

## Telemedicine:

### Google Glass and Its Growing Influence



**A**DVANCED Medical Applications from Rennes, France has become a leading pioneer in the use of Google™ Glass™ for medical purposes over the past 20 months. They have been part of the Glass Explorer community since it first opened and became a Glass At Work – Certified Partner in October of this year.

Some examples of their work include:

#### Telemedicine



#### Nursing Home Exams – June 2014

AMA developed an application allowing live medical assistance between Dr. Jean-Paul Lembelembe and a nurse, where the doctor was able to make a

diagnosis and set a course of treatment from his office, with the nurse working remotely at an area nursing home. This is now a normal part of their routine, allowing the doctor to see many more patients from a number of nursing homes, eliminating the need for transporting most of the patients and reducing costs.

#### Remote Teaching

##### Nice Shoulder Course – June 2014

As part of the international shoulder surgery congress, three French surgeons performed 4 different surgeries that were broadcast live to congress attendees. Pascal Boileau and two of his colleagues, Gilles Walch and Laurent Lafosse, used AMA's Close Teaching – Live Surgery Application with Glass that enables medical practitioners to share images of the surgery with an audience from their very own point-of-view. From the Nice-based hospital, Archet 2, they executed both two arthroscopies and two arthroplasties. These surgeries were aired simultaneously on screen to the 900 shoulder experts from around the world who attended.

##### Liver Transplant – June 2014

Before a liver surgery surgeons have to make a choice between several donors. Since the organs were not available in the hospital, a surgeon from the surgical team traveled to the donor's hospital. He used AMA's Live Streaming App for Glass to provide live, high-resolution images to its peers at the recipient's hospital to make sure one of the donor organs was suitable.

##### Shoulder Prosthetic Surgery and Teaching – February 2014

Dr. Philippe Collin, an orthopedic surgeon from CHP St-Gregoire in Rennes, France conducted a Live Surgery and Training session with doctors in Nagoya, Japan. Using Glass, Dr. Collin was able to demonstrate the installation of a prosthetic shoulder replacement part he has designed and developed. During the surgery, he was able to take and answer questions in real-time from the students in Japan.