

# Asst. Prof. Mustafa Gogun Saygin, MD.

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## OBJECTIVE

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As a vascular and cardiothoracic surgeon involved in continuous and active independent clinical practice since 2003, I have given practical emphasis on both clinical vascular surgery procedures on a daily basis, and research and development on stem cell therapy and angiogenesis.

My current practice covers approximately 4 major vascular surgery cases a day, in addition to EVAR, TEVAR cases and, iliac, renal and carotid stenting and distal tibial interventions.

## EDUCATION

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**Izmir Ataturk Secondary School (1986-1989)**

**Marmara University School of Medicine, Istanbul (1989-1997)**

- Was selected to get into the university—one of the top medical schools nationally—with a statistically distinguishable national exam score (see examinations section.)
- Has successfully completed an internationally recognized medical education, entirely in advanced English.

**University of Michigan School of Medicine, Ann Arbor, USA (May 1995)**

- Has completed clinical clerkship on thoracic surgery with the tutorship of Dr. G. Michael Deeb and Dr. Steven Bolling.

**Ph.D Training on Molecular Biology at Marmara University (1997)**

**General Surgery Residency at Haydarpasa Numune Hospital (1997-1998)**

- Was placed in this top residency program with a distinguishable score in National Residency Selections Exam (see examinations section.)

**Cardiovascular Surgery Residency at Trakya University School of Medicine (1998-2003)**

- Was placed in this top residency program with a distinguishable score in National Residency Selections Exam (see examinations section.)

**Texas Heart Institute Cardiovascular Surgery Clinical Fellow (2001-2002)**

- Has performed approximately 650 cardiovascular and thoracic surgeries along with the supervision of Dr. Denton Cooley, Dr. Michael Duncan, and Dr. David Ott.
- One fourth of the time spent there, has assisted in congenital heart surgeries at Texas Childrens Hospital.

## **EXAMINATIONS**

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### **National Medical School and University Selection Exam (Equivalent of MCAT) (1989)**

- Successfully scored in top 1% amongst nearly 700000 university candidates.

### **National Residency Selection Exam “TUS” First Attempt (April 1996)**

- Passed the exam in the first attempt, by scoring in the top 1% of a success grade amongst 17000 MD Residency Candidates.

### **National Residency Selection Exam “TUS” Second Sitting (April 1998)**

- Had top 1% success grade amongst 18700 MD Residency Candidates.

### **United States Medical Licensing Exams (2000)**

- Passed all at first attempt, and gained ECFMG Certificate. Certificate is active with No: 0 - 499 - 446 – 3, valid indefinitely.
- Received USA Medical Doctor Board Eligibility Diploma.

### **TOEFL Exam, Computer Based (2005)**

- Had a top %1 score. Score 612 (according to former grading caliber) and 256 (as the new converted score.)

### **IELTS General Exam (2014)**

- Scored 7.0 out of 9.0.

## **CLINICAL AND SURGICAL EXPERIENCE**

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**Texas Heart Institute & Childrens Hospital Rotations in Thoracic Surgery (2001-2002)**

**Staff Cardiovascular Surgeon, Bursa State Hospital (2003-2006)**

**Staff Cardiovascular Surgeon, Cekirge Heart Hospital (2006-2013)**

**Staff Cardiovascular Surgeon, Sisli Etfal Resarch & Training Hospital (2013-2016)**

**Staff Cardiovascular Surgeon, European Safak Hospital (2016-Present)**

## **BOARD CERTIFICATES & ELIGIBILITIES**

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**European Board of CardioThoracic Surgery**

**European Board of Vascular Surgery**

**Texas State Medical Board**

## RESEARCH

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- “Cellular Therapy for Immunetolerance in Heterotopic Heart Transplantation in Rats” with TUBITAK – BAYG (Turkish Scientific Research Foundation) research support grant.
- “Effect of Transmyocardial Laser Revascularisation on Low Ejection Fraction Cardiac Failure Patients” written as Cardiovascular Surgery Specialisation Thesis
- Microvascular Surgery Specialist Certificate (Istanbul Capa University.) Performed hundreds of heterotopic heart transplants in rats and guinea pigs for the first time in Turkey.

## CLINICAL INTERESTS

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**Vascular and Endovascular Surgery**

**Vascular Surgery Intensive Care**

**Dialysis Access Surgery**

## OPERATIVE LOG

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Residency Log : During the course of a 5 years of residency period, attended 550 cardiac surgeries and 1300 vascular surgery cases of which nearly 10% were cases performed as primary surgeon –in the 5th year of the residency program.

During Clinical Fellowship year at the Cardiovascular Surgery Department of Texas Heart Institute, had the opportunity of attending and scrub for nearly 550 open heart cases as a clinical cardiovascular surgery fellow from 2001 to 2002.

Beginning in 2003, approximately 1500 open heart surgery cases were performed independently, as a single surgeon. Cases included OpCABs, double valves, ascending aortic replacements, Bentall and Redo cases with overall operative mortality of %2 (In Euroscore 4 - 6 Group.)

Nearly 3500 major vascular surgery cases were performed as a single surgeon –by only Mustafa Saygin— independently, case load including Abdominal Aortic surgeries, Carotid and Femoral Artery surgeries, high volume of AV Fistula Cases, Endovenous Laser and Endovenous RF, and Endovenouse Glue Ablation cases.

Endovascular experience covers 850 cases of iliac, renal and peripheral vascular stenting as primary surgeon. EVAR has been performed on 155 cases independently as a single surgeon with Anaconda and Endologics systems –TEVAR application in 15 cases. Interventional peripheric arterial atherectomy and Deep venous thrombosis therapy with mechanical thrombolysis by EKOS and Trellis systems were also performed in high number of patients.

**Registered digital Archive of Operative Log Book is available upon your request.**

## **SCIENTIFIC PAPERS**

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- 2 international and 5 national scientific papers were published.
- 9 international and 5 national congresses were attended.
- 3 international congresses attended routinely since 2007.

## **PERSONAL INFORMATION AND INTERESTS**

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- 44 years old, Male, Caucasian, Single
- Advanced English
- Interests include sailing, tennis, fishing, permaculture and organic farming.

## **REFERENCES**

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Prof. Dr. George Reul, MD. Texas Heart Institute. Houston, USA.

Prof. Dr. David Ott, MD. Texas Heart Institute. Houston, USA.

Prof. M. Halit Andac, MD. Chief, Cardiovascular Surgery, Cekirge Heart Hospital.

Prof. David Saba, MD. Head, Cardiovascular Surgery, Uludag University, Bursa.

Prof. Hayati Özkan, MD. Chief, Acibadem Hospital, Bursa, Turkey.

Assoc. Prof. Ali Kocailik, MD. Cardiovascular Surgeon, Istanbul, Turkey.