

CURRICULM VITAE



General Information

Name	Wacin Buddhari, MD, FACC
Present appointments	Director, Cardiac Catheterization Laboratory Cardiac Center King Chulalongkorn Memorial Hospital Bangkok, Thailand Faculty; Interventional Cardiology Division of Cardiovascular Medicine, Department of Medicine Faculty, of Medicine, Chulalongkorn University Bangkok, Thailand Consultant cardiologist Bumrungrad International Hospital Bangkok, Thailand Consultant cardiologist Theptarin Hospital Bangkok, Thailand Consultant cardiologist BNH Hospital Bangkok, Thailand
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Date of Birth	May 28, 1963
Nationality	Thai
Residential address	8 Sukhumvit 83 Bangkok 10260, Thailand Tel: (66) 2332 3800 Fax: (66) 2730 0465

Education & Postdoctoral Training

1981 - 1987	Medical Diplomas (Second Class Honor) Faculty of Medicine (Medical School), Chulalongkorn University Bangkok, Thailand
1987 - 1989	Postdoctoral internship: Internal Medicine (Government obligation) Department of Medicine, Chonburi Hospital Chonburi, Thailand
1989 – 1992	Residency training: Internal Medicine Emory University School of Medicine Atlanta, Georgia, USA
1992 - 1993	Clinical research fellow: Cardiology Carlyle Fraser Heart Center Crawford Long Hospital of Emory University Atlanta, Georgia, USA
1993 – 1996	Fellowship: Cardiology Emory University School of Medicine Atlanta, Georgia, USA
1996 - 1997	Fellowship: Interventional Cardiology Andreas Greuntzig Cardiovascular Center Emory University School of Medicine Atlanta, Georgia, USA

Certifications

1987	Medical Diploma (Second class honor)
1992	American Board of Internal Medicine
1997	American Board of Internal Medicine: Added Qualification in Cardiovascular Disease
1997	Thai Board of Internal Medicine
1997	Thai Board of Cardiology

1999	American Board of Internal Medicine: Added Qualification in Interventional Cardiology
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Membership

Member:	Medical Council of Thailand
Member:	The Medical Association of Thailand
Member:	The Coronary Intervention Club of Thailand
Member:	The Royal College of Physician of Thailand
Member:	The Heart Association of Thailand
Fellow:	American College of Cardiology (FACC)

Offices / Committees

2002 – 2004	Scientific Chairman, the Coronary Intervention Club of Thailand
2004 – 2006	Secretary General, the Coronary Intervention Club of Thailand
2005 – 2010	Secretary General, Executive Committee, National PCI Registry
2008 – 2010	Scientific Chairman, The Heart Association of Thailand under the Royal Patronage
2010 – 2012	Secretary General, The Cardiovascular Intervention Association of Thailand
2011 – 2014	Treasurer, ASEAN Federation of Cardiology (AFC)
2014 – 2016	Vice President, The Cardiovascular Intervention Association of Thailand
2014 – 2018	Vice President, The Cardiovascular Intervention Association of Thailand (CIAT)
2018 – To date	President, The Cardiovascular Intervention Association of Thailand (CIAT)

Live Transmission / Course Director

1998	Course Co-Director, Advance Transradial Coronary Intervention. Dec 4-5, 1998 King Chulalongkorn Memorial Hospital
2004	Course Director, Introductory Workshop on Endovascular Therapy for Aortic Diseases. Oct 21-22, 2004. King Chulalongkorn Memorial Hospital
2005	Live Transmission from King Chulalongkorn Memorial Hospital to 14 th Annual Live Intervention in Vascular Endotherapy. Singapore Jan 25 th , 2005
2005	Course Director, 1 st Anniversary Workshop on Endovascular Therapy for Aortic Diseases. Nov 24 th , 2005 King Chulalongkorn Memorial Hospital

