

Polecam Medical System

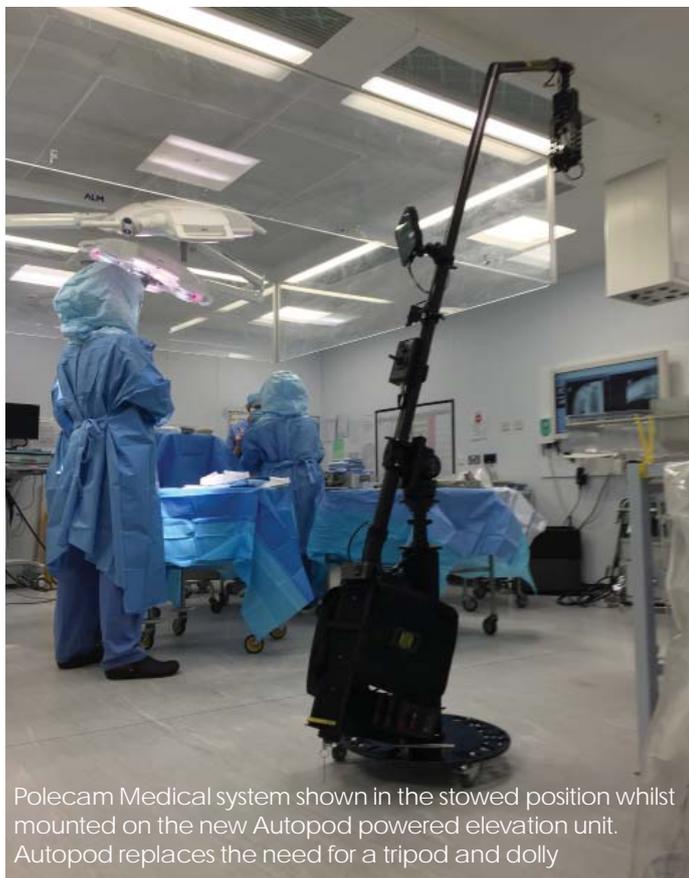
Part #PR018M

Polecam has established itself as the global leading lightweight, portable modular camera crane system. Quick to setup, easy to relocate, intuitive to use and offers great versatility through its design. It is the perfect system for providing a flexible 4K or HD camera platform for medical theatre applications

Forward thinkers in various medical companies around the world have recognised Polecam's potential for looking over the shoulders of surgeons in the operating theatre to give an unrestricted ultra high, high definition or even 3D view of the procedure without compromising the medical team

Polecam can be configured to work with the latest small profile 4K and HD minicams including Ultra Hi Definition prime and zoom lenses. It has a highly responsive, remote pan and tilt head, which is controlled by the operator at the back end of the rig who remains outside the main operating area.

Any movement by the surgical team which may obscure the camera view, can be countered by the operator using the boom and remote head. This overcomes the problem of fixed and rail cameras located around the lights, which can be obscured by surgeons bending in over the work area.



Polecam Medical system shown in the stowed position whilst mounted on the new Autopod powered elevation unit. Autopod replaces the need for a tripod and dolly



Polecam is used quite regularly by some of the large orthopaedic companies who set up training events for surgeons and for the sales teams, to demonstrate procedures using their prosthetics and the specialist tools and instruments used to fit them.

In these events usually the audience will be in a lecture theatre viewing the camera output(s) on large screen monitors or projectors and the principal surgeon will have a two way audio link to the audience to enable Q & A sessions.

The 4K or HD outputs of the camera can be recorded so that training video productions can be produced after the event. Polecam is also able to mount a second HD minicam in tandem to produce a 3D output. In some cases webcasting has now been used to facilitate a wider audience.

Polecam is usually mounted on the NEW Autopod powered elevation unit. With a height adjustment through 70cm/27.52 offers accurate and stress free polecam elevation. Polecam can also be mounted on a standard tripod and dolly.

Where sterility must be maintained, sterile sleeves are available to fit over the camera, head and boom, with a small aperture for the front of the lens.

There are countless other opportunities within the wide remit of the medical industry where Polecam could offer this benefit of showing clearly what is being done by the surgeons and specialists of all kinds so that this knowledge can be passed on in the form of training, but also to offer highly professional content in 4K, HD or 3D