

Hospital volume and surgeon specialty influence patient outcomes

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In other studies, outcomes of specific surgeries has been shown to improve when performed at high-volume centralized centers.

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The authors evaluated articles published between Jan. 1, 1990 and Jan. 20, 2011 that studied the effects of surgeon specialty as well as hospital and surgeon volume of lung resections on mortality and survival. They compiled data from 19 studies that met stringent criteria.

Researchers found that high volume hospitals had lower postoperative deaths compared with lower volume hospitals and thoracic and cardiothoracic surgeons had lower risks of mortality compared to general surgeons. There was a greater association of lower [mortality](#) with high volume centers as opposed to individual surgeons suggesting that the system and team involved in the post-operative care are important.

Provided by International Association for the Study of Lung Cancer

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