



# SERRA KARACA

## ASST. PROF.

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### Biography

I was born on October 1, 1980 in Istanbul. I completed my primary and secondary education in Sinop Anatolian High School. I started my medical education at Istanbul University Istanbul Faculty of Medicine in 1998 and graduated in 2004 by entering the top ten with honors. I received my pediatrics education between 2005 and 2010 in Bakırköy Obstetrics and Pediatrics Hospital, which is the largest hospital in Istanbul in the area with an average of 45,000 births per year. I did my compulsory service between October 2010 and April 2012 at Kastamonu Taşköprü State Hospital as a pediatrician. After completing my compulsory service, I worked at Acibadem International Hospital as a pediatrician in charge of Neonatal Intensive Care for 1 year. In order to become a pediatric cardiologist, which has been my dream since I was a student, I became the 24th in Turkey in 2013 in the subspecialization entrance exam and I started my education in Istanbul University Istanbul Medical Faculty, where I also received my medical education. In the last year of my subspecialization education, As a pediatric cardiologist, my first assignment was in Samsun, the largest city in the Black Sea region. In the state hospital where I worked for 4 years, I examined an average of 50-60 patients a day and evaluated a large number of babies with congenital heart disease who were referred from the surrounding provinces. This process gave me serious clinical experience. After working as a specialist for 4 years, I was invited by my professors to Istanbul Medical Faculty as an academician in August 2021. I am still working as a pediatric cardiologist and academician at Istanbul Medical Faculty. I work especially in the field of advanced imaging methods, fetal echocardiography and heart transplantation. Among my duties are clinical research, student education, assistant training, and fellow training. Diagnostic and therapeutic angiography, cardiovascular surgery intensive care consultations, pediatrics and newborn consultations and councils are included in my routine work program every week, apart from the very intensive outpatient service with an average of 15000 patients per year.

### Learning Knowledge

Post Doctorate of Medicine  
2014 - 2017

Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , Turkey

Undergraduate  
1998 - 2004

Istanbul University, Istanbul Medical Faculty, Turkey

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

## Awards

1. Karaca S., ULUSAL PEDİATRİK KARDİYOLOJİ KONGRESİ, ÖDÜLLÜ BİLGİ YARIŞMASI 1.LİĞİ, Türk Pediatrik Kardiyoloji Derneği, April 2017

## Jury Memberships

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, March, 2024  
Expertise In Medicine, Expertise In Medicine, İstanbul Üniversitesi, February, 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Prognostic Value of Tpeak Tend Interval in Early Diagnosis of Duchenne Muscular Dystrophy Cardiomyopathy**  
Karaca Başkan S.  
DIAGNOSTICS, vol.13, pp.2381, 2023 (SSCI)
2. **Subclinical myocardial assessment after BNT162b2 messenger RNA COVID-19 vaccination in adolescents with chronic heart disease: a speckle-tracking echocardiography study.**  
Başkan S., Özer P., Keskin G. Y., Gövdeli E. A., Ömeroğlu R. E.  
Cardiology in the young, pp.1-6, 2023 (SCI-Expanded)
3. **The relation of echo-derived lateral MAPSE to left heart functions and biochemical markers in patients with preserved ejection fraction: Short-term prognostic implications**  
Ozer P., Govdeli E. A., DEMİRTAKAN Z. G., NALBANT A., BAYKIZ D., ORTA H., BAYRAKTAR B. B., BAŞKAN S., UMMAN B., BUĞRA M. Z.  
JOURNAL OF CLINICAL ULTRASOUND, vol.50, no.5, pp.593-600, 2022 (SCI-Expanded)
4. **Serum endocan levels as a marker of endothelial dysfunction in Turner syndrome and correlation with cardiac findings**  
Gencay A. G., Darendeliler F. F., Nisli K., Karaca S., Kardelen A. D., Poyrazoglu S., Bas F.  
HORMONE RESEARCH IN PAEDIATRICS, vol.91, pp.244, 2019 (SCI-Expanded)
5. **Transcatheter closure of ruptured sinus of valsalva aneurysm using symmetrical perimembraneous VSD device**  
Nisli K., Karaca S., Aydogan U.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.5, 2016 (SCI-Expanded)
6. **Assessment of Left Ventricle Functions in Children with Familial Mediterranean Fever with Tissue Doppler and Strain Echocardiography**  
Kelesoglu F., Dogdu G., Sarikaya R., Atici A., Karaca S., Sarac Z., Tiryaki F., Kumas O., Bugra Z., Emre S., et al.  
ARTHRITIS & RHEUMATOLOGY, vol.67, 2015 (SCI-Expanded)