2006	Course Director, 3 rd Interactive Workshop on Endovascular Therapy for Aortic Diseases Aug 15-16 th , 2006 King Chulalongkorn Memorial Hospital
2007	Course Director, 1 st Chulalongkorn Complex Intervention (CCI): Left Main and Bifurcation PCI in the Era of DES (Live Demonstration) Sep 28 th , 2007 King Chulalongkorn Memorial Hospital
2008	Course Director, Principle and Techniques of Rotablator: Live demonstration & hands on workshop Feb 29 th , 2008 King Chulalongkorn Memorial Hospital
2008	Live Transmission from King Chulalongkorn Memorial Hospital to The 4 th AICT (Asian Intervention Cardiovascular Therapeutics) Meeting, Bangkok, Thailand. June 24 – 25, 2008
2013	Live Transmission from King Chulalongkorn Memorial Hospital to The 9 th AICT (Asian Intervention Cardiovascular Therapeutics) Meeting, Bangkok, Thailand. November 14 – 16, 2013
2014	Live Transmission from King Chulalongkorn Memorial Hospital to The 5 th Annual Conference of Cardiovascular Intervention Association of Thailand. November, 2014
2015	Live Transmission from King Chulalongkorn Memorial Hospital to The 6 th Annual Conference of Cardiovascular Intervention Association of Thailand. November 21 st , 2015
2016	Live Transmission from King Chulalongkorn Memorial Hospital to The 7 th Annual Conference of Cardiovascular Intervention Association of Thailand. November 26 th , 2016

Clinical Trial Experiences / Site Principle Investigator

DYSIS II: Dyslipidemia International Study II

CHAMPION PLATFORM: Intravenous platelet blockade with cangrelor during PCI

CrossFlex LC Asia Pacific Registry

2nd **SYMPHONY:** Sibrafiban vs aspirin to yield maximum protection from ischemic heart events post acute coronary syndromes. A phase III international, multicenter, randomized, double blinded, controlled trial

Evaluation of the anti-anginal efficacy and safety of oral chronic administration of ivabradine (5 mg b.i.d. then 7.5 mg b.i.d. or 10 mg b.i.d.) compared to atenolol (50 mg o.d. then 100 mg o.d.), in patients with stable effort angina pectoris. A 4 month international multicenter, parallel group, double blind, randomized, controlled trial

AGATHA: A Global Atherothrombosis Assessment

REACH (Reduction of Atherothrombosis for Continued Health) Registry: An international prospective observational registry in subjects at risk of atherothrombotic events

RIVIERA: Registry on intravenous anticoagulation in the elective and primary real world of angioplasty. International, multicenter, observational study of the use of procedural anticoagulant in a cohort of consecutive patients undergoing elective and primary percutaneous coronary intervention

ExTRACT TIMI 25: A randomized, double-blind, double dummy parallel group, multinational, clinical study to evaluate the efficacy and safety of enoxaparin versus unfractionated heparin in patients with acute ST segment elevation myocardial infarction receiving fibrinolytic therapy

ASSENT-4 PCI: A phase IIIb-IV, randomized, open label trial evaluating the efficacy and safety of tenecteplase together with unfractionated heparin prior to early PCI as compared to standard primary PCI in patients with acute myocardial infarction

Taxus Olympia Registry: Global TAXUS Liberté Registry Program to Support Worldwide Commercialization

E-Five Registry: TO Evaluate the “Real World” Clinical Performance of the Medtronic Endeavor ABT-578 Eluting Coronary Stent System

Spirit V: A clinical evaluation of the XIENCE V Everolimus eluting coronary stent system in the treatment of patients with de novo coronary artery lesions

Spirit V: Diabetes: A clinical evaluation of the XIENCE V Everolimus eluting coronary stent system in the treatment of diabetes patients with de novo coronary artery lesions:

Original Articles

Chiam PTL, Hayashida K, Watanabe Y, Yin WH, Kao HL, Lee MKY, Posas FE, Chandavimol M, **Buddhari W**, Dy TC, Nguyen NQ, Kim WJ, Chang K, Lin MS, Lam YY, Pham HM, Yahaya SA, Ho KW, Pan W, Liu XB, Wang J, Kim HS, Chen M. Sex differences in patients undergoing transcatheter aortic valve replacement in Asia. *Open Heart*. 2021 Jan;8(1):e001541. doi: 10.1136/openhrt-2020-001541.

Buddhari W, Uerojanaungkul P, Sriratanasathavorn C, Sukonthasarn A, Ambegaonkar B, Brudi P, Horack M, Lautsch D, Vyas A, Gitt AK. Low-Density Lipoprotein Cholesterol Target Attainment in Patients Surviving an Acute Coronary Syndrome in Thailand: Results From the Dyslipidaemia International Study (DYSIS) II. *Heart Lung Circ*. 2020 Mar;29(3):405-413. doi: 10.1016/j.hlc.2019.02.193. Epub 2019 Mar 28.

