassaro T., Mutirangura P., Ruangsetakit C., Wongwanit C., Sermsathanasawadi N., Hahtapornsawan S., Tunpornpituk S., Hongku K.
Early Outcomes of Aorto-Uniiliac Stent Graft with Femorofemoral Bypass for Abdominal Aortic Aneurysm *J Med Assoc Thai* 2017;Suppl 4: S154-59

41. **Chinsakchai K.**, Prapassaro T., Aalisatkorn W., Hongku K., Moll FL., Ruansetakit C., Wongwanit C., Puangpunngam N., Hahtapornsawan S., Sermsathanasawadi N., Mutirangura P.

Outcomes of Open Repair, Fenestrated Stent Grafting, and Chimney Grafting in Juxtarenal Abdominal Aortic Aneurysm: Is it Time for a Randomized Trial? *Ann Vasc Surg.* 2018 Nov 23. pii: S0890-5096(18)30868-9. doi: 10.1016/j.avsg.2018.08.097. [Epub ahead of print]

42. Sermsathanasawadi N, Tarapongpun T, Pianchareonsin R, Puangpunngam N, Wongwanit C, **Chinsakchai K**, Mutirangura P, Ruangsetakit C.

Customizing elastic pressure bandages for reuse to a predetermined, sub-bandage pressure: A randomized controlled trial. *Phlebology.* 2018 Oct;33(9):627-635. doi: 10.1177/0268355517746434. Epub 2017 Dec 25

Invited international speaker

September 2006

Comparative Study of the Management of Diabetic versus Nondiabetic Patients with Atherosclerosis Obliterans of the Lower Extremities

(Asian Chapter Congress of the International Union of Angiology)

July 2007

Autologous angiogenic cell precursors therapy in patient with critical limb ischemia.

(32nd Annual Scientific Meeting of the Royal College of Surgeons of Thailand)

October 2008

Outcomes of Inferior Vena Cava Filter, an Experience at Siriraj Hospital

(9th International Congress of the Asian Society for Vascular Surgery)

November 2009

The Effect of Aortic Aneurysm Neck Thrombus on Outcome and Aortic Morphology after Endovascular Aneurysm Repair

(Veith Symposium: 36th Annual Symposium on Vascular and Endovascular Issues; New York, USA)

July 2010

How to improve outcome in patient with ruptured abdominal aortic aneurysm?

What's new in vascular surgery?

(35th Annual Scientific Meeting of the Royal College of Surgeons of Thailand)

April 2011

EVAR in the Real World - an Asian Perspective

(33rd Charing Cross International Vascular Symposium; London, the UK)

July 2011

Phegmiasia cerulea dolens

(36th Annual Scientific Meeting of the Royal College of Surgeons of Thailand)

September 2011

Experience of Urgostart in non-healing Venous Leg Ulcer

(8th Asia-Pacific Burn Congress & The 3rd Congress of the Asian Wound Healing Association; Bangkok, Thailand)

April 2012

The Role of Cilostazol for Management of Symptomatic PAOD

(Endovascular Therapy - Advisory Board Meeting; Seoul, Korea)

July 2012

Endovascular aneurysm repair for ruptured AAA

EVAR: Utilizing fenestrated/ branched stent grafts

Is Challenging AAA anatomy be offered to perform EVAR?

(37th Annual Scientific Meeting of the Royal College of Surgeons of Thailand)

January 2013

How to prevent complications of aortic neck thrombus during endovascular abdominal aortic aneurysm repair?

(Leipzig International Vascular Course, Germany)

April 2013

Extreme EVAR: How far to push the boundaries

(2nd Aortic Asia Singapore)

April 2014

Long-term Outcome of Open Surgical Repair is Better than Endovascular Aneurysm Repair in Patients with Infected Abdominal Aortic Aneurysm

(36th Charing Cross Symposium: London, the UK)

April 2014

Open Aneurysm Repair *is Not Worse than* Endovascular repair for Ruptured Abdominal Aortic Aneurysms, in Experience Center

(36th Charing Cross Symposium: London, the UK)

April 2014

Factors influence adverse outcome for EVAR in Ruptured AAA

(3rd Aortic Asia Meeting: Macao)

May 2014

Troubleshooting Strategies during Aortic Stent Grafting
Juxtarenal/Short Neck AAA (A Custom-Made Device-FEVAR)

(2nd SGH Surgical Skill Center, Singapore)

September 2014

How to Decrease Mortality of EVAR for Ruptured AAA?

