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# **Dr Asaad Akbar Khan**

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**Mobile:** +92 3008508457 **Date of birth:** February 16, 1981

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asaad.khan@mountsinai.org

**Education**

05/19  **Society of Coronary Angiography and Intervention (USA)**

Fellow Society of Coronary Angiography and Intervention (FSCAI)

03/19  **American College of Cardiology**

Fellow American College of Cardiology (FACC)

07/16-06/17 **Mount Sinai Hospital, Icahn School of Medicine, New York, USA**

Fellowship in Interventional Structural Heart Disease

07/15-06/16 **Mount Sinai Hospital, Icahn School of Medicine, New York, USA**

Coronary Interventional Cardiology Fellowship

09/13-06/15 **Massachusetts General Hospital, Harvard Medical School, Boston, USA**

Clinical and Research Fellowship in Echocardiography (including level ll training in Cardiac CT and CMR)

07/2016 **Irish Committee of Higher Medical Training**

CSCST (*Certificate of Satisfactory Completion of Specialist training in Cardiology)*

06/2013 **European Society of Cardiology**

*ESC Cardiology Fellows Exam*

Passed

06/2012 **Royal College of Physicians (UK)**

*MRCP (UK), MRCP (London)*

2009-2013 **ECFMG (US)**

08/2009 USMLE Step 2 CK (90 percentile)

11/2009 USMLE Step 2 CS (passed)

02/2013 USMLE Step 1 (passed)

06/2013 USMLE Step 3 (passed)

02/2008 **Royal College of Physicians (Ireland)**

*MRCPI*

08/2005 **General Medical Council (UK)**

## PLAB

01/1999-

04/2004 **King Edward Medical College, Pakistan**

*MBBS (Honors)*

01/1999-

09/2002 **University of the Punjab, Pakistan**

*BSc*

**Honours and Prizes**

2019-2021 Member- CLCD & CVRI Cardiac Imaging and Intervention Committee of the American Heart Association **(AHA)** Council on Clinical Cardiology

2018 Expert panelist and Faculty at **ACC.**18

2009-2017 Extensively involved in research in Cardiology and presented multiple research articles at major international meetings such as American College of Cardiology (ACC); American Heart Association (AHA); European Society of Cardiology (ESC), Trans-catheter Therapeutics (TCT); Euro Prevent, Euro PCR, Euro Heart Failure etc.

2014 Recognized at the “**Joint Symposium of British Cardiovascular Society, Irish Cardiac Society and American College of Cardiology” at ACC. 2014** as the *Highest Ranked* abstract from Ireland.

2012 Selected as **ESC** faculty member for Annual European Society of Cardiology Congress 2012 (ESC)

2009 Nominated for outstanding postgraduate presentation of the year at NUI Galway

2005 Awarded silver medal for research paper presented at the International Surgical

Conference, Lahore

2003 Graduated from the top medical school in Pakistan (King Edward Medical College) in the top 5-10 % of the class.

2002 Distinction: year three, Medical School

2000 Best undergraduate research paper in Physiology at the National All Pakistan Physiology research conference

1998 National Merit Scholarship for FSc (A+ grade, A levels equivalent)

1996 First position in Matriculation at secondary school

1996 National Talent Scholarship for matric (A+grade, O levels equivalent)

**Registration**

ECFMG: Full registration (Reg no: 07593122).

Irish Medical Council: Permanent registration (Reg no: 262199)

General Medical Council, UK: Full registration (Reg no: 6099763).

Pakistan Medical and Dental Council: Permanent registration (Reg no: 44214-P).

**Memberships**

Fellow American College of Cardiology

Member Interventional Cardiology section, American College of Cardiology

Fellow Society of Coronary Angiography and Intervention

Member European Society of Cardiology

Member European Association of Percutaneous Coronary Intervention

Member American Heart Association

Member Irish Cardiac Society

Member Royal College of Physicians of Ireland

Member Royal College of Physicians (UK)

Member Royal College of Physicians (London)

**Clinical Experience**

**06/04 – 11/04**  **Mayo Hospital, Lahore, Pakistan.**

Intern: General Medicine

**12/04 – 05/05 Mayo Hospital, Lahore, Pakistan.**

Intern: General Surgery

**06/05- 12/05 (unemployed)** Did PLAB exam and seeked jobs in UK and Ireland.

**01/06 – 06/06 Our Lady’ hospital Navan , Ireland.**

Senior House Officer : General Medicine/Cardiology (unaccredited residency training)

**07/06-07/08 University Hospital Galway, Ireland.**

*2 yr Western pre membership training scheme*: equivakent to residency training program)

