

## **DoseView 3D Water Scanning System: It's your time be Precise**

Introduction of the Standard Imaging DoseView 3D Water Phantom scanning System. This will cover a quick overview of the hardware as well as a more detailed description of our Water surface alignment and our Chamber Alignment. Then a quick overview of the software and then a detailed description of our intuitive Scan Queue creation.

### **1. System Overview**

- a. System Hardware introduction
  - i. Construction Components (Hardware)
    - 1. Phantom Highlights; Water Phantom and Motion control system.
    - 2. Reservoir Lift Cart Highlights
  - ii. Halcyon Compatibility
    - 1. Halcyon Alignment cap

### **2. Unique Water Leveling and Alignment system and Detector alignment**

- a. Water Surface Alignment Jig for System setup and leveling.
  - i. Use of this system for water leveling and alignment to show fast setup.
- b. Array of Chamber holders for all types of scanning
- c. Detector Alignment jig for easy Chamber positioning in the system for scanning

### **3. Software Queue Set up**

- a. Step through Queue components,  
The DoseView 3D Automated Scan Queue generation tool is one of the most intuitive and instinctual systems available. This section will highlight that functionality and its setup to show its step through in detail.
  - i. General
  - ii. Energies
  - iii. Field Sizes
  - iv. Scan Types
  - v. Scan Mode
    - 1. Step or Continuous
    - 2. Single zone
    - 3. Multiple Zone
      - a. Resolution selection in high gradient lower dose regions
  - vi. Easy Scan Editing
    - 1. Batch and single editing