



Address:
Egyptian-Saudi Co. Buildings, No.5
4th Floor, Apartment 2.
Nile Corniche St.
PO 71111, Assiut
EGYPT

Phone: (H) +20882312530
(M) +201223971288
+201099975128
Fax: +20882312530
E-mail: tarek.a.n.ahmed@med.au.edu.eg
tarkaf76@yahoo.com
Date of birth: 29-08-1976

Tarek A. N. Ahmed, MSc, MD, PhD (Netherlands), FESC

Summary of qualifications:

- September 2001
 - **MBBCH, Faculty of Medicine, Assiut University, Assiut, Egypt.**
Signed up Excellent (Cum Laude). Prize for best undergraduate achievement in internal medicine.
- 27/11/2005
 - **M.Sc. in Cardiology, Assiut University Hospital, Assiut, Egypt.**
Thesis entitled: "Added value of tissue Doppler imaging during low-dose dobutamine echocardiography in the assessment of myocardial viability."
- 15/12/2011
 - **PhD in Cardiology, Leiden University Medical Center (LUMC), Leiden, the Netherlands.**
Thesis entitled: "Innovative therapies for optimizing outcomes of coronary artery disease."
- 1/07/2009- 01/01/2012
 - **Fellowship of Interventional Cardiology, Leiden University Medical Center (LUMC), Leiden, the Netherlands.**
- 2013
 - **Fellowship of the European society of Cardiology (FESC).**
- 27/06/2012
 - **PhD in Cardiology, Assiut University Hospital, Assiut, Egypt.**
Thesis entitled: "Aspiration thrombectomy during primary PCI as adjunctive therapy to early (in-ambulance) abciximab administration in patients with acute ST elevation myocardial infarction."
- 07/2013
 - **MD in Cardiology, Assiut University Hospital, Assiut, Egypt.**

Education:

- 1983-1984
 - **Primary school education, William's Elementary School, Gainesville, Florida, USA.**
- 1985-1994
 - **Primary and high school education in Salam Language School, Assiut, Egypt.**
- 1995-2001
 - **MBBCH, Faculty of Medicine, Assiut University, Assiut, Egypt.**
- 2006
 - **Test of English as a Foreign Language (TOEFL- iBT) with score of 105.**
- 2006
 - **International Computer Driving License (ICDL).**

Professional record:

- **Internship**- Assiut University Hospital from 01/03/2001 to 28/02/2002.
- **Cardiology Resident**- Assiut University hospital from 01/03/2002 to 29/02/2005.
- **Demonstrator**- Assiut University Hospital from 01/03/2005 to 30/11/2005.
- **Assistant lecturer**- Assiut University Hospital from 12/2005 to 07/2013.
- **Specialist Cardiologist** as assigned by the Egyptian ministry of health and Egyptian medical syndicate from 20/10/2008 (registration no. 2275).
- **Clinical Fellow of interventional Cardiology- Leiden University Medical Center** from 01/07/2009 till 01/01/2012.
- **Clinical Lecturer of Cardiology and interventional Cardiologist**- Assiut University hospital from 09/2013 till the present time.
- **Consultant Cardiovascular medicine** as assigned by the Egyptian ministry of health and Egyptian medical syndicate from 04/12 /2013 (registration no. 788)

Languages:

- **Arabic** (mother language)
- **English** (Fluent- Proficiency)
- **Dutch** (elementary proficiency)

Clinical and Investigatory skills:

1. Primary and advanced skills concerning diagnosis and management of cardiovascular emergencies and advanced cardiopulmonary resuscitation.
2. Experience in managing cases of ischemic, valvular and congenital heart diseases, rhythm disturbances and hypertension in outpatient clinic of Cardiology department in Assiut University Hospital.
3. Regular duties in the emergency department and coronary care unit (20 bed- CCU) at Assiut University Hospital, Assiut, Egypt.
4. Experience in conducting TMT, Holter monitoring and interpretation, and other non-invasive diagnostic tests.
5. Experience in conducting echocardiographic examinations (transthoracic and transoesophageal).
6. Experience in conducting stress echocardiographic examinations for ischemia and viability.
7. Experience in temporary and permanent transvenous pacing.