**07/08-06/09 University College Hospital, NUI Galway, Ireland.**

**Fellow/**Registrar: Cardiology (unaccredited training in cardiology)

**07/09-06/10 Beaumont University Hospital, RCSI, Dublin, Ireland.**

**Fellow/**Registrar: Cardiology (unaccredited training in cardiology)

**Since July 2010 till date I have been enrolled in the cardiology specialist registrar training program supervised by “Irish Board for Training in Cardiovascular Medicine” under Royal College of Physicians of Ireland. The Irish Board for Training in Cardiovascular Medicine accredits my training both in Ireland and USA.**

**07/10-06/11 Wexford General Hospital, Wexford, Ireland**

**(Supervising body: Irish Board for Training in Cardiovascular Medicine)**

Specialist Registrar: Internal medicine/cardiology

**07/11-07/12 Cork University Hospital, Cork, Ireland**

**(Supervising body: Irish Board for Training in Cardiovascular Medicine)**

Specialist Registrar: Cardiology

**07/12-07/13 St James’s University Hospital, Dublin, Ireland**

**(Supervising body: Irish Board for Training in Cardiovascular Medicine)**

Specialist Registrar: Cardiology

**07/13-08/13** Awaited Visa clearance to start fellowship at MGH (unemployed)

**09/13-06/15 Massachusetts General Hospital, Harvard Medical School, Boston, USA**

Echocardiography Clinical and Research Fellow

**07/15-06/16 Mount Sinai Hospital, Icahn School of Medicine, New York, USA**

Coronary Interventional Cardiology Fellow

**07/16-06/17** **Mount Sinai Hospital, Icahn School of Medicine, New York, USA**

Structural Heart Disease Fellow

**8/17 - 09/19 Mount Sinai Hospital, Icahn School of Medicine, New**

**York, USA**

**Assistant Professor of Medicine (Cardiology),**

**Assistant Director, Interventional Structural Heart Disease Program, Mount Sinai Hospital, New York.**

**09/19 - present Consultant Interventional Cardiologist**

**Shifa International Hospitals, Islamabad, Pakistan**

**Presentations:**

10/2016 Challenging clinical case presentation at **TCT 2016** “A difficult case of valve in valve deployment of Evolut-R CoreValve in a bioprosthetic AVR complicated by valve displacement and snare entanglement behind valve frame”.

04/2016 Poster presentation at **ACC.16** “ Elective alcohol septal ablation pre transcatheter aortic valve replacement to optimize outcomes in patients with asymmetric septal hypertrophy”.

04/2016 Poster presentation at **ACC.16 “** Differential effects of dobutamine and exercise on left ventricular volumes during stress echocardiography”.

11/2015 Poster presentation at **American Heart Association (AHA)** Scientific Session 2015 “Correlation of Right Heart Echocardiographic Quantitation With CPET Parameters to Predict Clinical Outcomes in Patients With Congenital Right Heart Disease”.

05/2014 Poster presentation at **Frontiers in CardioVascular Biology 2014** “Fractional flow reserve guided percutaneous coronary intervention; does long term data support its efficacy (a real world single centre experience in consecutive patients).”

04/2014 Poster presentation at **Euro Heart Failure 2014** “Incidence of cardiomyopathy in heamochromatosis; are we cautious enough?”

03/2014 Oral moderated poster presentation at **ACC.2014** “A Complicated Case of Aortic and Tricuspid Valve Endocarditis in a Pregnant Woman; Requiring Emergency Caesarean Section and Valve Replacement”. Recognized at the“**Joint Symposium of British Cardiovascular Society, Irish Cardiac Society and American College of Cardiology” at ACC. 2014** as the ***Highest Ranked*** research abstract from Ireland.

03/2014 Poster presentation at **Euro HeartCare 2014** “Audit of current Transoesophagel echocardiography practice in a tertiary care hospital”

05/2013 Poster presentation at **EURO PCR** “A successful case of emergent unilateral renal artery stenting to treat flash pulmonary edema”

10/2012 Poster presentation at **Irish Cardiac Society AGM** “Incidence of cardiomyopathy in Heamochromatosis;Are we cautious enough”.

08/2012 Oral Presentation “Brugada syndrome unmasked by a Pheochromocytoma**” ESC Cardiologist Of Tomorrow** session at **ESC Munich 2012**.

05/2012 Poster presentation **Euro Prevent** 2012 Significance of post coronary revascularization positive exercise stress test: do we need to be alarmed?

05/2012 Poster Presentation **Euro Prevent** 2012 Incidence of contrast induced nephropathy after angiogram compared to different radiological investigations.

04/2011 Poster presentation at **Euro Prevent** 2011 “A prospective analysis of current practices of renal profile assessment post coronary angiography to determine possible causes and ways to prevent Contrast Induced Nephropathy”.

08/2010 Poster presentation at **ESC “** In hospital and 30-day outcomes following PCI in Octogenarians - a real world cohort from a single referral centre”

08/2010 Oral presentation at **ESC “** Prevalence of group 1 ECG abnormalities in a random population of young people who participate in sport”.

