

Kaleida Health's Stroke Care Center at the Gates Vascular Institute completed a three-phase, non-controlled study analyzing the patient and fiscal benefits of using Toshiba Medical's Aquilion™ ONE CT system for diagnosing acute stroke.

**RESULTS:** Contained costs while delivering high-quality, effective patient care



**\$5.4 million**  
annualized savings  
over four years



**Full-day reduction**  
in average patient  
length of stay  
(ICD-9-CM 434.91: Unspecified Cerebral Artery  
Occlusion with Cerebral Infarction)



**67% improvement** in  
patients discharging to  
**home**  
(ICD-9-CM 434.11: Cerebral Embolism with  
Cerebral Infarction)



**100%**  
reduction in  
patients  
discharging to  
**intermediate  
care facility**  
(ICD-9-CM 435.9: Unspecified Transient  
Cerebral Ischemia)



**19% reduction** in patients  
discharging to **rehab**  
(ICD-9-CM 434.91: Unspecified Cerebral Artery  
Occlusion with Cerebral Infarction)

Inpatient data sets from July to September 2007, prior to the Aquilion ONE installation, were compared with data sets from July to September 2009 (phase one), July to September 2010 (phase two), and from July to September 2011 and July to September 2012 (phase three), which utilized the Aquilion ONE, and concerned the top three discharging ICD-9-CM codes. Full data sets and study methodology available.