Interventional experience:

1. **Diagnostic coronary angiograms (including IVUS and FFR):** over **3000** cases (first operator).
2. **Right heart catheterizations, Swan-Ganz catheter insertion and Invasive Cardiac output measurement:** over **100** cases (first operator).
3. **Percutaneous coronary interventions:** over **2500** cases (first operator), including complex PCIs as Left main interventions, chronic total occlusions, Post-CABG interventions and bifurcation lesions.

4. **Primary percutaneous coronary interventions for Acute MI:** over **350** cases (first operator).
5. **Radial percutaneous coronary procedures:** over **750** cases (first operator)
6. **Percutaneous pericardial punctures (Pericardiocentesis):** over **300** cases (first operator)
7. **Rotablation, intra-aortic balloon pump insertion, aortic valve dilatation, ASD/PFO closure, septal ablation for HOCM, percutaneous heart biopsies:** about **80** cases (first and second operator).
8. **Endoventricular electromechanical mapping and Intra-myocardial stem cell injection using the NOGA XP Cardiac Navigation System:** over **40** cases (second operator).
9. **Mitral and pulmonary valvuloplasty:** over **150** cases (first and second operator).
10. **Transcatheter aortic valve implantation (TAVI); transfemoral and transapical:** about **20** cases (15 cases as second operator and 5 cases as first operator).

Professional membership and fellowship:

- Membership of the Egyptian society of Cardiology (EgySC).
- Membership of the European society of Cardiology (ESC).
- Membership of the European Association of Percutaneous Coronary Interventions (EAPCI).
- **Fellowship of the European society of Cardiology (FESC).**
- **Clinical fellowship of interventional cardiology at Leiden University Medical Center, Leiden, the Netherlands.**

Scientific Publications:

- **Tarek A.N. Ahmed, MD; Amr A. Yousef, MD, PhD; Hossam I. Kandil, MD, PhD; Samir S. Abdel-Kader, MD, PhD.** Added value of tissue Doppler imaging during low dose dobutamine echocardiography in the assessment of myocardial viability. **Thesis for partial fulfillment of the Master degree in Cardiology in 2005.**
- **Tarek A. N. Ahmed, MD, PhD; Jael Z. Atary, MD; Ron Wolterbeek, MD; Hosam Hasan-Ali, MD, PhD; Samir S. Abdel-Kader, MD, PhD; Martin J. Schalij, MD, PhD; and J. Wouter Jukema, MD, PhD.** Aspiration thrombectomy during primary percutaneous coronary intervention as adjunctive therapy to early (in-ambulance) abciximab administration in patients with acute ST elevation myocardial infarction: An analysis from Leiden MISSION! Acute Myocardial Infarction Treatment Optimization Program. **J Interv Cardiol 2012 Feb; 25(1):1-9.**
- **Tarek A. N. Ahmed, MD, PhD; Bastiaan J. Sorgdrager, MD; Suzanne C. Cannegieter, MD, PhD; Arnoud van der Laarse, PhD; Martin J. Schalij, MD,** Pre-infarction angina predicts thrombus burden in patients admitted for ST-segment elevation myocardial infarction. **EuroIntervention 2012 Apr; 7(12):1396-405.**
- **Tarek A. N. Ahmed, MD, PhD; Sandrin C. Bergheanu, MD; Theo Stijnen, PhD; Josepha W.M. Plevier, MA; Paul H.A. Quax, MD, PhD; and J. Wouter Jukema, MD, PhD.** Clinical performance of drug eluting stents with biodegradable polymeric coating, a meta-analysis and systematic review. **EuroIntervention 2011 Aug;7(4):505-16.**
- **Tarek A. N. Ahmed, MD, PhD; Ioannis Karalis, MD; and J Wouter Jukema, MD, PhD.** Emerging drugs for coronary artery disease. From past achievements and current needs to clinical promises. **Expert Opin Emerg Drugs 2011 Jun; 16(2):203-233.**
- **J.Wouter Jukema, MD; PhD; Jeffrey J. W. Verschuren, MD; Tarek A. N. Ahmed, MD, PhD; Paul H. A. Quax, MD, PhD.** Restenosis after PCI- Part I: pathophysiology and risk factors. **Nature Rev Cardiol 2011 Sep 13; 9(1):53-62.**
- **J.Wouter Jukema, MD; PhD; Tarek A. N. Ahmed, MD, PhD; Jeffrey J. W. Verschuren, MD; Paul H. A. Quax, MD, PhD.** Restenosis after PCI- Part II: prevention and therapy. **Nature Rev Cardiol 2011 Oct 11; 9(2):79-90.**

