

## **Duke-NUS / SingHealth CV**

Updated as at 6 May 2018



### **(1) Personal Particulars**

Full Name (complete with degrees) : Yeo Khung Keong

Last Name: Yeo

Date of Birth : October 1973 Age : 45

Nationality : Singaporean Marital Status : Married

Gender : Male / ~~Female~~

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### **(2) Brief Biography**

Dr. Yeo graduated in 1997 from the National University of Singapore where he obtained his Bachelor of Medicine and Surgery. He subsequently trained in the United States of America and obtained his American Board of Internal Medicine Certifications in Internal Medicine, Cardiovascular Medicine and Interventional cardiology. Currently, Dr Yeo is a senior consultant cardiologist and interventional cardiologist in the department of cardiology and leads the MitraClip program at the National Heart Centre Singapore. He is also the Scientific Lead for the Clinical Sciences and Database Core at the National Heart Research Institute Singapore. Dr Yeo previously served as the Program Director of the SingHealth Cardiology Senior Residency Program, and is currently the Academic Vice Chair (Training and Education) for the SingHealth Duke-NUS Cardiovascular Academic Clinical Program. He is a member of the Singapore Cardiac Society, American Heart Association, and is a Fellow of the European Society of Cardiology (FESC), American College of Cardiology (FACC), the Asian Pacific Society of Cardiology (FAPSC), the Asian Pacific Society of Interventional Cardiology, and the Society of Cardiovascular Angiography and Interventions (FSCAI). He is the Chair of the Scientific Advisory Board for the Asian Pacific Society of Cardiology. He has published widely in international peer-reviewed journals and is a peer-reviewer for Circulation, the American Journal of Cardiology, Heart, Journal of the American College of Cardiology: Cardiovascular Intervention, Yonsei Medical Journal, ASEAN Heart Journal and Singapore Medical Journal. He is a member of the Editorial Board of the Korea Circulation Journal. Dr Yeo is particularly interested in the use of percutaneous or catheter-based techniques to treat the mitral valve. He has presented multiple abstracts in regional and international conferences on the Asian experience with the MitraClip device and has established the MARS registry (MitraClip Asia-Pacific Registry). In his other major research interest, Dr Yeo is interested in long-term cardiovascular outcomes in Health Outcomes Research.

### **(3) Current Appointment Details**

Institution of primary appointment: National Heart Centre Singapore (NHCS)

Secondary Appointment(s), if any:

Adjunct Associate Professor (Duke-NUS Medical School), Clinical Senior Lecturer (National University of Medicine, Yong Loo Lin-School of Medicine)

Present rank(s) and title(s): Senior Consultant, NHCS

## **(4) Publications**

### **(A) Refereed Journals**

#### **(i) Original Articles (selected)**

1. Zhang JM, Shuang D, Baskaran L, Wu W, Teo SK, Huang W, Gobeawan L, Allen JC, Tan RS, Su X, Ismail NB, Wan M, Su B, Zou H, Low R, Zhao X, Chi Y, Zhou J, Su Y, Lomarda AM, Chin CY, Fam JM, Keng FYJ, Wong ASL, Tan JWC, Yeo KK, Wong PEH, Chin CT, Ho KW, Yap J, Kassab GS, Chua T, Koh TH, Tan SY, Lim ST, Zhong L. Advanced analyses of computed tomography coronary angiography can help discriminate ischemic lesions. *Int J Cardiol* 2018.
2. Yeo KK, Armstrong EJ, Lopez JE, Chen DC, Westin GG, Li CS, Anderson D, Hua A, Singapuri A, Amsterdam EA, Chiamvimonvat N, Laird JR. Aspirin and clopidogrel high on-treatment platelet reactivity and genetic predictors in peripheral arterial disease. *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions* 2018.
3. Yap J, Singh GD, Kim JS, Soni K, Chua K, Neo A, Koh CH, Armstrong EJ, Waldo SW, Shunk KA, Low RI, Hong MK, Jang Y, Yeo KK. Outcomes of primary percutaneous coronary intervention in acute myocardial infarction due to unprotected left main thrombosis: The Asia-Pacific Left Main ST-Elevation Registry (ASTER). *Journal of interventional cardiology* 2018;**31**(2):129-135.
4. Lim WK, Davila S, Teo JX, Yang C, Pua CJ, Blocker C, Lim JQ, Ching J, Yap JLL, Tan SY, Sahlen A, Chin CW, Teh BT, Rozen SG, Cook SA, Yeo KK, Tan P. Beyond fitness tracking: The use of consumer-grade wearable data from normal volunteers in cardiovascular and lipidomics research. *PLoS Biol* 2018;**16**(2):e2004285.
5. Lim FY, Yap J, Gao F, Teo LL, Lam CSP, Yeo KK. Correlation of the New York Heart Association classification and the cardiopulmonary exercise test: A systematic review. *Int J Cardiol* 2018.
6. Cannistraci CV, Nieminen T, Nishi M, Khachigian LM, Viikila J, Laine M, Cianflone D, Maseri A, Yeo KK, Bhindi R, Ammirati E. "Summer Shift": A Potential Effect of Sunshine on the Time Onset of ST-Elevation Acute Myocardial Infarction. *Journal of the American Heart Association* 2018;**7**(8).
7. Yap J, Singh GD, Kim JS, Soni K, Chua K, Neo A, Koh CH, Armstrong EJ, Waldo SW, Shunk KA, Low RI, Hong MK, Jang Y, Yeo KK. Outcomes of primary percutaneous coronary intervention in acute myocardial infarction due to unprotected left main thrombosis: The Asia-Pacific Left Main ST-Elevation Registry (ASTER). *Journal of interventional cardiology* 2017.
8. Tan XW, Zheng Q, Shi L, Gao F, Allen JC, Jr., Coenen A, Baumann S, Schoepf UJ, Kassab GS, Lim ST, Wong AS, Tan JW, Yeo KK, Chin CT, Ho KW, Tan SY, Chua TS, Chan ES, Tan RS, Zhong L. Combined diagnostic performance of coronary computed tomography

