



Life.
Science.



Keep everything
but cancer.

Proteus[®]ONE

THINK BIG, SCALE SMART

PROTON THERAPY

The powerful precision of proton therapy

Proton therapy is the most advanced radiotherapy treatment in existence, delivered using the most powerful medical device.

By harnessing the specific physical characteristics of protons, proton therapy minimizes radiation exposure to healthy surrounding tissues, potentially leading to fewer side effects than traditional radiotherapy.¹ This helps preserve life beyond treatment, **keeping everything but cancer.**

Proton therapy could therefore have a positive long-term impact on cancer survivors, especially pediatric patients who are particularly vulnerable to delayed effects of radiation. Available evidence suggests that proton therapy reduces hormone deficiency, neurocognitive and psychosocial impairment, lowers risk of secondary cancer and improves the quality of life of childhood cancer survivors.² It also provides favorable quality of life profiles and patient-reported outcomes for select patients with brain, head and neck and lung cancers.³

At IBA, we want to make this treatment accessible to every patient who could benefit from it.

Together with IBA, you can provide your center with a solution that helps you meet this huge potential, and give your staff the opportunity to grow with this cutting-edge therapy.⁵

Introducing an accessible state-of-the-art proton therapy system set to revolutionize the world of cancer treatment: ProteusONE.

Currently, not enough eligible patients receive proton therapy:

97.8%

of US patients with cancers for which health insurance coverage for proton therapy treatment is recommended (ASTRO Group 1) do not receive proton therapy.⁴

References:

1. Mohan R and Grosshans D. Proton therapy - Present and future. *Adv Drug Deliv Rev.* 2017 Jan 15;109:26-44. 2. Hu M, et al. Proton beam therapy for cancer in the era of precision medicine. *J Hematol Oncol.* 2018 Dec 12;11(1):136. doi: 10.1186/s13045-018-0683-4. 3. Verma V et al. Quality of Life and Patient-Reported Outcomes Following Proton Radiation Therapy: A Systematic Review. *J Natl Cancer Inst.* 2018 Apr 1;110(4). 4. Nogueira LM et al. Assessment of Proton Beam Therapy Use Among Patients With Newly Diagnosed Cancer in the US, 2004-2018. *JAMA Netw Open.* 2022;5(4):e229025. doi:10.1001/jamanetworkopen.2022.9025. 5. Yuan TZ, et al. *Cancer Commun* (Lond). 2019 Oct 22;39(1):61. doi: 10.1186/s40880-019-0407-3.

ProteusONE Think Big, Scale Smart

ProteusONE has been designed for users by users, to make proton therapy both accessible and comfortable.

Intended to be scalable, ProteusONE can grow with you as your center expands, helping you take on more eligible patients and attract the very best of talent too.

By bringing this compact, cutting-edge technology into your center, you can expand your capabilities to more eligible patients in need ensuring they, and you, can benefit from its long-term value.

Why invest in ProteusONE?

IBA created the ProteusONE system to ensure every eligible patient could access and benefit from the unparalleled precision of proton therapy.

With an installation of ProteusONE, you get more than just a system. You get support at every step from IBA: from room-design to daily operation including maintenance, training, education and upgrades.

Create the future, elevate your center and change lives with ProteusONE.

IBA have¹

Been a leader in the field for **35+ years**

Installed **75+ centers** just like yours – 160 treatment rooms, equivalent to 45% of all treatment rooms

Helped **120,000+ patients** worldwide with Proteus advanced technology – 53% of all patients treated with proton therapy

References:

1. Data from IBA 6 PTCOG - July 2023.

Create the future with ProteusONE

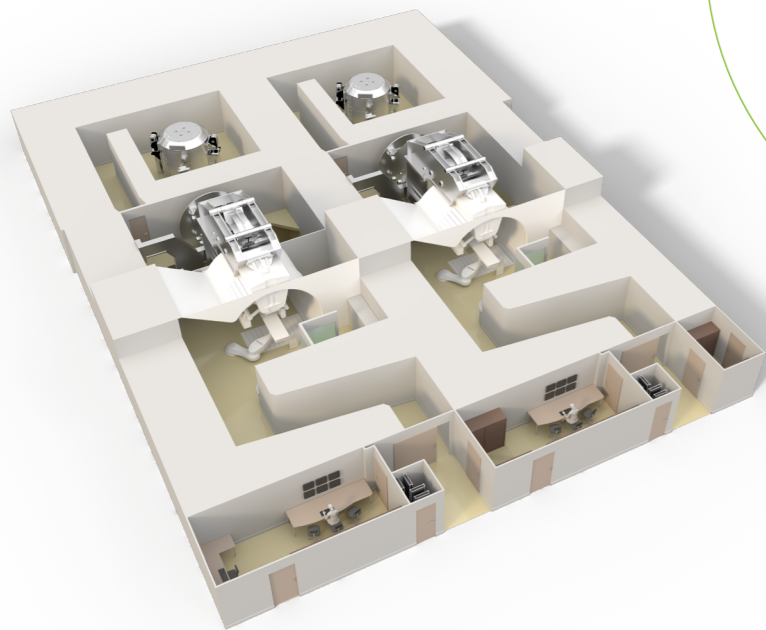
Enhance your reputation as a leading cancer center

Proton therapy is an essential tool of precision medicine in cancer treatment, and ProteusONE makes this pioneering treatment more accessible than ever before. By adding proton therapy to your center's services, you can grow and innovate alongside other leaders in this field and advance your possibilities to help even more eligible patients.