- **Tarek A. N. Ahmed, MD, PhD; Ioannis Karalis, MD; J. Wouter Jukema, MD, PhD.** Late acquired stent malapposition: why, when and how to handle? *Heart* 2012; **98:1529-1536.**
- **Tarek A.N. Ahmed, MD, PhD; Helen Boden, MD; Matthijs A. Velders, MD; Bas L. van der Hoeven, MD, PhD; Georgette E. Hoogslag, MSc; Marianne Bootsma, MD, PhD; Saskia le Cessie, MD, PhD; Christa M. Cobbaert, MD, PhD; Arnoud van der Laarse, MD, PhD and Martin J. Schalij, MD, PhD.** Peak and fixed-time high-sensitive troponin for prediction of infarct size, impaired left ventricular function and adverse outcome in patients with first ST-elevation myocardial infarction receiving percutaneous coronary intervention. *Am J Cardiol* 2013 May 15; **111(10):1387-93.**
- **C.M. Cobbaert, M. Bootsma, H. Boden, Tarek A.N. Ahmed, G.E. Hoogslag, F.P. Romijn, B.E. Ballieux, R. Wolterbeek, W.T. Hermens, M.J. Schalij, and A. van der Laarse.** Confounding factors in the relation between high sensitivity cardiac troponin T levels in serum and infarct size of patients with first ST-elevation myocardial infarction. *Int J Cardiol* 2014 Mar 1; **172(1): e3-5.**
- **C.M. Cobbaert, M. Bootsma, H. Boden, Tarek A.N. Ahmed, G.E. Hoogslag, F.P.T.H.M. Romijn, B.E.P.B. Ballieux, R. Wolterbeek, W.T. Hermens, M.J. Schalij, and A. van der Laarse.** Are high sensitivity cardiac troponin T levels in serum of patients with first ST-segment elevation myocardial infarction accurate measures of infarct size? **Submitted for publication.**
- **Jeffrey J. W. Verschuren, MD; Tarek A. N. Ahmed, MD, PhD; Ioannis Karalis, MD; Paul H. A. Quax, MD; PHD; and J. Wouter Jukema; MD, PHD.** Late stent malapposition in the bare metal stent and drug eluting stent era. **Book Chapter In: Coronary Stent Restenosis** (eds. Tintoiu IC, Popma JJ, Bae J-H, Rivard A, Galassi AR, Gabrie C. – Bucharest: The Publishing House of the Romanian Academy, 2011, ISBN 978-973-27-2034-9. Chapter 16)
- **Tarek A.N. Ahmed, MD, PhD.** Innovative therapies for optimizing outcomes of coronary artery disease. PhD thesis- Leiden University Medical Center, Leiden, the Netherlands, ISBN 978-94-6169-183-5.
- **Tarek A.N. Ahmed, MD, PhD; Ayman K.M. Hassan, MD, PhD; Moustafa H.M. Othman, MD; Hosam Hasan-Ali, MD; Salwa R. Dimitry, MD; Yehia T. Kishk, MD.** Novel strategy in endovascular treatment of coronary steal using Histoacryl®. *The Egyptian Heart J* 2016, **68, 261-269.**
- **Tarek A.N. Ahmed, MD, PhD; Mohamed Aboel-Kassem F. Abdelmegid; Masashi Kato; Kenji Ando; Takenori Domei; Masashi Iwabuchi; Masakiyo Nobuyoshi.** Drug-eluting stents or Balloon angioplasty for Drug-eluting stent associated restenosis. An observational follow-up study of first-time versus repeated restenosis. *J Saudi Heart Assoc* 2016
- **Tarek A.N. Ahmed, MD, PhD; Salma Taha, MD.** Radiation exposure, the forgotten enemy: Toward implementation of national safety program. *The Egyptian Heart J* 2016