- angiography and computed tomography derived fractional flow reserve for the evaluation of myocardial ischemia: A meta-analysis. *Int J Cardiol* 2017;**236**:100-106.
9. Bulluck H, Foin N, Cabrera-Fuentes HA, Yeo KK, Wong AS, Fam JM, Wong PE, Tan JW, Low AF, Hausenloy DJ. Reply: Meta-Analysis of the Index of Microvascular Resistance in Acute STEMI Using Incomplete Data. *JACC Cardiovascular interventions* 2017;**10**(4):422.
  10. Ang LW, Yap J, Lee V, Chng WQ, Jaufeerally FR, Lam CS, Cutter J, Yeo KK, Ma S. Influenza-Associated Hospitalizations for Cardiovascular Diseases in the Tropics. *Am J Epidemiol* 2017:1-8.
  11. Yeo KK, Yap J, Tan JW, Lim ST, Koh TH. Venous Access Closure Using the Double-ProGlide Preclose Technique After MitraClip Implantation: Long-Term Clinical and Duplex Ultrasound Outcomes. *J Invasive Cardiol* 2016;**28**(2):40-3.
  12. Yap J, Earnest A, Lee V, Sng G, Lam C, Yeo KK. Impact of stock market volatility on mortality and cardiovascular events. *Int J Cardiol* 2016;**223**:318-319.
  13. Gao F, Lam CS, Yeo KK, Machin D, de Carvalho LP, Sim LL, Koh TH, Foo D, Ong HY, Tong KL, Tan HC, Earnest A, Chua T, Chan MY. Influence of Ethnicity, Age, and Time on Sex Disparities in Long-Term Cause-Specific Mortality After Acute Myocardial Infarction. *Journal of the American Heart Association* 2016;**5**(10).
  14. Yeo KK, Armstrong EJ, Soni K, Waldo SW, Patel M, Reeves R, MacGregor JS, Low RI, Shunk KA, Mahmud E, Rogers JH. Long-term outcomes of angiographically confirmed coronary stent thrombosis: results from a multicentre California registry. *EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology* 2015;**11**(2):188-95.
  15. Tay E, Muda N, Yap J, Muller DW, Santoso T, Walters DL, Liu X, Yamen E, Jansz P, Yip J, Zambahari R, Passage J, Ding ZP, Wang J, Scalia G, Soesanto AM, Yeo KK. The MitraClip Asia-Pacific registry: Differences in outcomes between functional and degenerative mitral regurgitation. *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions* 2015.
  16. Yeo KK, Yap J, Yamen E, Muda N, Tay E, Walters DL, Santoso T, Liu X, Jansz P, Yip J, Zambahari R, Passage J, Koh TH, Wang J, Scalia G, Kuntjoro I, Soesanto AM, Muller D. Percutaneous mitral valve repair with the MitraClip: early results from the MitraClip Asia-Pacific Registry (MARS). *EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology* 2014;**10**(5):620-5.
  17. Yeo KK, Maddox TM, Carey E, Low RI, Shunk KA. Right- and Left-Sided Heart Catheterization as a Quality Marker for Catheterization Laboratories (from the National Veterans Affairs Clinical Assessment Reporting and Tracking Program). *The American journal of cardiology* 2014;**114**(11):1758-62.

## **(B) Non-refereed publications**

### **(i) Books & Chapters**

*Indicate authors or editors.*

1. Yeo KK, Laird J. Subclavian and Upper Extremity Interventions (Chapter). *Peripheral and Cerebrovascular Intervention*. 2012, pp 99-114. Springer
2. Feldman T, Franzen O, Low I, Rogers J, Yeo KK (Eds). *Atlas of Percutaneous Edge-to-Edge Mitral Valve Repair*. 2013. Springer
  - a. Yeo KK, Rogers JR, Low R. Chapter 3: Room Setup

- b. Yeo KK, Rogers JR, Low R. Chapter 7: Transseptal Puncture
  - c. Yeo KK, Rogers JR. Chapter 8: Venous Access Management
  - d. Yeo KK, Lim E, Ding ZP, Lim ST, Koh TH. Chapter 11. MitraClip: Basic Degenerative Case
  - e. Yeo KK, Chiam PTL, Tan J, Ding ZP. Chapter 23. Chiari Network Complicating a MitraClip Procedure
  - f. Armstrong EJ, Yeo KK, Rogers JR. Chapter 24. EVEREST II. Two MitraClip Procedures with Partial Detachment of Second Device
3. Yeo KK, Rogers, J. Transseptal Catheterization (Chapter). *Interventional Procedures for Adult Structural Heart Disease*. 2014. Elsevier
  4. Low R, Yeo KK. *Clinical Cases in Coronary Rotational Atherectomy: Complex Cases and Complications (Clinical Cases in Interventional Cardiology)*, 2017. Springer

## **(5) Editorship**

1. *Atlas of Percutaneous Edge-to-Edge Mitral Valve Repair*. Feldman T, Franzen O, Low I, Rogers J, Yeo KK (Eds). Springer 2013.
2. Low R, Yeo KK. *Clinical Cases in Coronary Rotational Atherectomy: Complex Cases and Complications (Clinical Cases in Interventional Cardiology)*, 2017. Springer