06/2010 Poster presentation at **EURO Heart Failure “**The Incremental value of ambulatory BP monitoring in titration of therapies in a chronic heart failure population with concomitant renal dysfunction.”

Poster presentation at **EURO Prevent** 2010 in Prague, Czech Republic (5th -7th May 2010)

05/2010 Causes of positive exercise stress test in post PCI patients undergoing cardiac rehabilitation; are we missing something?

08/2009 Poster presentation at **ESC Congress** 2009 in Barcelona, Spain (29th Aug-2nd Sept)

“Impact of a heart failure management program on hospital readmission and functional status of patients with advanced heart failure (An Irish perspective).”

05/2009 Poster presentation at **EURO Heart Failure** Conference in Nice, France (30th May-2nd

June ) “Diastolic heart failure: Are we doing enough to prevent it?”

10/2009 Oral presentation at **Irish Cardiac Society** AGM 2009 in Killarney (8th-10th Oct) “Incidence of contrast induced nephropathy after angiogram compared to different radiological investigations”.

10/2009 Oral presentation at **Irish Cardiac Society** AGM 2009 in Killarney (8th-10th Oct) “In hospital and 30-day outcomes following PCI in Octogenarians - a real world cohort from a single referral centre”

11/2009 Poster presentation at **American Society of Nephrology**, San Diego, USA Oct “Predictors of Contrast Nephropathy: Are We Paying Enough Attention?”

12/2008 Oral presentation at **American Association of Respiratory Care** (International Respiratory Congress) California,USA Dec 13-16,2008.

“Overnight pulse oximetry compared with polysomnography as means of instituting therapeutic measures in pts with suspected sleep apnea syndrome”.

10/2008 Poster presentation at **Irish Cardiac Society** AGM Galway, Oct 10-11 2008

“Impact of a heart failure management program on hospital readmission and functional status of patients with advanced heart failure”.

08/2008 Poster presentation at Annual **Irish Neurology Society** meeting Dublin, 2008.

“Identifying the mechanisms of Stroke and its implications”.

11/2007 Oral presentation at Annual **Irish Thoracic Society** Meeting, Dublin 2007.

“Overnight pulse oximetry compared with polysomnography as means of instituting therapeutic measures in pts with suspected sleep apnea syndrome”.

11/2007 Poster presentation at Annual **Irish Thoracic Society** Meeting, Dublin 2007. “Accuracy of Auto-titrating CPAP in predicting an effective pressure for the treatment of

Obstructive Sleep Apnea with a Fixed Pressure CPAP”

03/2005 Awarded silver medal for research paper presented at the **International Surgical**

**Conference** “Comparison between primary repair and exteriorization in cases of typhoid perforation”, Lahore.

01/2000 Best undergraduate research paper in Physiology (**All Pakistan Physiology Research Conference**) “The prevalence of renal complications in Type-2 Diabetes Mellitus”.

**Most innovative intervention for improvement of healthcare delivery at Mount Sinai Hospital:**

I devised an innovative, safe and efficient post procedure care pathway for high-risk patients undergoing catheter based structural heart disease interventions such as trans-catheter aortic valve replacement, trans-catheter MitraClip procedure etc. at Mount Sinai Hospital. Before this, there was no set standardized protocol available at Mount Sinai or in internationally published literature which would help in pre and post procedure management of this highly complex patient population. Following its implementation, I played a pivotal role in educating nursing and paramedical staff regarding various new procedural recommendations present in my protocol to ensure a safe and smooth transition. I have continuously updated it based on the best available international standards. It has helped in standardizing care for patients undergoing these complex procedures and provided the nursing staff with guidelines on managing the sick patients undergoing these complex procedures. Another important consequence of this intervention was reduced length of stay for these patients as care standards and work flow were homogenized.

**Editorial position:**

* Sub-editor of open access journal[www.e-journalofcardiology.com](http://www.e-journalofcardiology.com)

**Expert reviewer:**

Expert reviewer for **“Journal of American College of Cardiology (JACC)”**

* Expert reviewer for **“British Medical Journal Case Reports(BMJ)”**
* Expert reviewer for **“Clinical Case Reports” journal.**

**Media position:**

* Regular blog writerfor **ARY media group ( one of the biggest South East Asian media groups)**

**Press releases:**

* Mentioned in **Mount Sinai Winter press release** as part of transcatheter valve deployment team
* Wrote section on alcohol septal ablation in Mount **Sinai Cath Lab clinical outcomes report 2016**

**International Multicenter Trials:**

Co-investigator of **“Global Study Comparing a rivAroxaban-based Antithrombotic Strategy to an antipLatelet-based Strategy After Transcatheter aortIc vaLve rEplacement to Optimize Clinical Outcomes” (GALILEO) trial.**

