

# QA for MR-Guided Radiation Therapy









#### **Supporting Literature:**

Clinical Experience of Patient-Specific QA for Online Adaptive Radiotherapy Using Elekta Unity MR-Linac

J Yang, et al., UT MD Anderson Cancer Center, Houston, TX, AAPM 2019

## Measurement validation of treatment planning for a MR-Linac

X Chen, Dept of Radiation Oncology, Medical College of Wisconsin, J Appl Clin Med Phys 2019:20:7:28-38

## IC **PROFILER™- MR**



#### **Supporting Literature:**

Characterization of positional accuracy of a double-focused and double-stack multileaf collimator on an MR-guided radiotherapy (MRgRT) Linac using an IC PROFILER array

K Mittauer, et al, Med. Phys. 47 (2), February 2020 0094-2405

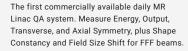
#### Solid Water® HE



## Advanced Electron Density Phantom



## Daily **QA™- MR**





## Sun**CHECK™** Machine



## PC Electrometer™



#### Stereo**PHAN™**

MRI Signal Generator StereoPHAN insert



#### MICRO+™ MR

Remote control laser positioning in an MR environment



## Compatible with Elekta and ViewRay® Technologies

|  | ArcCHECK® - MR | IC PROFILER™- MR |
|--|----------------|------------------|
| Able to be bundled with orders                               | <b>~</b>       | ✓                |
| Used by Elekta and ViewRay Development and Engineering Teams | <b>~</b>       | ✓                |
| Compatible with 0.35 and 1.5T treatment delivery systems     | <b>~</b>       | ✓                |
| Co-developed by ViewRay Manufacturing & Physics teams        | ✓              | ✓                |