Einstein*Vision*® 3.0 3D Camera PACS Integration

Linking theatre episodes to electronic patient records
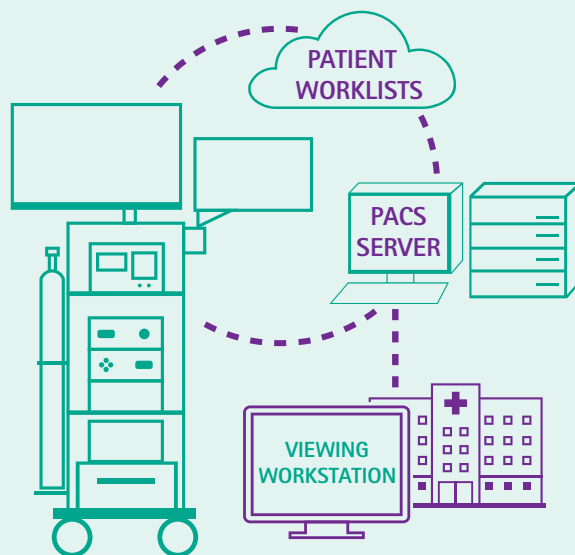
EinsteinVision® 3.0 3D Camera PACS Integration

Linking theatre episodes to electronic patient records*

B. Braun Aesculap endoscopic camera systems offer the capability of capturing high resolution images and video from theatre episodes during minimally invasive surgical procedures which can be uploaded to PACS, and incorporated directly into the Electronic Patient Record (EPR).

Our systems can enable the pull through of patient worklists and allow for the instant upload to any DICOM based PACS server or Hospital Information System.

Without incorporating the mobile endoscopic camera, a key part of the patient pathway is missed, leaving a significant gap in the EPR.

PATIENT WORKLISTS

PACS SERVER

VIEWING WORKSTATION

SURGEON AND PATIENT BENEFITS:

- Enables the recall of theatre episodes at follow up clinics within the same hospital or any neighbouring hospital, connected to the common PACS network
- Enables seamless comparison of disease progression or any change in clinical presentation following repeat theatre episodes
- Enables specialist colleagues from the same or other surgical disciplines to view images and videos from theatre episodes, and offer opinion or aid with ongoing treatment planning
- Enables inclusion of high resolution surgical images at Multi-Disciplinary Team meetings, during ongoing oncological management of patients, or any patient requiring management of ongoing complex medical conditions
- Offers visibility of surgical images to pathology departments to supplement specimen analysis
- Images and videos can be anonymised via PACS if required for training or for peer group presentations

Clinical benefits of integrating mobile theatre camera systems include:

SYSTEM BENEFITS:

- Helps maximise security of patient data
- Fits with overarching NHS objectives and incorporation with digital roadmaps
- Minimising patient data entry errors by utilising patient worklists

EFFICIENCY GAINS:

- Helps to improve theatre efficiencies by simplifying documentation of surgery during the theatre episode
- Negates the need for printing images for inclusion in paper patient notes, meeting the paper free initiative
- Instant availability of theatre episode images and videos from any workstation connected to the PACS server

*The B. Braun Aesculap camera systems, with documentation, are PACS ready as standard and include DICOM connectivity. PACS connectivity with system installation is dependent on hospital IT infrastructure

SCAN THE QR CODE TO REQUEST FURTHER INFORMATION OR A PRODUCT DEMONSTRATION