**Publications:**

**Khan A,** Tang G et al.

**Aortic Stenosis With Severe Asymmetric Septal Hypertrophy: A Novel Management Strategy to Improve TAVR Outcomes**

*JACC Cardiovasc Interv. 2019 Nov 11 (ahead of print)*

**Khan A,** Dangas G.

[**Redefining landmarks to improve #safefemoral outcomes.**](https://www.ncbi.nlm.nih.gov/pubmed/31622006)

*Catheter Cardiovasc Interv. 2019 Sep 1;94(3):376-377. doi: 10.1002/ccd.28471.*

*PMID: 31622006*

Farhan S, Baber U, Vogel B, Aquino M, Giustino G, Chandrasekhar J, Sorrentino S, Guedeney P, Manzanilla G, Bunal N, Rassouli M, Barman N, Sweeny J, **Khan A**, Dangas G, Mehran R, Kini A, Sharma SK.

[**Feasibility of measuring patient-reported health status at time of percutaneous coronary intervention: Results from a single-center quality-improvement initiative.**](https://www.ncbi.nlm.nih.gov/pubmed/31480872)

*Eur J Prev Cardiol. 2019 Sep 3:2047487319874150. doi: 10.1177/2047487319874150. [Epub ahead of print]*

PMID: 31480872

Tang GHL, Zaid S, Gupta E, Ahmad H, **Khan A**, Kovacic JC, Lansman SL, Dangas GD, Sharma SK, Kini A.

[**Feasibility of Repeat TAVR After SAPIEN 3 TAVR: A Novel Classification Scheme and Pilot Angiographic Study.**](https://www.ncbi.nlm.nih.gov/pubmed/31272674)

*JACC Cardiovasc Interv. 2019 Jul 8;12(13):1290-1292. doi: 10.1016/j.jcin.2019.02.020.*

PMID: 31272674

Tang GHL, Zaid S, Gupta E, Ahmad H, Patel N, Khan M, **Khan A,** Kovacic JC, Lansman SL, Dangas GD, Sharma SK, Kini A.

[**Impact of Initial Evolut Transcatheter Aortic Valve Replacement Deployment Orientation on Final Valve Orientation and Coronary Reaccess.**](https://www.ncbi.nlm.nih.gov/pubmed/31272225)

*Circ Cardiovasc Interv. 2019 Jul;12(7):e008044. doi: 10.1161/CIRCINTERVENTIONS.119.008044. Epub 2019 Jul 5.*

PMID: 31272225

Okamoto N, Vengrenyuk Y, Bhatheja S, Chamaria S, **Khan A,** Gupta E, Kapur V, Barman N, Hasan C, Sweeny J, Baber U, Mehran R, Narula J, Sharma SK, Kini AS.

[**Stent Expansion and Endothelial Shear Stress in Bifurcation Lesions.**](https://www.ncbi.nlm.nih.gov/pubmed/31195824)

Circ Cardiovasc Interv. 2019 Jun;12(6):e007911. doi: 10.1161/CIRCINTERVENTIONS.119.007911. Epub 2019 Jun 14.

PMID: 31195824

Gilbert H.L. Tang, Syed Zaid, Eisha Gupta, Hasan Ahmad, **Asaad Khan**, Jason C. Kovacic, Steven L. Lansman, George D. Dangas, Samin K.Sharma, Annapoorna Kini.

**Feasibility of Repeat Transcatheter Aortic Valve Replacement (TAVR) after Sapien 3 TAVR (TAV-in-TAV): A Novel Classification Scheme and Pilot Angiographic Study**

*JACC: Cardiovascular Interventions Mar 2019, 4320; DOI:10.1016/j.jcin.2019.02.020*

**Khan, A,** Dangas, G**.**

**Positioning of self‐expanding transcatheter valve prostheses.** *Catheter Cardiovasc Interv, (2019),93: 530-531. doi:10.1002/ccd.28134*

**Khan A,** Dangas G**.**

**Transcatheter valve‐in‐valve for failing bioprosthetic aortic valve: Usually a good idea.** *Catheter Cardiovasc Interv. 2018;92:1412–1413. https://doi.org/10.1002/ccd.28003*

**Asaad A. Khan,** Jason C. Kovacic, Krysthel Engstrom, Allan Stewart, Anelechi Anyanwu, Sandeep Basnet, Melissa Aquino, Usman Baber, Luis Garcia, Umesh Gidwani, George Dangas, Annapoorna Kini & Samin Sharma **(2018)**

**Comparison of Transaortic and Subclavian Approaches for Transcatheter Aortic Valve Replacement in Patients with No Transfemoral Access Options,** *Structural Heart, 2:5, 463-468, DOI: 10.1080/24748706.2018.1497237*

