

TANDBERG CUSTOMER PROFILE

**Bichat Stroke Center
Bichat Hospital
Paris, France**

" We only have three hours, from the first clinical signs of injury, to diagnose and cure the patient of devastating arm and leg paralysis as well as loss of speech and vision."

**PROFESSOR PIERRE AMARENCO
CHAIRMAN, BICHAT STROKE CENTER**



Bichat Stroke Center relies on TANDBERG's Intern II to speed treatment

- **CLIENT:** A renowned stroke treatment center in Paris and 10 hospitals in surrounding area
- **ACTION:** Installed a network of TANDBERG Intern II video systems designed for medical use
- **RESULT:** Speedier treatment of emergency stroke cases, less chance of death or permanent impairment for victims

VIDEO SPEEDS TREATMENT FOR STROKE

After a stroke, every minute counts. That is why 10 French hospitals have installed a TANDBERG-based videoconferencing network that links their emergency rooms to the prestigious Bichat Stroke Center at Bichat Hospital in Paris. With better, faster treatment, stroke victims are far less likely to die or suffer permanent impairment.

"We only have three hours, from the first clinical signs of injury, to diagnose and cure the patient of devastating arm and leg paralysis as well as loss of speech and vision," says Professor Pierre Amarenco, chairman of both the stroke center and Bichat Hospital's Department of Neurology.

By the time most stroke victims are transported to a local hospital and evaluated, it is too late to send them on to another medical center. They need immediate, specialized treatment. With the TANDBERG Intern II videoconferencing

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solution, local emergency-room personnel in and around Paris can just push a button to consult with Prof. Amarenco or other cerebrovascular specialists at the Bichat Stroke Center. While discussing an emergency treatment plan, physicians and nurses can share detailed medical imagery such as X-rays, CAT scans and MRIs on the TANDBERG system's high-resolution monitors.

REMOTE EXPERTS SAVE LIVES

As a global leader in visual communications, TANDBERG has provided telemedicine solutions in many corners of the world, bringing basic medical care to rural outposts and expanding the service area of specialty clinics like the Bichat Stroke Center.

The network of Intern II videoconferencing systems that now radiates from Bichat Hospital was installed by one of TANDBERG's French channel partners. Then network extends to four other teaching hospitals (part of Assistance Publique-Hôpitaux de Paris) and six community hospitals. Altogether they make up the TELE-AVC network.

According to the French Ministry of Health, there are between 100,000 and 145,000 vascular cerebral accidents, or strokes, in France yearly. Statistics also show that 15 percent to 20 percent of patients die within a month of being treated, and 75 percent end up with some degree of brain damage. Strokes are the third highest cause of death and a major cause of disability for adults in Western countries. Behind the bleak statistics is a health-care infrastructure that allows too much time to pass before stroke victims get the treatment they need.

"With the TANDBERG Intern II, we have a solution that is designed to eliminate this type of situation, with remote expertise and decision-making for acute stroke treatment," says Prof. Amarenco, who is also associated with the SOS-Attaque Cerebrale Association.

SIMPLE -- AND FAST

The TANDBERG solution was chosen after 18 months of research to determine the most appropriate "teleneurology" solutions for the TELE-AVC network. With the mobile Intern II unit, neurologists and emergency room doctors in different hospitals can consult one another instantly and then diagnose and treat emergency patients with confidence. In addition to reducing the delays in treating cerebrovascular emergencies, the TANDBERG visual technology has helped participating hospitals use resources more effectively by reducing the need to transfer patients between hospitals in non-emergency situations.

Based on the innovative TANDBERG 880 system, the Intern II has the functionality of the world's top mobile videoconferencing technology. The "IV stand" design and the twin 15-inch flat-screen LCD displays make for a self-contained videoconferencing unit that is both stable and compact, with transmission speeds of up to 768 Kbps on IP and 384 Kbps on ISDN for exceptional visual and audio quality. Encryption is built into the codec, ensuring doctor-patient privacy. Most important of all is the system's ease of use. Simplicity, after all, means speed, and speed saves lives.

ABOUT TANDBERG

TANDBERG is a leading global provider of visual communication products and services. The Company has dual headquarters in New York and Norway. TANDBERG designs, develops and markets systems and software for video, voice and data. The Company provides sales, support and value-added services in more than 90 countries worldwide. TANDBERG trades publicly on the Oslo Stock Exchange under the ticker TAA.OL. Please visit www.tandberg.net for more information.

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