LEDs To Completely Replace Halogen Lights In The OR

European uptake of light-emitting diode (LED) surgical lights will represent 100 percent of surgical light sales by 2014, as hospitals replace halogen lights with significantly longer lasting LED lights, the Millenium Research Group (MRG) recently reported.

According to a recent article, MRG's European Markets for Video and High-Tech Hardware Devices 2010 report finds that adoption will be accelerated in Europe, in part because European countries are more environmentally-conscious than their US counterparts.

Presently, LED lights represent approximately 60 percent of European surgical light sales in 2009, but will completely overtake the market by 2014. While the group reports that full-adoption of LEDs will occur sooner in Europe, the question can be raised: Is the US next? According MRG, Europe is more likely to adopt LEDs because of environmental-consciousness. However, LEDs present other benefits that suggest LEDs are the OR lighting solution of the future.

For one, LED lights are more energy efficient and durable compared to halogen lights. They emit less heat, making it more comfortable for surgeons operating on patients. Surgeons can also adjust the color of LED lights according to their preference. The emergence of new LED light competitors in Europe—such as Stryker, which launched the Visum LED surgical light in August 2009—will further accelerate market growth by increasing promotion and the push toward LED adoption already started by companies such as Getinge, BERCHTOLD, TRUMPF and many others.

"The movement toward LED surgical lights is a boon for the market given the higher prices these devices are able to garner. On average, LED surgical lights are sold at a full 50 percent premium over halogens," says Tiffanie Demone, Senior Analyst at MRG. "Demand for LED technology is also expanding in the market for endoscopic light sources, which supply the camera head with light at the surgical site. With the same benefits as surgical LED lights, endoscopic LED light sources will be a focus for development for more and more camera companies, which in turn will expand product variety and boost unit sales."

MRG's report provides important insight into trends in minimally invasive surgery in France, Germany, Italy, Spain, and the UK. The study provides highly segmented coverage of the key markets, including camera systems, surgical lights, surgical tables, surgical monitors, operating room integration, digital capture and recording devices, light sources, and printers.

This report includes country-level five-year forecasts for unit sales, average selling prices, and market values, along with market shares for 2009, and in-depth qualitative insights.
Source: PR Newswire

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