Tang GHL, Ong LY, Kaple R, Ramlawi B, Dutta T, Zaid S, Ahmad H, Kalimi R, Undemir C, **Khan A**, Yudi MB, Nadir MA, Majeed F, Ali O, Skiles J, Bhim C, Cohen M, Lansman SL, Sharma SK, Kini A

[Continuous invasive hemodynamic monitoring using steerable guide catheter to optimize mitraclip transcatheter mitral valve repair: A multicenter, proof-of-concept study.](https://www.ncbi.nlm.nih.gov/pubmed/30168203) *J Interv Cardiol. 2018 Aug 30. doi: 10.1111/joic.12557*

**AA Khan,** GD Dangas

**Overlapping bio‐absorbable scaffolds: Aim for D2D technique?**

*Catheter Cardiovasc Interv. 2018 Jun;91(7):1210-1211. doi: 10.1002/ccd.27662.*

DeFaria Yeh D, Stefanescu Schmidt AC, Eisman AS, Serfas JD, Naqvi M, Youniss MA, Ryfa AD, **Khan AA,** Safi L, Tabtabai SR, Bhatt AB, Lewis GD.

**Impaired right ventricular reserve predicts adverse cardiac outcomes in adults with congenital right heart disease**.

*Heart. 2018 Jul 20. pii: heartjnl-2017-312572. doi: 10.1136/heartjnl-2017-312572.*

**Khan, A. A**, Dangas, G. D. (2018**),**

**The quest for a “diabetic” stent**. *Catheter Cardiovasc Interv*, 91: 892-893.

**Asaad A. Khan,** George D Dangas

**Coronary chronic total occlusions: How to dilate the tough ones**

*Catheterization and Cardiovascular Interventions 2018 March 1, 91 (4): 667-668*

Krysthel Engstrom, **Asaad A. Khan**, Gina LaRocca, Annapoorna S. Kini, Samin K. Sharma

**A Giant Coronary Artery Aneurysm Treated With a New-Generation Drug-Eluting Stent**

*JACC: Cardiovascular Interventions* Mar 2017, 3014; DOI: 10.1016/j.jcin.2016.12.278

**Asaad A. Khan**, Lucy Safi, and Malissa Wood (*2016*) **Cardiac Imaging In Athletes.** *Methodist*

*DeBakey .Cardiovascular Journal: April 2016, Vol. 12, No. 2, pp. 86-92*

**Asaad A. Khan**, Eugene P McFadden

"**Emergent Unilateral Renal Artery Stenting for Treatment of Flash Pulmonary Edema: Fact or Fiction?"** *Case Reports in Cardiology*, vol. 2015, Article ID 659306, 2015. PMID: 25793128

**Asaad A. Khan**, Michael H Picard

**Challenges in echocardiographic assessment of aortic stenosis***.* [Future Cardiol.](http://www.ncbi.nlm.nih.gov/pubmed/?term=asaad+a+khan)2014 Jul;10(4):541-52.

**AA Khan**, IUR Khan, et al

**Comparison between primary repair and exteriorization in cases of Typhoid perforation**

*Annals of King Edward Medical College 2005; 11(3):226-7**WHO INDEXED (IMEMR JOURNAL NO:53)*

U Najib, A Jamil, **AA Khan**, et al

**The prevalence of renal complications in Type-2 Diabetes Mellitus**

*Pakistan Postgraduate Medical Journal 2005; 16(1):13-16*

H Nasir, U Najib, IA Shah, **AA Khan**, et al

**Effect of long-standing time on bone mineral density in middle-aged males**

*Pakistan Postgraduate Medical Journal 2005; 16(1):10-12*

IUR Khan, MA Shafique, **AA Khan**

**Case report of Melanoma of the anal canal**

*Annals of King Edward Medical College 2005; 11(2): 189-90 WHO INDEXED (IMEMR JOURNAL NO:53)*

I A. Shah, Umer Najib, Samad Rasul AND **Asaad A. Khan**

**Prime reasons for premature discontinuation of antituberculous therapy: at Mayo hospital, Lahore, Pakistan.** *Biomedica Vol.25, Jul. – Dec. 2009/Bio-20.Doc P. 133 – 135 .*

**Book chapters:**

**Asaad A. Khan**. *Cardiac Imaging In Clinical Practice.1st ed.* Switzerland: Springer International Publishing; ©2016. Chapter 15, ***Echocardiographic assessment of Aortic disease;*** p. 173-80.

