

# Biography Of Dr. Shamini Parameswaran



Dr. Shamini Parameswaran was born in the vibrant city of London, England. Her story moved across the Atlantic when her father traveled from England to Texas to join the engineering faculty at Texas Tech University. This paved the way for her remarkable journey, achieving distinction as a cardiac surgeon committed to professionalism and empathy.

## A Journey Towards Medical Excellence

The seed for her future career was sown while she was still very young, living in Lubbock, Texas. While in high school, she furthered her interest in engineering through the Clark Scholars Program, where she performed research at Texas Tech School of Engineering. She simultaneously volunteered at local hospitals, growing a heart for medicine. Her academic journey started at Johns Hopkins University, where she discovered her passion for cardiovascular engineering. It marked the outset of their pursuit to unite her interests in medicine and the technical aspects of biomedical engineering at the top-ranked country's biomedical engineering program.

Even with an engineering degree in hand, she felt the need to strengthen her medical foundation. For this, she pursued a Master's degree in Microbiology at Texas Tech University Health Sciences Center, where she gained interest in complex infections and their implications on medically implanted devices. As she deepened her knowledge, she was drawn towards the intricate world of cardiac surgery.



## Becoming A Role Model

In her medical school years at Texas Tech, she stood out among her peers, demonstrating a commitment to leadership. She broke barriers by being the first female president of the surgery club. She also held essential responsibilities as a Dean's ambassador, demonstrating her leadership and communication skills, which put her on the path to becoming a distinguished cardiac surgeon.

## Beyond The Norm: Specialization in Cardiac Surgery

In a bold step, she pursued postgraduate studies at the Yale School of Medicine Integrated Thoracic Surgery Residency, stepping directly into CT surgery immediately after medical school. This provided her with several more years of focused training in cardiothoracic surgery compared to traditional training routes, which defer CT surgery training until completion of a general surgery residency. Only approximately 25 medical school graduates were accepted to Integrated CT Surgery residencies nationwide. Dr. Parameswaran was 1 of 2 applicants admitted to the Yale School of Medicine program. While at Yale, she completed a cardiac track, focusing her CT surgery training on heart surgeries. Her dedication and hard work were rewarded, and she was named Yale's first graduate of this specialized program.

## Aiding The Heart

Having a chance to be mentored by Dr. John Elefteriades, a pioneer in aortic aneurysm surgery, she developed a strong interest in this field. She returned to West Texas armed with this specialized knowledge, which she applied in association with several local hospitals. Today, she is a board-certified cardiothoracic surgeon, one of the few women in this field.

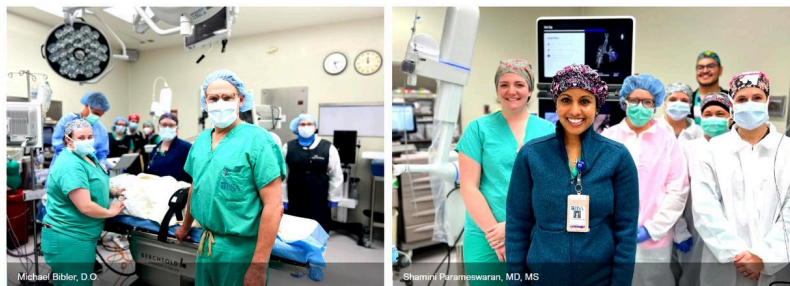
## Awards and Recognition

# BSA in the News

### BSA Performs Area's First Intuitive Ion Procedure

This week, surgeons Michael Bibler, D.O. and Shamini Parameswaran, M.D. performed the first Intuitive Ion procedures at BSA Hospital. Congratulations! BSA is the first healthcare provider in the Texas Panhandle to use the Ion, which enables biopsies of small nodules on the periphery of the lung that are not currently accessible through traditional bronchoscope. We look forward to providing our patients with quicker diagnosis and treatment through a less invasive technology.

Click [here](#) to read KAMR's article!



Her outstanding career journey was recognized with numerous awards, including the 2020 Women in Thoracic Surgery STS Scholarship, the 9th Annual Re-Evolution Summit Scholarship in 2018, and the Operation Giving Back Resident and Junior Faculty Scholarship in 2016. She also received the American Association of Thoracic Surgeons Critical Care Scholarship and Member for a Day Award. She demonstrated her leadership skills by being recognized as the

Resident of the Year of the Surgical Intensive Care Unit at Yale New Haven Health in 2015, early in her training at Yale.

## A Heart For Giving



### **Dr. Shamini Parameswaran**

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Beyond her professional accomplishments, her life demonstrates a deep-seated compassion for patients, which leads her to participate in numerous charitable activities. One such activity includes fundraising for natural disaster relief. She also actively supports underprivileged kids in South Plains and contributes to organizations like Shriners Hospital for Children, the Texas Tech endowment fund, and local churches. She hopes to take her passion for cardiac surgery overseas through medical missions shortly. This way, her life extends beyond the confines of the hospital, bringing health, healing, and hope to the broader community.

Throughout her life and career, she has maintained an unwavering Christian Faith, which has made her journey possible and provided the unflinching strength, courage, and determination to tackle challenges and navigate anything that has come her way.

The life of Shamini Parameswaran embodies the values of integrity and empathy in all aspects. Through her tireless dedication and caring heart for serving her patients and the community, she continues to make exemplary strides in cardiothoracic surgery.