Tay EL, Hayashida K, Chen M, Yin WH, Park DW, Seth A, Kao HL, Lin MS, Ho KW, **Buddhari W**, Chandavimol M, Posas FE, Nguyen QN, Kong W, Rosli MA, Hon J, Firman D, Lee M. Transcatheter aortic valve implantation during the COVID-19 pandemic: Clinical

expert opinion and consensus statement for Asia. *J Card Surg.* 2020 Sep;35(9):2142-2146. doi: 10.1111/jocs.14722. Epub 2020 Jul 27.

Montrivade S, Chattranukulchai P, Siwamogsatham S, Vorasettakarnkij Y, Naeowong W, Boonchayaanant P, Sakulsupsiri A, Ariyachaipanich A, Lertsuwunseri V, Rungpradubvong V, Satitthummanid S, Puwanant S, Prechawat S, Srimahachota S, Chaipromprasit J, **Buddhari W**, Boonyaratavej S, Sitthisook S, Buranakitjaroen P, Sukonthasarn A, Sangwatanaroj S. Hypertension Subtypes among Thai Hypertensives: An Analysis of Telehealth-Assisted Instrument in Home Blood Pressure Monitoring Nationwide Pilot Project. *Int J Hypertens.* 2020 Apr 9;2020:3261408. doi: 10.1155/2020/3261408. eCollection 2020.

Kewcharoen J, Kittipibul V, Suttirut P, Lertsuwunseri V, Athisakul S, Chaipromprasit J, **Buddhari W**, Udayachalerm W, Srimahachota S, Ariyachaipanich A. Left ventricular dysfunction and mortality rates in STEMI patients who underwent primary PCI: a study from Thailand *Minerva Cardioangiol.* 2019 Aug;67(4):356-358. doi: 10.23736/S0026-4725.19.04920-X. Epub 2019 Apr 15

Poh KK, Ambegaonkar B, Baxter CA, Brudi P, **Buddhari W**, Chiang FT, Horack M, Jang Y, Johnson B, Lautsch D, Sawhney J, Vyas A, Yan BP, Gitt AK. Low-density lipoprotein cholesterol target attainment in patients with stable or acute coronary heart disease in the Asia-Pacific region: results from the Dyslipidemia International Study II. *Eur J Prev Cardiol.* 2018 Dec;25(18):1950-1963. doi: 10.1177/2047487318798927. Epub 2018 Sep 10.

Huntrakul A, Numchaisiri J, **Buddhari W**, Chattranukulchai P. Unusual atrial myxoma with neovascularization associated with fistula to right atrium *Eur Heart J.* 2017 Oct 14;38(39):2971. doi: 10.1093/eurheartj/ehx382

Krittayaphong R, Boonbaichaiyapruk S, Kiatchoosakun S, Piamsomboon C, Chotinaiwattarakul C, Kunjara-Na-Ayudhya R, Srimahachota S, **Buddhari W**, Tanprasert P, Tresukosol D. Demographics and Outcomes of Percutaneous Coronary Intervention in Thailand: Data from Thai Percutaneous Coronary Intervention Registry. *J Med Assoc Thai.* 2017 Mar;100(3):270-9.

Vaduganathan M, Harrington RA, Stone GW, Deliargyris EN, Steg PG, Gibson CM, Hamm CW, Price MJ, Menozzi A, Prats J, Elkin S, Mahaffey KW, White HD, Bhatt DL; **CHAMPION Investigators**. Cangrelor With and Without Glycoprotein IIb/IIIa Inhibitors in Patients Undergoing Percutaneous Coronary Intervention. *J Am Coll Cardiol.* 2017 Jan 17;69(2):176-185. doi: 10.1016/j.jacc.2016.10.055.

Asia-Pacific ACS Medical Management Working Group., Huo Y, Thompson P, **Buddhari W**, Ge J, Harding S, Ramanathan L, Reyes E, Santoso A, Tam LW, Vijayaraghavan G, Yeh HI. Challenges and solutions in medically managed ACS in the Asia-Pacific region: expert recommendations from the Asia-Pacific ACS Medical Management Working Group. *Int J Cardiol.* 2015 Mar 15;183:63-75. doi: 10.1016/j.ijcard.2014.11.195. Epub 2014 Nov 28. Review.