**Asaad A. Khan, Michael H. Picard.** *Emergency Echocardiography. 2nd ed. USA: CRC Press Taylor* & Francis Group; ©2017

**Abstracts:**

SYNERGISTIC IMPACT OF CORONARY CALCIFICATION AND BIFURCATION TARGET LESIONS ON ADVERSE CARDIOVASCULAR EVENTS FOLLOWING PCI: INSIGHTS FROM A LARGE SINGLE-CENTER PCI REGISTRY

Jonathan Murphy, Usman Baber, Melissa Aquino, Nitin Barman, JosephSweeny, Roxana Mehran,

**Asaad Khan,** Choudhury Hasan, Vishal Kapur, George Dangas, Nileshkumar Patel, Samin Sharma, Annapoorna Kini

Journal of the American College of Cardiology Mar 2019, 73 (9 Supplement 1) 1187; DOI: 10.1016/S0735-1097(19)31794-2

GilbertLung Tang, Syed Zaid, Hasan Ahmad, Ryan Kaple, Jason Kovacic, Cenap Undemir, **Asaad Khan**, Martin Cohen, Steven Lansman, Samin K.Sharma, Annapoorna Subhash Kini

DOES VALVE CHOICE MATTER? A THEORETICAL MODEL COMPARING PROSTHESIS-PATIENT MISMATCH AMONG TRANSCATHETER VALVES IN TRANSCATHETER AORTIC VALVE REPLACEMENT

*Journal of the American College of Cardiology Mar 2018, 71 (11* Supplement) A1133; DOI: 10.1016/S0735-1097(18)31674-7

Matias Yudi, Gilbert Hin-Lung Tang, **Asaad Khan**, Farhan Majeed, Samin K.Sharma, Annapoorna Subhash Kini

CORONARY ANGIOGRAPHY AND PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH TRANSCATHETER AORTIC VALVE PROSTHESIS: A SYSTEMATIC REVIEW AND PRACTICAL ALGORITHM

*Journal of the American College of Cardiology Mar 2018, 71 (11* Supplement) A1973; DOI: 10.1016/S0735-1097(18)32514-2

GilberLung Tang, Lawrence Ong, Ryan Kaple, Basel Ramlawi, TanyaDutta, Syed Zaid, Hasan Ahmad, Robert Kalimi, Cenap Undemir, **Asaad Khan**, Matias Yudi, Adnan Nadir, Farhan Majeed, Omar A. Ali, Jeffrey Skiles, Joanne Bennett, Chandra Bhim, Martin Cohen, Steven Lansman, Samin K.Sharma, Annapoorna Subhash Kini

CONTINUOUS LEFT ATRIAL PRESSURE AND INVASIVE HEMODYNAMIC MONITORING VIA STEERABLE GUIDE CATHETER TO OPTIMIZE TRANSCATHETER MITRAL VALVE REPAIR WITH MITRACLIP NT SYSTEM

*Journal of the American College of Cardiology Mar 2018, 71 (11* Supplement) A1252; DOI: 10.1016/S0735-1097(18)31793-5

**Khan AA**, Sengupta P, Kovacic J, et al. Elective alcohol septal ablation pre transcatheter aortic valve replacement to optimize outcomes in patients with asymmetric septal hypertrophy. *J Am Coll Cardiol.*2016;67(13\_S):1226. Doi:10.1016/S0735-1097(16)31227-X.

Teo E, Hung J, Teoh J, **AA Khan** et al. Differential effects of dobutamine and exercise on left ventricular volumes during stress echocardiography. J Am Coll Cardiol. 2016;67(13\_S):1784. doi:10.1016/S0735-1097(16)31785-5.

**Asaad A Khan,** Ami B Bhatt, Romain Capoulade, Doreen Defaria YehCorrelation of Right Heart Echocardiographic Quantitation With CPET Parameters to Predict Clinical Outcomes in Patients With Congenital Right Heart Disease *Circulation. 2015; 132: A16817*

**Khan AA**, Kearney P. A complicated case of aortic and tricuspid valve endocarditis in a pregnant woman; requiring emergency Caesarean section and valve replacement . *J Am Coll Cardiol.* 2014;63(12\_S):. doi:10.1016/S0735-1097(14)60624-0.

[A Khan](https://www.researchgate.net/researcher/2051104467_A_Khan), [C Low](https://www.researchgate.net/researcher/2051104391_C_Low), [J Almarzouqi](https://www.researchgate.net/researcher/2051144340_J_Almarzouqi), [D Foley](https://www.researchgate.net/researcher/2051139311_D_Foley). Fractional flow reserve guided percutaneous coronary intervention; does long term data support its efficacy (a real world single centre experience in consecutive patients) .*Cardiovascular research* 07/2014; 103(S1):S85. DOI: 10.1093/cvr/cvu091.141 .

