maiCAM-mSPECT

ASNC 2012

INFORMATIONAL HISTORY

The maiCAM180 is now called the maiCAM-mSPECT

The maiCAM180 was introduced to the market in September 2006. As a joint venture between Mid-Atlantic Imaging (MAI) and Segami Corporation, the camera was designed and manufactured in Ottawa, Canada by the engineering firm Spectrica. The maiCAM180 was sold by both MAI and SEGAMI in the U.S. market as a small footprint and mobile cardiac camera. SEGAMI provided software for the maiCAM180 and MAI provided service and applications support.

MAI purchased SEGAMI's share of the venture in 2007 and became the sole owner of the rights to the maiCAM180. SEGAMI still provided the software, but no longer provided sales.

Production of the maiCAM180 was moved to GVI Medical in Twinsburg, Ohio in 2009. MAI and GVI formed a strategic alliance where GVI would manufacture and sell the camera and MAI would provide service on the maiCAM180 as well as other GVI products. For a more cohesive fit into the GVI product line portfolio, the new maiCAM180 will be named the mSPECT, and will be referred to as the maiCAM-mSPECT for the initial marketing phase.

GVI is currently redesigning the maiCAM-mSPECT, with new features including decreased gantry size and weight and a new style of detectors.

SEGAMI will continue to provide the acquisition and processing software for the maiCAM-mSPECT. The maiCAM-mSPECT will now be delivered with SEGAMI's new Oasis software.

FAQ:

How is the new style of detectors different on the maiCAM-mSPECT?

The PMTs that were used in the original maiCAM180 were manufactured by Photonis. Photonis no longer makes PMTs, so a new PMT had to be selected. GVI used this opportunity to make some physical changes to the detector at the same time, making the physical depth of the detectors smaller while maintaining the same *x* and *y* field of view dimensions.

How is the weight of the maiCAM-mSPECT being decreased?

The original detectors were shielded for 400keV, however, because the maiCAM-mSPECT is used for mobile cardiac applications using Tc99m and Tl201, there is no need for that much shielding. The new cameras will be shielded for 200keV. Because the camera detector is shielded on five sides and the new depth of the detector is less, this is a significant savings in weight. Although this is not the only weight saving design change, it is the most significant.

CONTACT:

GVI Medical
330.963.4083 | www.gvimd.com | info@gvimd.com

MAI Services
888.247.8840 | www.maiEdge.com | info@maiEdge.com