



## News Release

FOR IMMEDIATE REVIEW

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### **ARC QA™ Phantom now available for facilitating patient and machine QA measurements when using rotational delivery methods**

**Middleton, Wisconsin, August 12, 2009** – Standard Imaging, Inc. recently released the ARC QA Phantom, a new phantom for clinicians using rotational delivery methods such as RapidArc™ radiotherapy technology from Varian® Medical Systems and VMAT from Elekta®.

As more radiation treatment facilities begin using rotational delivery methods, having proper dosimetry tools is critical to determine the amount of dose that will be delivered to the patient. Using the ARC QA Phantom, medical physicists can perform absolute or relative dosimetry with confidence. A 30 cm long x 20 cm diameter cylinder, the ARC QA Phantom is constructed of water equivalent CIRS® Plastic Water® DT material and accommodates proven film and traditional ion chamber detectors ... no software or expensive detector equipment are required.

Familiar techniques can be used to perform rotational QA tests, including individual arc dose distribution, gantry alignment accuracy, and rotational output rate uniformity. The ARC QA Phantom is not only useful for rotational QA, but for IMRT and IGRT QA as well. Additionally, its modular construction accommodates interchangeable inserts for testing imaging and treatment planning systems.

When combined with the Standard Imaging Exradin Model A19 Classic Farmer-type Chamber and the MAX 4000 or SuperMAX Electrometer, the ARC QA Phantom becomes an affordable and complete solution for performing rotational QA measurements.

**To learn more about the ARC QA Phantom, visit [arcqaphantom.standardimaging.com](http://arcqaphantom.standardimaging.com). To learn more about Standard Imaging, visit [www.standardimaging.com](http://www.standardimaging.com).**

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Standard Imaging is a leading supplier of radiation calibration and quality assurance instruments and software supporting a broad range of radiation treatment applications, including dosimetry, brachytherapy, intensity modulated radiation therapy, image guided radiation therapy, and stereotactic radiosurgery.

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