



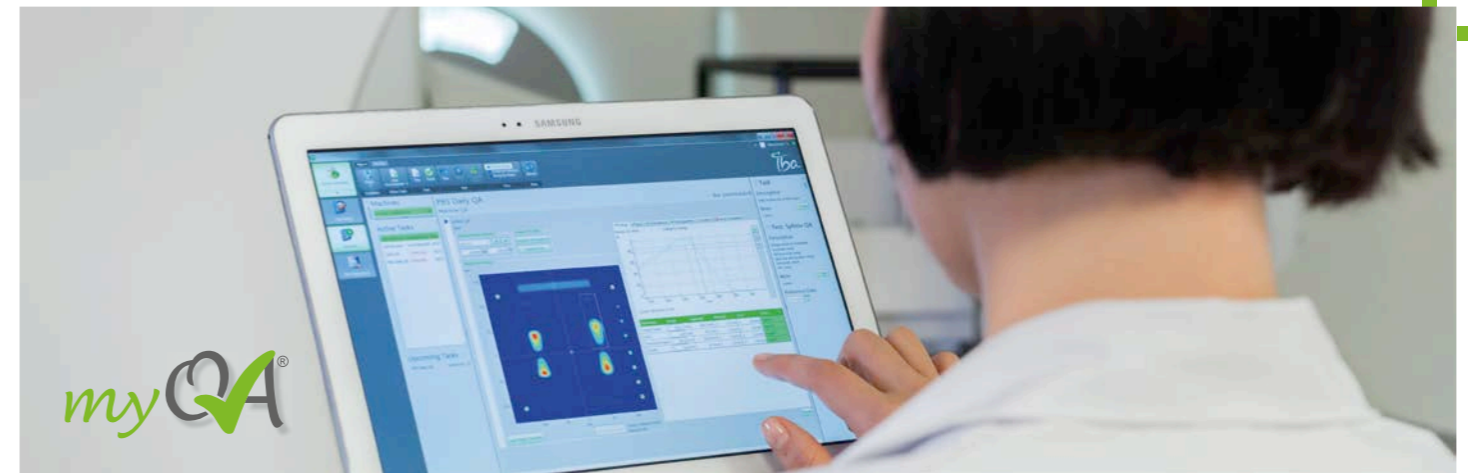
# PROTON THERAPY QA

Targeted Solutions for the  
most Efficient Quality Assurance

DOSIMETRY

PROTECT +  
ENHANCE +  
SAVE LIVES

# YOUR GLOBAL QA PROVIDER



↑ Your QA data at your fingertips – find out more about myQA® Global QA Software Platform on the next page.

**All-in-One.  
All Connected.  
All Secure.**

IBA Dosimetry offers a full portfolio of dosimetry equipment tailored to the needs of your particle therapy center.

Our high-end solutions are aimed at assuring treatment safety as well as the most efficient dosimetry and quality assurance.

IBA's unique innovations in the field of PT dosimetry are designed to minimize commissioning and QA times and maximize the number of patients you can treat.

## Commissioning

### Blue Phantom<sup>2</sup> and Stingray

- Your perfect combination for PBS commissioning



### Stingray – Large integral chamber for PBS

- The largest collection area in the market with 12 cm diameter
- No approximations, even at maximum depth



## Machine QA

### Zebra – Single-shot bragg peaks and SOBP measurement

- Save up to three hours compared to a single SOBP reconstruction using a water tank
- Acquire a full SOBP with a single radiation



### Lynx PT – Daily machine parameter verification

- The finest resolution for spot characterization and machine QA



### Giraffe – Single-shot bragg peak measurement

- Reconstruct the bragg peak for a single spot within seconds



### Sphinx – Your daily QA in one shot

- Gain 20 minutes of QA time: this allows you to treat one more patient each day
- Automated check and trending in myQA



## Patient QA

### DigiPhant PT – Fast 2-D and 3-D dose measurement for patient QA in water

- Unique combination of a water phantom and a MatriXX optimized for your high-intensity PT beam
- Verify layers for a clinical plan and compare them with the TPS in a single setup



### MatriXX PT – Your ultimate high-dose-rate solution

- Suitable for high-dose-rate cases
- High spatial resolution: 1,020 ionization chambers





# Your Global QA Platform

## myQA Platform



### All-in-One. All Connected. All Secure.

- Your Global QA Platform grants you easy and perfectly managed data access through your entire quality assurance process.
- Never miss any key information and enjoy quick access to your QA parameters and detailed test results.\*

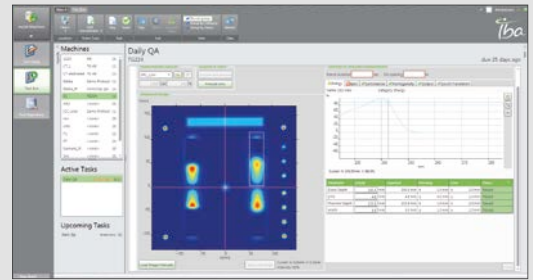


Click/scan to watch the proton therapy quality assurance overview.

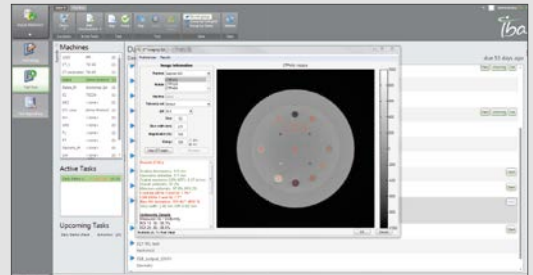
\* PT Machine QA based on Sphinx and Lynx are released on myQA, further applications are work in progress.

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## myQA Machines



Daily QA



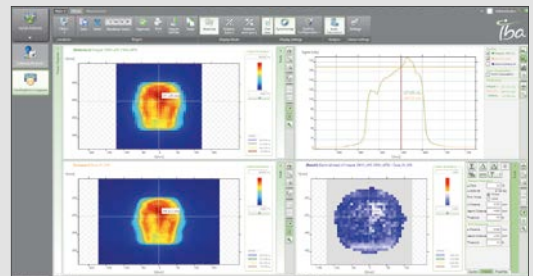
CBCT QA

## myQA Cockpit



Trending of Parameters

## myQA Patients\*



Patient Plan Verification

### IBA Dosimetry

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# DOSIMETRY

