OLYMPUS

PRESS INFORMATION

Systems Integration

Olympus Europa launches connected medical recorder and hospital-wide medical content management solution

Hamburg, January 24, 2019. Olympus, a worldwide leading manufacturer of optical and digital precision technology, expands its expertise and portfolio by launching nCare, an easy-to-use, secure and reliable networked recorder, and VaultStream, a cutting-edge medical content management solution, together with its subsidiary Image Stream Medical Inc. (ISM). While significance of IT security in healthcare continues to grow drastically, the Olympus ISM solution for hospital-wide storage, access and sharing of recorded procedures is meeting the increased security expectations.

Hospitals are increasingly exposed to data protection violations. Medical products and software that are well protected against unauthorized access are in high demand. The hospital-wide documentation solution introduced by Olympus is secure, intuitive, and accessible anywhere. The nCare medical recorder and the VaultStream medical content management solution support efficient clinical workflows and safeguard recorded images and videos while providing flexibility in various healthcare environments, especially in the area of ENT (Ear, Nose, and Throat).

Supporting and connecting clinicians throughout the hospital

nCare is a connected medical recorder that captures Full HD images and videos from up to two surgical devices simultaneously. Recorded visual data can be stored locally or managed automatically on VaultStream, a central, smart and secure medical content management system. VaultStream allows the user to access patient records via mobile devices or remote computers in a secure and flexible manner. Clinicians and nurses can share images and videos easily throughout the hospital or across hospital chains.

Moreover, the system provides very easy-to-use and advanced video editing tools. The video footage can be adjusted before submission to PACS (Picture Archiving and Communication System), ensuring storage efficiency. Additionally, clinicians can be confident that all procedure videos will be available anywhere and anytime due to the automatic background video-recording feature.

Key facts & figures

> nCare medical recorder and VaultStream hospital-wide medical content management system launched by Olympus Europa

> ISM, a wholly owned Olympus subsidiary, is known for high IT security standards ensuring patient privacy

> nCare and VaultStream combine several functions: procedure recording, information integration, video editing, and medical content management

> Secure and flexible mobile and remote PC access

> Automatic background video-recording and post-procedure editing

> Hospital-grade IT security and GDPR compliancy

> Serving ENT needs: side-by-side comparison and voice frequency overlay

> First external demonstration at Arab Health in Dubai, January 28th-31st, 2019

Safeguarding visual data and patient health information

This combined solution supports GDPR compliancy by meeting highest standards for information security and privacy. It ensures that case data and other patient health information are only available to authorized users and remain confidential. Furthermore, the corruption and loss of irreplaceable procedure visual data in the event of an unexpected power loss is prevented. These security features help hospitals to gain a new level of confidence in their data and recording systems when performing complex procedures.

Highlights of the combined nCare and VaultStream solution

> **Hospital-wide features**

- o HIS/PACS/VNA connectivity (DICOM, HL7)

- o Expandable and integrated with VaultStream (VSS)

> **Flexibility in healthcare environments**

- o Capture virtually any video signal up to 1080p HD

- o Remote image capture / video recording and mobile access

> **Supports efficient clinical workflow**

- o Capture, record, view, label, print, export and search

- o Intuitive user interface and easy control

- o Automatic background recording

- o Integrated audio preamplifier and voice frequency overlay

- o Side-by-side video and audio comparison

> **Hospital-grade IT security and GDPR compliancy**

- o Automated security patches**,** virus updates and daily reports

- o Security best practices in authorization and authentication management, access attempt logging and secure connection protocols

- o Protection against data loss in case of power interruption

- o Hard-drive encryption

First-time demonstration at Arab Health

The Olympus ISM nCare and VaultStream solution will be demonstrated externally for the first time at one of the largest medical exhibitions and conferences, Arab Health, taking place in Dubai from January 28th-31st, 2019 (more information: *www.arabhealthonline.com/en/Home.html*).

What's behind Olympus ISM

By the acquisition of ISM in 2017, Olympus aims to improve clinical outcomes, reduce overall costs and enhance quality of life for patients. Olympus ISM has made the visualization and integration of healthcare environments simple and intuitive. The technology integrates seamlessly with existing workflows, connecting healthcare teams and enabling them to focus on delivering outstanding patient care now and with changing demands in the future.

About Olympus Europa

Olympus Europa is the headquarters for the region Europe, Middle East and Africa (EMEA) of the Olympus Corporation, Tokyo. As a worldwide leading manufacturer of optical and digital precision technology, Olympus provides innovative solutions for state-of-the-art medical systems, digital cameras as well as scientific solutions in the fields of microscopy and industrial inspection. The company's award-winning products are instrumental in detecting, preventing and healing illness, driving scientific research and documenting life with artistic freedom. In the hands of its customers, Olympus' high-tech products help to make people's lives healthier, safer and more fulfilling.

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