Minimally Invasive, Maximum Demand? Recent Trends in the Cardiothoracic Surgery Job Market

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OBJECTIVE

Previous models predicted decreased supply and increased demand for CT surgeons by 2020. Anecdotal evidence suggests the job market has now significantly improved with graduating residents receiving several interviews. This project sought to analyze trends in CTSNet job postings as a marker for the general market for CT surgeons.

METHODS

Data were extracted from all CTSNet job postings from 2015 until the end of 2019 (pre-COVID). Jobs postings were divided into faculty and fellowship positions. Listings were further divided by niche if specified within the job posting. Data were then analyzed to observe general trends in each subdivision.

RESULTS

In 2015, 281 total cardiothoracic surgery job postings were listed on CTSNet. In 2019, the total increased by 43.1% to 401. Available fellowship positions increased from 34 to 55 (a +61.8% change). Comparing 2015 vs 2019, several subspecialties saw positive changes in available jobs (minimally invasive/robotic surgery +4 (+400%); structural heart and aortic surgery +4 (+75%); general thoracic surgery +31 (+91%); mechanical and circulatory support/transplant surgery +9 (+56%); adult and pediatric congenital +2 (+11%)). Similarly, several fellowships saw positive changes (minimally invasive/robotic surgery +3 (+60%); structural heart and aortic surgery +7 (+700%); general thoracic surgery +7 (NaN)), while others remained stable (mechanical and circulatory support/transplant surgery -1 (-9%); adult and pediatric congenital +0 (no change).

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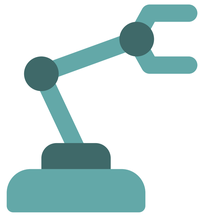
CTSNet

The overall job market for CT surgeons is **growing.**

Specifically, demand for **minimally-invasive** operators has exploded.

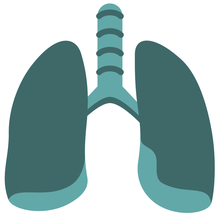
As demand for additional subspecialty training grows among employers and CT surgical graduates, **new advanced training paradigms may be necessary.**

@midairywala



+400%

Robotic and Minimally Invasive Surgery Jobs



+91%

General Thoracic Surgery Jobs



+75%

Structual Heart and Aortic Surgery Jobs

