



CUSTOMER SUCCESS STORY

Orlando Health Speeds Stroke Assessment and Time-Sensitive Treatment Using Polycom® RealPresence® Mobile Video Collaboration Software and New Zoom-In Control Feature

Industry

Healthcare

Customer use

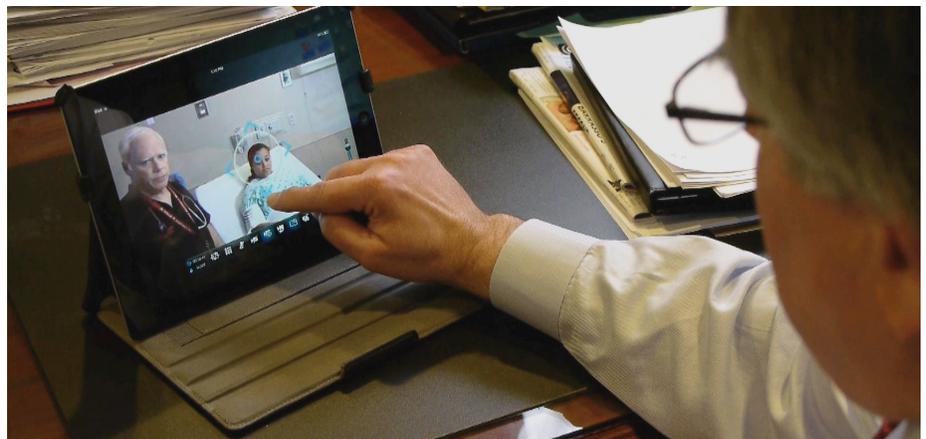
- Rapid stroke assessments by physicians from remote locations
- Video collaboration between patients, attending physicians and remote neurologists
- Real-time authorization by remote physicians of tPA stroke protocol treatment

Solution

- Polycom® RealPresence® Platform at three Orlando Health hospitals
- Polycom® RealPresence® Mobile software for tablets
- Polycom® HDX® 8000 systems mounted on patient-side carts

Results and Benefits

- Reduce the likelihood of permanent disability from brain damage in stroke survivors and helping to improve their functional outcomes
- Making it possible for more patients to receive crucial tPA treatment within 3-4 hours of a stroke
- Enabling Orlando Health to improve outcomes for patients through access to stroke specialists across hospitals and better utilized resources



Overview

Serving more than 1.6 million residents of Central Florida, the nine hospitals of Orlando Health, are leading providers of stroke treatment, including the tissue plasminogen activator (tPA) protocol. Typically not administered more than 3-4 hours after a stroke, this treatment is most effective when delivered immediately after the onset of a stroke. To accelerate the assessment and treatment of stroke patients, Orlando Health turned to Polycom-based video collaboration.

Telemedicine expands access to lifesaving stroke treatment

With a limited number of neurologists specializing in stroke treatment in central Florida, Orlando Health chose the Polycom® RealPresence® Platform to give them access to more patients. Whether a neurologist is at home, their office or wherever there is an Internet connection, the Polycom solution allows them to see a patient over live video within minutes of the patient arrival at a hospital.

Neurologists use secure video collaboration software—Polycom® RealPresence Mobile—on tablets. The software includes the new far-end camera control feature to streamline and enhance patient-practitioner interaction. The faster a stroke treatment is administered, the better the chances of patient recovery without permanent disability. This means a stroke specialist must connect quickly, something that is hard to do when there are more patients than doctors. Polycom makes this connection over live video and empowers the remote neurologists to control high-definition video cameras in the exam room.



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Carlos Carrasco, Director, Business Development and Innovation, Orlando Health

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The telestroke program has been implemented in three Orlando Health hospitals, with plans to expand. These hospitals use Polycom® HDX® 8000 systems mounted on patient-side carts to provide a high-definition video feed for the neurologists.

Polycom mobile software and far-end camera control

Remote neurologists prefer to use Polycom® RealPresence® Mobile software on tablets when connecting to stroke victims. Tablets start nearly instantly, saving precious minutes over waiting for a laptop to boot up.

One of the most valuable capabilities of the Polycom solution is the “far-end” camera control that allows a remote neurologist to maneuver and adjust the camera in the hospital from her or his tablet. Doctors can zoom and pan to see a patient’s

face or extremities, and watch a patient’s body language and movement. The camera manipulation can be done in seconds, without interrupting a conversation with the patient or the staff in the emergency room. And, the doctor doesn’t have to waste valuable time trying to direct a technician on when and how to move the camera.

“In the past, I may have driven 20 or 30 minutes to assess a stroke patient,” said Dr. Bennett Rosenthal, Orlando Health neurologist. “Now it happens almost instantly and the likelihood of a positive outcome for my patients is much higher.”

Learn More

To find out how Polycom solutions can help your organization, visit us at www.polycom.com or speak with a Polycom Account Representative.

About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit www.polycom.com or connect with Polycom on Twitter, Facebook, and LinkedIn.

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