Scientific & Educational attendances and contributions:

- Poster presentation at the **American College of Cardiology conference, April, 2011- New Orleans- Louisiana- USA** “Aspiration thrombectomy during primary angioplasty as adjunctive therapy to early abciximab administration in patients with acute ST elevation myocardial infarction: an analysis from the Leiden MISSION! program”.
- Two oral presentations at the **Euro-PCR conference, May, 2011- Paris.**
 - “Clinical performance of drug eluting stents with BIODEGRADABLE polymeric coating, a meta-analysis and systematic review.”
 - “Aspiration thrombectomy during primary PCI as adjunctive therapy to early (in-ambulance) abciximab administration in patients with acute STEMI.”
- Poster presentation at the **European society of Cardiology conference, August, 2011-Paris.**

“Clinical outcomes of biodegradable-polymer drug eluting stents, a meta-analysis and systematic review of randomized and observational studies.”

- Poster presentation at the **American College of Cardiology conference, March, 2012- Chicago- Illinois- USA.**
“The value of troponin-T to predict infarct size in patients with a first ST elevation myocardial infarction treated with primary percutaneous coronary intervention in the era of high-sensitive troponin assays.”
- Poster presentation at the **Transcatheter Cardiovascular Therapeutics (TCT), October 2012- Miami- Florida- USA.**
“The Clinical Utility of High-Sensitive Troponin T to Predict Infarct Size, Left Ventricular Function and Adverse Outcome in Patients with First ST Elevation Myocardial Infarction Treated with Primary Percutaneous Coronary Intervention.”
- **Leiden Cardiology Course 2010, 2011.**
- Course on **“Basic methods and reasoning in biostatistics”**, LUMC- December 14-18, 2009
- Advanced course in biostatistics **“Regression analysis: statistical model building”**, LUMC May 17-21, 2010.
- **“Percutaneous transcatheter aortic valve implantation (TAVI) training program”** held by Edwards Lifesciences at Nyon, Switzerland, on June 15-16, 2011.
- **“Percutaneous Mitral Valve Repair (MITRA CLIP): Multidisciplinary Team Training”**, training program in percutaneous treatment of mitral regurgitation, held by Abbott Vascular at Crossroads Institute, Diegem, Belgium, on June 9-10, 2011.
- **Advanced course of Coronary intravascular ultrasound (IVUS)**, Erasmus University Medical Center, Rotterdam, the Netherlands.
- Successfully passed Training program: **“Principles and Practice of Clinical Research- Collaborative and distance learning program in clinical research”** from February- November 2014, organized and held by the department of continuing education- **Harvard Medical School- Boston- Massachusetts- USA.** Subsequently, nominated as a teaching assistant in the training program for the year 2015.
- Co-investigator in the **EURObservational Research Program (EORP) - Acute coronary syndrome (ACS) STEMI registry** in collaboration with ACCA and EAPCI.
- Co-editor among the editorial board of International **“Austin Cardiology”** Journal.

References:

1- Prof. J. Wouter Jukema, MD, PhD, FACC, FESC

Professor of Cardiology, Leiden University Medical Center, Leiden, the Netherlands.
Chairman "Leiden Vascular Medicine"
Dept. of Cardiology C5-P
Leiden University Medical Center
PO Box 9600
2300 RC Leiden, the Netherlands
Tel +31 71 5266695
Fax +31 71 5266885
E-mail: j.w.jukema@lumc.nl

2- Prof. Martin J. Schalij, MD, PhD, FESC

Professor and Chairman of Cardiology department, Leiden University Medical Center, Leiden, the Netherlands.
Chairman of Dutch Society of Cardiology.
Dept. of Cardiology C5-P
Leiden University Medical Center
PO Box 9600
2300 RC Leiden, the Netherlands

Tel +31 71 5266696
Fax +31 71 5266885
E-mail: m.j.schalij@lumc.nl

- 3- Prof. Arnoud van der Laarse, PhD**
Professor Molecular and Cellular Cardiology
Former Director of the Laboratory of Cardiology
Department of Cardiology
Leiden University Medical Center
PO Box 9600
2300RC Leiden
The Netherlands
E-mail: a.van_der_laarse@lumc.nl