Srimahachota S, Rojnuckarin P, Udayachalerm W, **Buddhari W**, Chaipromprasit J, Lertsuwunseri V, Akkawat B, Jirapatrathamrong S. Comparison of original and generic clopidogrel 600 mg loading dose in the patients who planned undergoing coronary angiography. J Med Assoc Thai. 2012 Dec;95(12):1495-500.

Cholteesupachai J, **Buddhari W**, Udayachalerm W, Chaipromprasit J, Lertsuwunseri V, Kaewsukkho P, Boonyaratavej S, Srimahachota S. In-hospital outcomes of primary percutaneous coronary intervention in King Chulalongkorn Memorial Hospital: 11 years of experience. J Med Assoc Thai. 2012 Jul;95(7):866-73.

Urban P, Abizaid A, Banning A, Bartorelli AL, Baux AC, Džavík V, Ellis S, Gao R, Holmes D, Jeong MH, Legrand V, Neumann FJ, Nyakern M, Spaulding C, Worthley S; **e-SELECT Investigators**. Stent thrombosis and bleeding complications after implantation of sirolimus-eluting coronary stents in an unselected worldwide population: a report from the e-SELECT (Multi-Center Post-Market Surveillance) registry. J Am Coll Cardiol. 2011 Mar 29;57(13):1445-54. doi: 10.1016/j.jacc.2010.11.028.

Bhatt DL, Lincoff AM, Gibson CM, Stone GW, McNulty S, Montalescot G, Kleiman NS, Goodman SG, White HD, Mahaffey KW, Pollack CV Jr, Manoukian SV, Widimsky P, Chew DP, Cura F, Manukov I, Tousek F, Jafar MZ, Arneja J, Skerjanec S, Harrington RA; **CHAMPION PLATFORM Investigators**. Intravenous platelet blockade with cangrelor during PCI N Engl J Med. 2009 Dec 10;361(24):2330-41. doi: 10.1056/NEJMoa0908629.

Puwanant S, Tumkosit M, Sitthisook S, **Buddhari W**, Rungpradubvong V, Boonyaratavej S. Scimitar sign in a patient with an atrial septal defect: a comprehensive noninvasive assessment with transthoracic echocardiography and computed tomography. J Am Coll Cardiol. 2009 Oct 13;54(16):1556. doi: 10.1016/j.jacc.2009.03.089. No abstract available.

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Phowthongkum P, Burapasubkajorn P, Intarabeth P, **Buddhari W**, Kowitoonkij W. Familial aortic dissection and congenital iris flocculi with hypertension. Ophthalmic Genet. 2008 Sep;29(3):126-7.

Tungsubutra W, Tresukosol D, **Buddhari W**, Boonsom W, Sanguanwang S, Srichaiveth B; Thai ACS Registry. Acute coronary syndrome in young adults: the Thai ACS Registry. J Med Assoc Thai. 2007 Oct;90 Suppl 1:81-90.

Panmethis M, Wangsuphachart S, Rerkpattanapipat P, Srimahachota S, **Buddhari W**, Kitsukjit W. Detection of coronary stenoses in chronic stable angina by multi-detector CT coronary angiography. J Med Assoc Thai. 2007 Aug;90(8):1573-80.

Srimahachota S, Boonyaratavej S, Udayachalerm W, **Buddhari W**, Chaipromprasit J, Suithichaiyakul T. Comparison of official hours versus non-official hours: percutaneous coronary intervention in acute ST-elevation myocardial infarction patients. J Med Assoc Thai. 2007 Jan;90(1):45-51.

Srimahachota S, Boonyaratavej S, Udayachalerm W, **Buddhari W**, Chaipromprasit J and Suithichaiyakul T. Worse prognosis for woman who underwent primary percutaneous intervention for acute ST-elevation myocardial infarction. J Med Assoc Thai 2004;87:519-24

Kleechaya K, **Buddhari W**. Coronary Heart Disease in Diabetic Patients. Chula Journal of Internal Medicine 2003(16) No 2 p 59-75

Worachotekamjorn K, Suithichaiyakul T, Srimahachota S, **Buddhari W**, Udayachalerm W. Effect of fast-track system on door-to-balloon time and door-to-needle time for acute myocardial infarction patients. Thai Heart J 2002;15:1-10

Benjacholamas V, Jindarak S, **Buddhari W**. Myocardial revascularization with the posterior tibial artery. Ann Thorac Surg. 2002 Apr;73(4):1312-4.