**Khan A**, McFadden E, A successful case of emergent unilateral renal artery stenting to treat flash pulmonary edema” *eurointervention/Abstracts 2013\_online\_issue/21.*

**A Khan**, G Kaur, Z Rehman, N Papaneja, C Quigley

Incidence of cardiomyopathy in heamochromatosis; are we cautious enough? *European Journal of Heart Failure* *Abstracts Supplement* ( 2014 ) 16 ( Supplement 2 ), 323

**A Khan**, E Faller, R Murphy, C Daly. Retrospective audit of all transoesophageal echos (TOEs) performed over the last 1 year to assess appropriateness of their indications and to correlate their results with clinical information provided .*European Journal of Cardiovasc Nur* ( 2014 ) 13 ( Supplement 1 ), S60

**Khan A**, Pat Nash

“Brugada syndrome unmasked by a Pheochromocytoma”

Case report publication in *European heart journal 2012 (33) abstract supplement ,1120-1121*

**A Khan**, RB Boner, A Mcgowan, M O'sullivan, E Joyce, S Browne, B Mcneil, D Reddan, J Crowley, P Nash

Incidence of contrast induced nephropathy after angiogram compared to different radiological investigations *European Journal of Preventive Cardiology* ( May 2012 ) 19 ( Supplement 1 ), S47

**A Khan,** AM Mcgowan, RB Boner, E Joyce, P Nash, J Crowley, B Mcneil, K Daly

Significance of post coronary revascularization positive exercise stress test: do we need to be alarmed? *European Journal of* *Preventive Cardiology* (May 2012 ) 19 ( Supplement 1 ), S129

**Khan A**, Boner R, Qureshi AQ, Arnous SA, Joyce EJ, Nash P, Daly K, Crowley JC .

Diastolic heart failure: are we doing enough to prevent it?   
*European Journal of Heart Failure Supplements 2009; Vol. 8(2) Abstract 1197.*

**Khan A**, A Fitzpatrick, A O’Brien et al.

Overnight pulse oximetry compared with polysomnography as means of insituting therapeutic measures in pts with suspected sleep apnea syndrome*.(Abstract) Irish Journal of Medical Science (2007) 176 (Suppl 10):S395.*Also published in *American Association of Resp Care Open forum abstracts section 2008.*

**Khan A**, Kaur G, Khan Z, Papaneja N, Quigley C

Incidence of Cardiomyopathy in Heamochromatosis; are we Cautious Enough?

*Irish Journal of Medical Science (2012) 181 (Suppl 8): S331.*

**Khan A,** Boner R, Browne S et al.

Incidence of Contrast Induced Nephropathy after angiogram compared to different radiological investigations

*Irish Journal of Medical Science (2009) 178 (Suppl 9): S14*

E. Joyce, S. Hynes, **A. Khan** et al.

In hospital and 30-day outcomes following PCI in Octogenarians - a real world cohort from a single referral centre” *European Heart Journal (2010) 31 ( Abstract Supplement ), 364.*

**Khan A**, Kasim S, O’Sullivan M, K Daly,

J Crowley, P Nash.

Impact of a heart failure management program on hospital readmission and functional status of patients with advanced heart failure*..* *European Heart Journal ( 2009 )30( Abstract Supplement ), 136.*  *Irish Journal of Medical Science (2008) 177 (Suppl 12):S 397.*

E. Joyce, D. Devenney, P. Nolan, F. Gargoum, **A. Khan**, S. Arnous, B. McNeill, K. Daly, Prevalence of group 1 ECG abnormalities in a random population of young people who participate in sport, *European Heart Journal ( 2010 ) 31 ( Abstract Supplement ), 318*

M Al Qaseer,C Lewis, A **Khan** , B Mcadam .The Incremental value of ambulatory BP monitoring in titration of therapies in a chronic heart failure population with concomitant renal dysfunction . *European Journal of Heart Failure Supplements 2010.*

Sarah A. Browne, Emma Kearney, Alberto A. Iglesias, Arif Mutwali, **Asaad**

**Khan**, John Newell, Donal N. Reddan.

Predictors of Contrast Nephropathy: Are We Paying Enough Attention? *SA-PO2136*

*J American Soc Nephrol 20: 2009*

Emer J, Samir A, **Khan A** ,Daly K.

In hospital and 30-day outcomes following PCI in Octogenarians - a real world cohort from a single referral centre”*Irish Journal of Medical Science (2009) 178 (Suppl 9): S14*

Browne S, Kearney E, **Khan A**, et al

Contrast Nephropathy: Are we paying enough attention? *Journal of American Society of Nephrology PUB 745 19: 2008*

A Fitzpatrick, **Khan A**, A O’Brien et al

Accuracy of Auto-titrating CPAP in predicting an effective pressure for the treatment of Obstructive Sleep Apnea with a Fixed Pressure CPAP*.(Abstract) Irish Journal of Medical Science (2007) 176 (Suppl 10):S404.*

**AA Khan**, SS Bhatti, et al

Surgical outcome in different operative procedures available for obstructive jaundice, secondary to a malignant cause.*Annals of King Edward Medical College* (accepted for publication)

**Audits**

I have been actively involved in audit activities since the start of my medical education.

