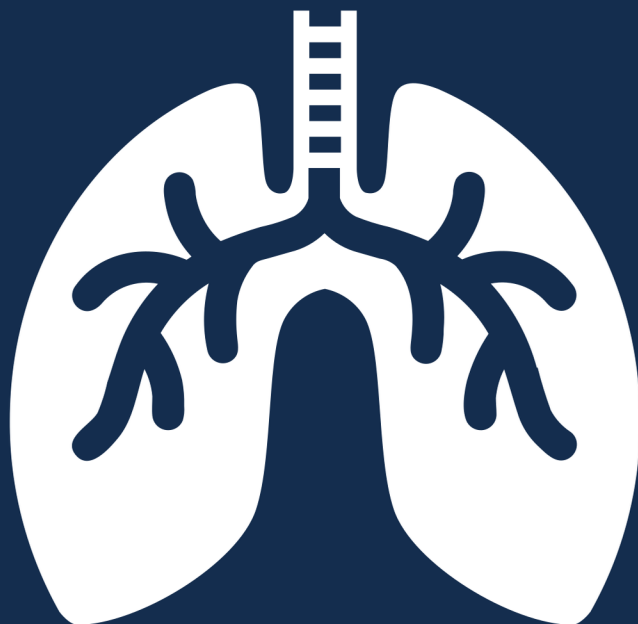


Robotic vs Video-Assisted Thoracoscopic Surgery: A Retrospective Analysis of Safety and Length of Stay During Initial Implementation of a Robotic Program in Canada

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STUDY POPULATION		OUTCOMES	RATS	VATS
RATS vs VATS cases from 2022–2024 at a Canadian tertiary care thoracic surgery center				
 Lung resections: 119 RATS vs 390 VATS		Adverse events:		
		Lung	29%	39%
		Mediastinal	29%	26%
 Mediastinal resections: 41 RATS vs 19 VATS		Prolonged Air Leak:		
		Lung	15%	17%
		Length of Stay:		
		Lung	3 days	2 days
		Mediastinal	1 day	2 days (p<0.05)