

NEUROINTERVENTIONAL SURGERY & ACUTE STROKE THERAPY ADAPT PROJECT

RESULTS:

222 patients (45% male) underwent mechanical thrombectomy from 1/2009 - 12/2013. Successful revascularization was defined as TIC12b/3 and was achieved with use of PS in 79% of cases, 83% of SRLA cases, and 95% of ADAPT procedures. The average total cost of hospitalization for patients treated with PS was \$51,599, SRLA was \$54,700 and ADAPT \$33,611 ($p < 0.0001$). Similar rates of good functional outcomes were seen in group PS (36%) as group SRLA (43%) and ADAPT (47%) ($p = 0.4$).

CONCLUSION:

The ADAPT technique represents the most technically successful, yet cost effective, approach to revascularization of large vessel intracranial occlusions.

This abstract is from a manuscript being submitted for peer review publication. This demonstrates that the ADAPT technique, a novel technique developed by the NES doctors at MUSC, provides similar or better angiographic and clinical outcomes with a significantly lower cost and shorter length of stay. This translates to an average savings of approximately \$20,000 per patient.