1:**Khan A**, Faller E, Murphy R, Daly C.

Audit of current Transoesophagel echocardiography practice in a tertiary care hospital”

2: **Khan A**, Kaur G, Khan Z, Papaneja N, Quigley C

Incidence of Cardiomyopathy in Heamochromatosis;are we Cautious Enough?

3: **Khan A**, Arnous S, Joyce E,Nash P ,Daly K ,J Crowley

A prospective look at the management of patients with symptomatic Diastolic dysfunction in a

tertiary care hospital (Presented at EURO Heart Failure 2009)

4: **Khan A**, Daly K, Crowley J, Nash P.

Contrast Nephropathy in patients undergoing routine day case angiograms : audit of our

current practise in angio lab.(Submitted for ESC 2009).

5: Browne S, Kearney E, **Khan A**, Reddan D

Contrast Nephropathy: Are we paying enough attention? (Presented at British nephrology society

meeting 2008)

6: Iqbal M , Counihan T, **Khan A**, et al

Identifying the mechanisms of Stroke and its implications (Presented at Irish Neurology Association

AGM 2008)

7**. Khan A,** SS Bhatti, et al

Surgical outcome in different operative procedures available for obstructive jaundice, secondary to a malignant cause.(accepted for publication)

8**. Khan A**, U Najib, H Nasir, S Rasul, et al

The prime reasons of discontinuation of anti-tuberculous therapy: a cross-sectional study carried

out in the catchment area of Mayo Hospital, Lahore.

9. **Khan A**, IUR Khan, et al

Comparison between primary repair and exteriorization in cases of Typhoid perforation.

**Research:**

**Completed research projects (awaiting publication) :**

* Comparison Of Transaortic And Subclavian Approaches For Transcatheter Aortic Valve Replacement In Patients With No Transfemoral Access Options

Asaad A.Khan MD\*, Jason C. Kovacic MD, PhD\*, Samin K. Sharma et al.

**Elite society memberships:**

**1: Member Royal College of Physicians of Ireland**

**2: Member Royal College of Physicians of UK (London)**

**3: Member of American College of Cardiology**

**4: Member European Society of Cardiology**

**5: Member European Association of Percutaneous Cardiovascular Intervention**

#### Courses:

**Certificate in Applied Biostatistics, Harvard Medical School, Boston ,USA**

**Sept 2014-May 2015.**

**Accountability leadership for the healthcare team, Harvard Medical School, Bedford Massachusetts, USA 18-24th October 2014.**

**Cardiovascular Genetics in Clinical Practice, Harvard Medical School, USA**

**October 18 - 20, 2013.**

**6th European interventional Fellows Course , London ,UK, Dec 2011.**

**Hammersmith Echocardiography course, London , UK, June 2012**

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**Introduction to Practical Statistics, Clinical Audit & Critical Appraisal Programme (including SPSS): RCPI ,St James Hospital Dublin ,Ireland, October 2008.**

**Transthoracic Echo course: British Society of Echo, Harrogate UK, September 2008.**

**Advanced Echo course: ICE, May 2008.**

**ACLS : Feb, 2017**

**BLS : Jan, 2015**

**Extra-curricular achievements and honours**

2002 – 2003 College Sports Secretary,

2002 College Cricket and lawn tennis team captain,

2003 Best all-round sportsman

2001 – 2003 College Honors in cricket, swimming, tennis and rifle shooting (represented College in

Semi National level competitions for 2 or more years)

2003 Vice captain College swimming team in inter-collegiate competition (silver medal)

2003 Awarded second-team position in the all-Pakistan inter-university rifle shooting

competition

1. Bronze medal in inter-collegiate rifle shooting competition,

2002 Silver medal in 4x200m relay race .

Member of cricket, swimming, tennis, and football teams throughout secondary and tertiary education.

Awarded school prizes for Arts and English (debating).

**Teaching Skills**

I have been actively involved in teaching undergraduate students as well as guiding junior doctors regarding MRCP examinations. I have also been regularly teaching at the MRCPI CLINICAL EXAM COURSE organized by Royal College of Surgeons of Ireland in Beaumont Hospital as a course instructor.

**Additional skills**

Fluent in English,Urdu and Punjabi (written and spoken); Basic Arabic. Computer literate, hands-on experience of Microsoft Office products, including Word and PowerPoint, fully versed on the internet and email

**Referees**

**Dr Samin K Sharma MD**

**Director, Clinical & Interventional Cardiology**

**President, Mount Sinai Heart Network**

**Dean, International Clinical Affiliations**

**Zena & Michael A. Wiener Professor of Medicine**

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**Director Cardiac Cath lab**

**Director Interventional Fellowship Program**

**Mount Sinai Medical Center**

**New York**

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**Dr Michael H Picard MD**

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**Consultant Interventional Cardiologist**

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