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EUROPEAN HOSPITAL @ MEDICA

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SPECIAL ISSUE: MEDICAL, TECHNICAL, PHARMACEUTICAL, INDUSTRIAL NEWS

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Should video cameras record surgical procedures? Athletes and sports teams review videotapes of their performance to learn how to make improvements. Could surgeons and operating theatre teams use videotapes for quality improvement and to increase patient safety and clinical outcomes by identifying and reducing errors or bad practice? Or would this be an intrusion, a distraction for a surgical team?
European Correspondent Cynthia E Keen reports

In addition to the expense of installing and maintaining sterile video cameras, videotape reviews would create their own set of issues and costs. Who would review? What protocols would be used to identify and report possible problems?

At a time of lean budgets, from where would funding come to pay for this? These are unanswered questions, but video cameras in surgery are making the news.

Characterising 'near miss' events in complex laparoscopic surgery using video analysis

Teodor P Grantcharov MD PhD, a professor of surgery at the University of Toronto and a staff surgeon at St. Michael's Hospital in Toronto, Ontario, has been recording his surgeries with a 'black box' he designed that works with laparoscopic procedures. The device records conversations in the operating theatre and records the video feed from the surgical camera being used, as well as a wide-angle view of activities within the room. Dr Grantcharov, also the Canada Research Chair in Simulation and Surgical Safety, meets with his surgical colleagues at St. Michael's Hospital every week to review the collected data.

relationship between minor errors and intraoperative events is essential to be able to develop effective error rescue mechanisms for future cases.

The ARIBO Project: a French study recording OR staff behaviours to reduce infection

In France, a multicentre prospective study is underway to record the behaviour of medical staff performing surgeries in 20 operating suites in 12 healthcare facilities used for cardiac and orthopaedic surgery. Motion tracking, using a video tracking system, is being used to assess the behaviours of surgeons, anaesthesiologists, nurses, and other clinicians entering operating rooms to determine their impact on surgical site infection risk during surgical site procedures.

Surgical site infection is a major public health problem, which substantially increases the severity of illness, length of hospital stay, mortality risk to patient, and related costs of treatment.

The study's principal investigator Dr Gabriel Birgand of the University Paris Diderot and colleagues are trying to determine if movement in and out of the operating room during a surgical procedure, and specific

Breakthrough law to insist on video cameras

Troubleshooting 'near miss' surgery



St. Michael's Hospital, Toronto, Ontario

Follow our light

HALL 10 STAND E31



A focusable LED lamp for exams and minor surgery

» **ACEM is at Medica Hall 10 / Stand E31**



Soled15-F, which supplements the Starled range of lamps manufactured by ACEM Medical Company, is a focusable LED examination light for diagnostics, minor precision surgery, intensive care, recovery room and

first aid. The lamp provides a '... uniform distribution of light and can focus the light beam with perfect illumination both on the surface and in depth providing the operator with the best working conditions,' the company reports. 'The high technological level combined with the use of high-powered LEDs allow the lamp to have a very linear yield and a negligible performance decay for its entire life duration.'

Light intensity is 50,000 Lux (large spot light beam) increaseable up to 77,000 Lux (small spot light beam) and it has a low power consumption (24 W).

'The LEDs layout gives visual comfort and produces a uniform, homogeneous and shadow-less light,' ACEM adds.

With an iSense touch panel to control all functions, the lamp also has an easy-to-grip removable and sterilisable handle, making it suitable even for critical sanitary applications, and the lamp can be ceiling, wall or trolley mounted.

MAKE A NOTE:

**Medica Education Conference
Wednesday 10.45 a.m. – 12.00 p.m. Room: 15**

SCIENCE AND MEDICAL TECHNOLOGY: Geriatric medicine: Gerontotechnology – status quo and future perspectives

Chairman: PD Dr. Jürgen M. Bauer, Oldenburg
 ● 10.45 a.m. – 11.20 a.m.
Gerontotechnology – What does it offer medical

colleagues? PD Dr. Jürgen M. Bauer, Oldenburg
 ● 11.20 a.m. – 12.00 p.m.
Gerontotechnology – technical systems and services. Prof. Dr. Dr. Michael Marschollek, Hannover



Simple. Secure. Strapless.

The new foetal monitoring solution

» **Pelican Feminine Healthcare is at Medica Hall 16 / Stand F42**

Over in Hall 16, Pelican Feminine is introducing FETOfit, a new product in its obstetrics range.

This disposable device was specifically designed to secure TOCO and CTG transducers quickly and easily for strapless foetal monitoring. 'Unlike standard circumferential straps, Fetofit's hypoallergenic adhesive pads adhere directly to the front of the abdomen,' the manufacturer reported prior to the 2015 Medica

Fair. 'The flexible material moulds to body contours, offering a secure fit whilst promoting maternal comfort and mobility with easy access for an epidural.'

Specialising in gynaecology and obstetrics products, devices such as the PELIspec are market leading products internationally, the British-based firm added.

Details: www.pelicanfh.co.uk