## Articles Published in Other Journals

1. **NATURAL HISTORY OF CONGENITAL ISOLATED MILD AORTIC VALVE AND MILD PULMONARY VALVE STENOSIS: A SINGLE-CENTER FOLLOW-UP STUDY**  
Baskan S., Karaca Ozer P., Oztarhan K.  
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, vol.85, no.2, pp.242-248, 2022 (ESCI)
2. **Balloon angioplasty of severe aortic coarctation in a newborn, using axillary artery access: The first experience in Turkey**  
Nisli K., Karaca S., Aydoğan U.  
TURK KARDİYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.44, no.7, pp.603-605, 2016 (ESCI)
3. **Balloon valvuloplasty for aortic stenosis using umbilical vein access in a newborn: First experience in Turkey**  
Nisli K., Karaca S., Dindar A.  
TURK KARDİYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.44, no.6, pp.521-523, 2016 (ESCI)

### Books & Book Chapters

1. **UZAMIŞ ATEŞ VE HALSİZLİK YAKINMASI OLAN ÇOCUK**  
Karaca S.  
in: ÇAPA ÇOCUK SABAH VAKA ARŞİVLERİ, PROF.DR.ASUMAN ÇOBAN, Editor, Nobel Tıp Kitapevi, Ankara, pp.215-220, 2023
2. **DİZLERDE ŞİŞLİK VE YÜRÜYEMEME YAKINMALARI OLAN ÇOCUK**  
Karaca S.  
in: ÇAPA ÇOCUK SABAH VAKA ARŞİVLERİ, PROF.DR.ASUMAN ÇOBAN, Editor, Nobel Tıp Kitapevi, Ankara, pp.209-214, 2023
3. **Congenital Heart Diseases with left-to-right shunt**  
Karaca S.  
in: CLINICAL CARDIOLOGY, DIAGNOSIS AND TREATMENT, PROF.DR.KAMİL ADALET, Editor, İSTANBUL TIP KİTAPEVİ, İstanbul, pp.1413-1434, 2019

### Refereed Congress / Symposium Publications in Proceedings

1. **CERRAHİ VE TRANSKATETER KAPATILMIŞ ASD'LERİN SAĞ VENTRİKÜL FONKSİYONLARININ STRAIN EKOKARDİYOGRAFI İLE KARŞILAŞTIRILMASI, YEK MERKEZLİ UZUN DÖNEM İZLEM SONUÇLARI**  
Karaca S.  
22.ULUSAL PEDIATRİK KARDİYOLOJİ VE PEDIATRİK KALP CERRAHİSİ KONGRESİ, Antalya, Turkey, 7 - 10 March 2024, pp.31
2. **VALVE PERFORATION WITH GUIDE WIRE IN IVS/PA: RESULTS OF 20 YEARS FOLLOW-UP**  
Karaca S.  
17th NATIONAL CONGRESS OF PEDIATRIC CARDIOLOGY AND HEART SURGERY, Antalya, Turkey, 18 - 21 April 2017, pp.12
3. **TRANSCATHETER THERAPY OF PDA: 25 YEARS OF EXPERIENCE OF ISTANBUL FACULTY OF MEDICINE**  
Karaca S.  
15. NATIONAL PEDIATRIC CARDIOLOGY AND HEART SURGERY CONGRESS, Antalya, Turkey, 13 - 16 April 2016, pp.14

## Other Publications

1. **Balloon angioplasty of severe aortic coarctation in a newborn, using axillary artery access: The first experience in Turkey**  
Karaca S.  
Other, pp.603-605, 2016
2. **Balloon valvuloplasty for aortic stenosis using umbilical vein access in a newborn: First experience in Turkey**  
Karaca S.  
Other, pp.44, 2016
3. **Transcatheter closure of ruptured sinus of valsalva aneurysm using symmetrical perimembraneous VSD device.**  
Karaca S.  
Other, pp.16, 2016

## Metrics

Publication: 18  
Citation (WoS): 6  
Citation (Scopus): 7  
H-Index (WoS): 1  
H-Index (Scopus): 2

## Research Areas

Health Sciences