

## Press Release

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### **See more out of the Operation Room**

Dräger Polaris OR light, now with high definition camera

**Lübeck, Germany - The light heads for the Polaris 560 and 760 OR lights now offer integration with a high definition camera (HD) that delivers video with high quality images.**

The Polaris HD camera delivers high quality images in "Full HD 1080i" format. This HD system contains more digital image information than SD (standard definition) systems, so it can provide sharp, clear video with intensive color. Operation-relevant details in the surgical area, such as tissue layers, tissue sections and vessels, are clearly recognizable, and structures with similar color can be easily differentiated with HD quality. For this reason, HD images are ideal for use in medical documentation and training.

#### **Image set up and alignment without additional handling**

None of the Polaris 560 and 760 functions change due to the HD camera. For example, surgeons can still set the diameter of the light field in a variable range from 220 to 290 mm based on their needs and can rotate the light heads 360 degrees. Motorized camera alignment provides an upright display on the monitor with true to side images despite light head rotation. The camera can compensate for image rotation of up to 360 degrees without additional intervention from the surgeon.

Camera functions such as 120x zoom (10x optical zoom), manual and automatic focus, white balance and stills as well as iris control are controlled by unsterile OR personnel using a control unit or remote control. It is also easy to swap one camera light model for another.

#### **Clear images for good training**

Anesthetists or unsterile personnel can watch the surgical procedure in the OR on a flat screen. The HD images from the operating room can also be displayed on monitors or large format screens outside of the operating room by using the two HD-SDI outputs in the control unit (high definition serial digital interface). In this way, the operation can be watched live and in color in the lecture hall or in the doctor's office, which also supports the training of

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clinic employees. The freeze function allows clinic personnel to make a detailed analysis of stills in full HD resolution.

The Polaris 760 and 560 are manufactured by Dräger Medical GmbH.

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