

# Neuroscience Network

## Quarterly Newsletter

### FEATURE STORY

#### **TJUH Neurosurgery Chair Honored by American Association of Neurological Surgeons**

The American Association of Neurological Surgeons has awarded Robert H. Rosenwasser, MD, FACS, FAHA, the Cushing Award for Technical Excellence and Innovation in Neurosurgery. The award recognizes “technical prowess and skill and/or innovation in the development of new procedures that have become part of the arsenal neurosurgeons use to treat disease or trauma.” Dr. Rosenwasser is Chair of the Department of Neurological Surgery.

#### **About Dr. Rosenwasser**



Over his 29-year career, Dr. Rosenwasser has become one of the country’s foremost experts in endovascular neurosurgery, a minimally-invasive technique used to treat neurovascular diseases such as stroke. He also played a key role in establishing the **Jefferson Neuroscience Network**, linking patients and doctors at regional hospitals with Jefferson specialists who have the expertise to diagnose time-sensitive neurological disorders. Dr. Rosenwasser has also helped to develop some of today’s leading minimally-invasive procedures for treating brain tumors, brain aneurysms, AVMs, and strokes.

**Jefferson Hospital for Neuroscience** is the region’s only hospital dedicated to neurosurgery and neurology and has established the Jefferson Neuroscience Network.

### FEATURE CASE

**Patient Presentation:** Female in her 20’s presented to Mercy Suburban Hospital via EMS with acute onset of right hemiparesis. NIHSS 17. Patient was not a candidate for IV tPA due to a recent head trauma. After evaluation by the ED staff and a telemedicine consult, a decision was made to transfer the patient to JHN. CT perfusion demonstrated at risk territory in the Left MCA distribution with evidence of only a small completed infarct in the left basal ganglia. CTA demonstrated occlusion of the left middle cerebral artery.

**Neurointervention:** Mechanical Thrombectomy was performed using the Solitaire device. The clot was removed after two passes resulting in complete recanalization of the Left MCA.

**Patient Outcome:** The patient improved immediately following the procedure and had only intermittent headache. NIHSS on discharge was 1.

**Key Takeaways:** Ideal example of a systematic approach to treating stroke and evaluating for alternative treatment options. EMS, Mercy Suburban Hospital, and Jefferson Hospital for Neuroscience all worked together to improve the outcome for this patient.

## EDUCATION

**Jefferson Neuroscience Network SPRING SUMMIT:** Thursday, May 8, 2014 from 10:00am - 2:30pm at Wills Eye Hospital (across from JHN). This Program is FREE for all Jefferson Neuroscience Network Hospitals. Four (4) CEU will be awarded. Hope to see you there!

**KNOWLEDGE PORTAL** – More than 50 neuroscience lectures are now available on-line. Staff can watch the video independently or a hospital can host an airing at your site. All of these lectures have been part of a CME or CNE activity at Jefferson. These programs will count towards a stroke education activity as defined by The Joint Commission in most states. **Visit the website for a list of programs ([www.jeffersonhospital.org/neuroknowledge](http://www.jeffersonhospital.org/neuroknowledge)) or contact Maureen DePrince (215.503.9959) for more information.**

## JET PROTOCOL BEST PRACTICES AND TELESTROKE UPDATES

The Patient Record should be entered into StrokeRESPOND before JET consult activation.

JET consults should be requested for acute stroke patients that meet the hospital's policy for Acute Stroke (i.e., stroke symptom onset within 3 hrs, 4.5 hrs, 6 hrs or 12 hrs). We are currently scheduling Mock Stroke Alerts for the 3rd & 4th Quarters of 2014. **Please contact Maureen DePrince at 215.503.9959 (or [maureen.deprince@jeffersonhospital.org](mailto:maureen.deprince@jeffersonhospital.org)) to schedule a date for your hospital .**

## StrokeRESPOND TRAINING SITE

A training environment has been set up to allow the staff to practice creating records. Moving forward, the training environment will remain in effect and should be used during training sessions for new and existing staff. We encourage all staff involved in acute stroke alerts in Emergency Departments and responding to Inpatient Stroke to practice entering patient records into the StrokeRespond Training Site. **Please visit <https://stroke-train.intouchcustomer.com/login>; User Name: *tjtrain*; Password: *tjtrain1***

## Jefferson Neuroscience Network Scorecard

### 1st Quarter Utilization:

- **Telestroke Consults:** 283 consults provided between January and March 2014.
- **tPA Recommended:** 38 times!
- **Treatment Rate for the JNN:** 13%
- **Session:** The average length of the session was 11.8 Minutes!

## COMMUNITY OUTREACH

**May is Stroke Awareness Month. Tuesday, May 6, 2014 is National Stroke Alert Day!**

Jefferson has multiple activities planned: FREE Stroke Risk Assessments and BP Screenings at the hospitals on Stroke Alert Day and throughout the month. Jefferson is also participating in an outreach event at City Hall in Philadelphia with representatives from AHA/ASA on Monday, May 19, 2014. There will be FREE assessments and giveaways! Our physicians are also speaking at two conferences during the month of May being hosted by our network member hospitals.

**Please remember to plan your stroke awareness outreach events for the month and visit the various websites below for information, educational materials and ideas for activities:**

**National Stroke Alert:** <http://www.strokealert.org/stroke-alert-may-6th-2014>

**American Stroke Association:** <http://www.strokeassociation.org/STROKEORG/AboutStroke/AmericanStrokeMonth/American-Stroke->

**National Stroke Association:** [http://www.stroke.org/site/PageServer%3Fpagename%3Daware\\_ekit](http://www.stroke.org/site/PageServer%3Fpagename%3Daware_ekit)

## TECHNICAL SUPPORT CENTER (TAC)

Occasionally technical support is needed for either the hardware (robot) or the software application (Stroke Respond). The TAC number can be found on the “face” of the robot, or on the back of the robot. **Contact TAC support at 1-877-484-9119.**