Srimahachota S, Boonyaratavej S, Udayachalerm W, **Buddhari W**, Somabutr C, Chayanont D, Ngarmukos P. PTCA in acute myocardial infarction with cardiogenic shock: immediate and late outcomes. J Med Assoc Thai 2001;84:1449-54

Srimahachota S, Boonyaratavej S, Udayachalerm W, **Buddhari W**, Somabutr C, Chayanont D, Ngarmukos P. Initial outcomes of coronary angioplasty in diabetic patients. J Med Assoc Thai. 2001 Jun;84 Suppl 1:S437-42.

Chalasani P, Montgomery DH, Chang GL, **Buddhari W**, Felner JM. Images in cardiovascular medicine. Permanent pacemaker wire vegetation in the right atrium. Circulation. 1995 Jul 1;92(1):148. doi: 10.1161/01.cir.92.1.148.

Buddhari W., Bowornwattanuwoonges J. A Growing Problems of Vibrio Vulnificus Septicemia in Thailand : A report of three cases and review of literatures. Chonburi Hospital Journal 1989 Jan –Mar

Abstracts / Oral Presentation

Buddhari W et al. Early experiences of primary PTCA in acute MI at King Chulalongkorn Memorial Hospital. Presented at the 12th ASEAN Congress of Cardiology. Manila Philippines. Dec 1998.

Buddhari W et al. on behalf of the Thai ACS Registry Executive Committee. Primary Angioplasty vs. Fibrinolysis in patients with Acute ST Elevation Myocardial Infarction: Results from the Thai ACS Registry. Presented at the 2005 Annual Scientific Meeting of the Heart Association of Thailand. Mar 2005

Book Chapter

Buddhari W. Coronary Intervention 1998. Proceeding the 39th Annual Scientific Meeting ,Faculty of Medicine , Chulalongkorn University. Mar 1998 p263-273

Buddhari W., Chaipromprasit J, ACE –Inhibitors on Miscellaneous Cardiac Disorders. ACE-Inhibitors 2nd Edition 1998 p 247-265

Buddhari W. Secrets in the management of chronic stable angina. Short Course in Internal Medicine. Aug 1998 V. Sridama Editor. p N17-28

Buddhari W. Practice Guidelines for Unstable Angina. Clinical Practice Guideline in Internal Medicine. Aug 1999 V. Sridama Editor. P 139-147

Buddhari W. Coronary Heart Disease and Diabetes Mellitus. Short Course in Endocrinology. Chulalongkorn University . October 1999 V. Sridama Editor. p 161-178

Buddhari W. Current Concept in the Management during the Initial Phase of Acute Myocardial Infarction. Cardiology 1999 T. Suthichaiyakul Editor. P 165-182

Buddhari W. Coronary Heart Disease in Diabetic Patients. Management of Diabetes Mellitus. Feb 2000 Sridama V Editor p161-178

Buddhari W. Antiplatelet agents in Cardilvascular Diseases. Short course in Internal Medicine. Aug 2000 Sridama V Editor. p

Buddhari W. Cardiogenic Shock. Emergency in Internal Medicine. Sridama V Editor 2001 p 358-371

Buddhari W. Diagnosis and Risk Stratification in patients with Chronic Stable Angina. Ambulatory Medicine Short Course in Internal Medicine November 2002 Sridama V Editor P

Buddhari W. Atherosclerosis and Coronary Heart Disease. Text Book of Internal Medicine 4. Mar 2003. Sridama V. Editor p356-368

Buddhari W. Diagnosis and Risk Stratification in patients with Chronic Ischemic Heart Disease. Cardiology 2003. Puawilai W Editor p 197-208

Buddhari W. Guidelines in the Management of Unstable Angina / Non ST segment Elevation Myocardial Infarction. In-patients Clinical Practice. Nov 2003 Khovithunkit V Editor. p 351-366

Buddhari W. Management of Unstable Angina / NonST elevation Myocardial Infarction (Acute Coronary Syndromes without Persistent ST Elevation. Evidence-base Clinical Practice Guidelines in Internal Medicine, Sridama V, Intrakumtornchai T Editor 2003:p 408-420

Buddhari W. Management of Unstable Angina / NonST elevation Myocardial Infarction (Acute Coronary Syndromes without Persistent ST Elevation. Evidence-base Clinical Practice Guidelines in Internal Medicine, Sridama V Editor (2nd Edition) Jan 2005:p 403-415