## Compared To CEA, TCAR Improves Operating Room OR Throughput (But Is More Costly?): Tips To Improve OR Efficiency

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Efficiency and Throughput

Making the case that TCAR is more efficient and operationally cost effective when compared to CEA...

Comparing TCAR and CEA Operative Time

Procedure Time<sup>1</sup> TCAR: 73 Minutes VS CEA: 116 Minutes

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Does this time saving REALLY translate into additional cases?

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TCAR	тот	TCAR	тот	TCAR		





















Multiple boxes created Less sterile processing costs

Ouicker instrument count

## **TCAR** Tray Improving Efficiency: TCAR Tray Vol. 🖩 No. 🔳 Small box of 25 instruments Mastering transcarotid artery revascularization (TCAR) Idea of the "TCAR tray" Multiple boxes created Reduced the overall instrumentation efficiency Less sterile processing costs instruments from 194 in Kalie Taylor, RN, CNOR and Nicolas J. Mouawad, MD, MPH, MBA, FSVS, FRCS, FACS, RPVI the vascular surgery set Ouicker instrument count to the 16 instruments in a focused TCAR tray-a Faster turnover 92% reduction in instrument count Northwell Northwell Health Health









Contrast Volume					
	Contrast volume (ml)				
Gradual decrease in contrast use during first 130 cases     During recent series of cases average contrast use is less than 10 ml					
	0 0 0 00 00 100 120				









## TCAR Costs

While TCAR device costs may exceed standard endarterectomy,

- Decreased instrumentation
- Decreased OR Time
- Increased volume of cases
- Reduced length of stay (?)
  Volume growth from a robust comprehensive carotid program

Are all likely to offset that difference....

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