Telehealth

Spontania Telehealth Services

Features

+ Provide secure sharing of information for peer reviews, diagnosis, and monitoring

+ Deliver real-time and streaming content for medical education

+ Enhance emergency services with on-board virtual experts

Benefits

+ Save time, allowing a single radiologist to mentor more residents

+ Provide operational savings by delivering urgent training to multiple locations

+ Improve overall quality of care while significantly reducing cost

Madrid's Public Health Service Utilizes Spontania To Deliver Healthcare More Efficiently

Madrid's Public Health Service is one of the most advanced care delivery organizations in Europe, with more than 70,000 healthcare professionals, serving approximately 8 million people through community-based clinics and health centers. Spontania is an integral part of the system; easily connecting dispersed locations, specialists, and patients for real-time, face-to-face collaboration.
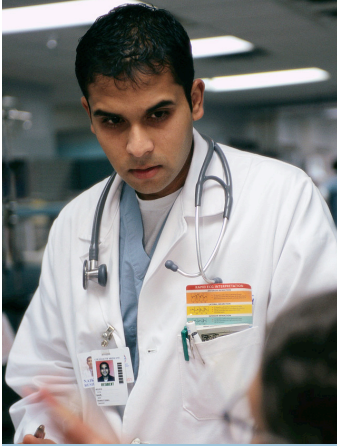
Successful results stretch back as far as the swine influenza pandemic of 2009, when Spontania was used to train Madrid's clinical professionals on intervention protocols and the management of crisis-response teams. Access was quickly extended to thousands of medical professionals; drastically reducing overall training timelines, while ensuring curriculum consistency and maximizing interaction and retention. Training was delivered to the medical staff at 257 primary care centers, 158 clinics, and 14 reference hospitals, through existing networks.

The challenges of dispersed locations and limited specialist resources were overcome with the use of Spontania Telehealth Services. This powerful solution is now extended throughout the Madrid Public Health System to conduct remote clinical sessions, improve elder care, expand radiology reviews, deliver continuing medical education, and provide enhanced emergency services.

Remote Clinical Sessions

The Radiation Oncology Department of La Paz Hospital and the medical and nursing staff at Infanta Sofia Hospital use Spontania to improve the overall quality of care. Specialists quickly reach consensus and confirm diagnostic and treatment plans using remote patient monitoring and secure sharing of EHRs.

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Eldercare

Specialists at Infanta Sofia Hospital use Spontania to connect with medical staff at assisted-living centers throughout Madrid to provide routine medical examinations and respond to emergencies. Remote consultations enable real-time sharing of vital information while minimizing risky patient transportation. The result is optimized on-site care with reduced cost.

Radiology Reviews

Using Spontania's ability to transmit multiple video images simultaneously, radiologists perform remote exams; viewing live scans and video streams of both the local clinician and the patient as well as diagnostic images. A single specialist can effectively guide clinicians in real-time to improve imagery at multiple facilities which lack the requisite on-site expertise.

Continuing Medical Education

Surgeons and surgical trainees around the world experience both live and recorded procedures via Spontania. Two relevant examples include eye and orthopedic surgery performed at La Paz Hospital connected with specialists from the U.S. These sessions inspire future clinicians, resulting in better-trained surgeons and, ultimately, improvements in patient safety.

Emergency Services

Madrid's first responders use Spontania to coordinate between police, fire, EMS, and emergency-room physicians. The ability to work across multiple networks—including lower-bandwidth mobile environments—enables quick consultation with emergency room personnel. Spontania scales to meet real-time needs, from daily emergency services to large, public events such as the famous Running of the Bulls.

"Spontania is so easy to use, the technology becomes transparent. Remote specialists can see both the patient and the in-room clinician simultaneously. Critical data such as EHRs, vitals, and diagnostic images are on-screen as well. The result is improved patient care with increased efficiency and reduced cost."

A New Breed of Video Collaboration

Spontania seamlessly blends conventional healthcare practices with access to remote medical resources. Efficient video collaboration significantly improves interaction between colleagues, emergency staff, and patients without travel or delays. Sharing and management of clinical information is swift and intuitive. Spontania's robust security and scalable architecture provide boundless opportunities for the healthcare industry.

Spontania Delivers

+ Low acquisition and operating costs
+ BYOD flexibility
+ Standards-based interoperability
+ A light network footprint
+ Firewall, proxy and NAT compatibility
+ A simple to use and intuitive GUI
+ A secure platform, meeting HIPAA standards

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