Severe Neck Angulation of AAA Trouble Shooting and New Technique

(15th Congress of Asian Society for Vascular Surgery, Hong Kong)

December 2015

Identification of usual and unusual causes, the key point in the treatment of acute limb ischemia

Intraoperative venous drainage through hemodialysis for the treatment of reperfusion injury due to saddle aortic embolism

Treatment selection for Infected AAA (Open repair or EVAR)

(16th Congress of Asian Society for Vascular Surgery, Thailand)

June 2016

Optimal Strategies in Management of Juxtarenal Abdominal Aortic Aneurysms

(1st Asia-Pacific Angiology Academic Association Conference 2016, Macau, China)

July 2016

Narrowing aortic bifurcation: How much the narrowest diameter for bifurcated EVAR?

(The 41st Annual Scientific Meeting of the Royal College of Surgeons of Thailand)

April 2017

Standard EVAR for hostile neck AAAs

(6th year , Aortic Asia in Hongkong)

May 2017

Management infected AAA

(The 6th AAA focus meeting, Barcelona-Spain)

October 2017

Factors influence to durable treatment in EVAR for infected AAA

(18th Congress of Asian Society for Vascular Surgery, Kuala Lumpur-Malaysia)

January 2018

New Strategies and Technological Advances for Management of Complex Abdominal Aortic Aneurysm

(1st International Vascular Symposium: Unmet Clinical Needs in Vascular Medicine, Manila, Philippine)

April 2018

Endovascular Strategies for Short-neck AAA

(7th Aortic Asia in Singapore)

April 2018

Aortic Neck Angle-Length Index is a Predictor for Adjunct Neck Procedure during EVAR in AAA with Severe Proximal Neck Angulation

(40th year, Charing Cross Vascular and Endovascular Controversies Update, London, the UK)

May 2018

Aortic Neck Angle-Length Index in Severe Infrarenal Neck Angulation: The New Tool for Prediction of Intra-operative Neck Complications during EVAR Procedure

(4th Asia-Pacific Angiology Academic Association Conference 2016, Macau, China)

June 2018

VELA Aortic Stent Graft for Abdominal Aortic Aneurysm with Hostile Neck

(16th Gwangju International Interventional Cardiology Symposium (GICS 2018), South Korea)

June 2018

Factors Influencing Favorable Outcome and Persistent Infection of Endovascular Aneurysm Repair for Infected Abdominal Aortic Aneurysm

Aortic Neck Angle-Length Index in Severe Proximal Neck Angulation is a Predictor of Intraoperative Adverse Neck Outcomes during Endovascular Aneurysm Repair

(2018 Vascular Annual Meeting, Society of Vascular Surgery, Boston, the US)

July 2018

Aortic Neck Angle-Length Index in Severe Infrarenal Neck Angulation: The New Tool for Prediction of Intra-operative Neck Complications during EVAR Procedure

(19th Congress of Asian Society for Vascular Surgery, Guangzhou, China)

September 2018

Strategies and Treatment Outcomes of EVAR in AAA with Hostile Neck and Iliac Access

(2018 Annual Meeting of Taiwan Society for Vascular Surgery (TSVS), Taipei, Taiwan)

December 2018

Aortic Neck Angle-Length Index is a Predictor for Intraoperative Neck Complications and Perioperative Outcomes after Endovascular Aneurysm Repair in Abdominal Aortic Aneurysm with Severe Proximal Neck Angulation

Early and Long-term Outcomes of Asymptomatic Abdominal Aortic Aneurysm Treated with Endovascular Aneurysm Repair in Difference Age Groups

(6th VERVE Symposium, Sydney Australia)