Scale up when you need to

An installation of ProteusONE provides you with unmatched long-term value for the next **20+ years**

ProteusONE can be augmented through smart expansions whenever your patient demand grows. It is also designed to be compatible with upcoming proton therapy innovations, futureproofing your center for years to come.



ProteusONE is a DynamicARC® and Conformal FLASH®-capable system, so investing now means continuing to excel in the future.*

*ConformalFLASH® & DynamicARC® are registered brands of IBA's Proton Therapy which are currently under research and development. ConformalFLASH® and DynamicARC® will be available for sale when regulatory clearance is received. Due to a continuous research and development program, IBA reserves the right to make changes in design, technical descriptions, and specifications of its products without prior notice. Some features are under development and may be subject to review by competent authorities.

More sustainable than previous generations

ProteusONE is a new generation proton therapy system considered to have a lower environmental impact per patient.

Our pledge towards sustainability goes far beyond installation. From project design to equipment performance, every effort is made to reduce the impact we have on the planet and your finances. IBA is a B-corp certified company, dedicated to eco-design and extending its positive impact to the planet as well as to people.*

90%

of ProteusONE users think it is very or extremely important to have an **UPGRADABLE** proton therapy equipment!

Remain at the forefront of precision medicine for years to come with ProteusONE – a compact, cutting-edge proton therapy system.

*B-Corp Certification is a designation that a business is meeting high standards of verified performance, accountability, and transparency on factors from employee benefits and charitable giving to supply chain practices and input materials. Certified B Corporations are leaders in the global movement for an inclusive, equitable, and regenerative economy.

References:
1. Data from the ProteusONE user survey 2023.

Elevate your center with ProteusONE

The most versatile proton therapy system on the market

From routine to research, ProteusONE's high modularity allows you to select the best configuration for your center, and gives your physicians the flexibility to choose the best treatment option for their patients too. You can gain all the true clinical benefits of Intensity Modulated Proton Therapy (IMPT) with Pencil Beam Scanning (PBS) with no compromise on patient treatment.

Its unmatched interoperability allows you a flexible choice of ancillary partners.* You can therefore trust that ProteusONE can evolve to ensure short, mid and long-term value for your patients, staff and center.

Expand your center's clinical capabilities

ProteusONE is designed to be efficient with:



An iso-centric and remote operating workflow



A LINAC-like workflow and a fast door-to-door treatment time



An open gantry (winner of a Red Dot design award) to improve patient comfort and treatment angles that allow non-coplanar fields



360° accessibility to the patient



A streamlined quality assurance workflow in partnership with IBA Dosimetry

100%

of ProteusONE users think it is very or extremely important to set-up, image and treat at ISOCENTER.¹

Peace of mind from initiation to daily operation

As a profitable, stable company with proven experience, you can trust in IBA as a long-term partner.¹ We will support you throughout the whole process, from providing a responsible project timeline, to optimized design and smooth on-time installation. We also offer commissioning support and assistance during your first patients' treatments.*

You can also feel reassured that your staff will be capable of using ProteusONE from day one. With a fast time between delivery and the first patient, ProteusONE is easy to use and intuitive, with high uptime. That means no need to cancel appointments and ensured business viability from the very start.

ProteusONE users give IBA a rating of

4.4/5

when recommending it to their peers.²

"ProteusONE is excellent for non-coplanar fields due to the clearance, oblique imaging system and open geometries... for closed gantries, it is more complicated to use non-coplanar fields."

Xuanfeng Ding, PhD
Chief Medical Physicist,
Corewell Health, USA



Master complexity with confidence and ease upon investment.

*For example OIS, TPS, Surface Guidance systems. For more information, please contact your IBA representative.

References:

1. Data from the ProteusONE user survey 2023.

*Commissioning support is an option to purchase.

References:

1. IBA. ANNUAL REPORT 2022. Available at: <https://www.iba-worldwide.com/iba-annual-report-2022> [Accessed August 2023]. 2. Data from the ProteusONE user survey 2023.

Change lives with ProteusONE

High precision and comfort for every eligible patient

Advanced, precise proton therapy is an alternative to traditional radiotherapy that gives your eligible patients a different option to tackle their cancer. By exploiting the favorable characteristics of protons, the precision of ProteusONE means you can spare critical organs and preserve quality of life during treatment and beyond. It helps people to keep everything but cancer. ProteusONE also provides your patients with a comfortable experience throughout their treatment sessions – it was awarded the Red Dot Best of the Best Design award for a patient-centric designed treatment room.

87%

of ProteusONE users are very likely and extremely likely to recommend the OPEN GANTRY.¹

ProteusONE's open gantry award-winning design ensures 360° accessibility to the patient.



"It's delightful to see a young patient's reaction when they walk into the room. It doesn't look like a typical exam room. It looks more like a fun place where kids go to play. For our therapists, it makes the room a calmer more enjoyable place to work."

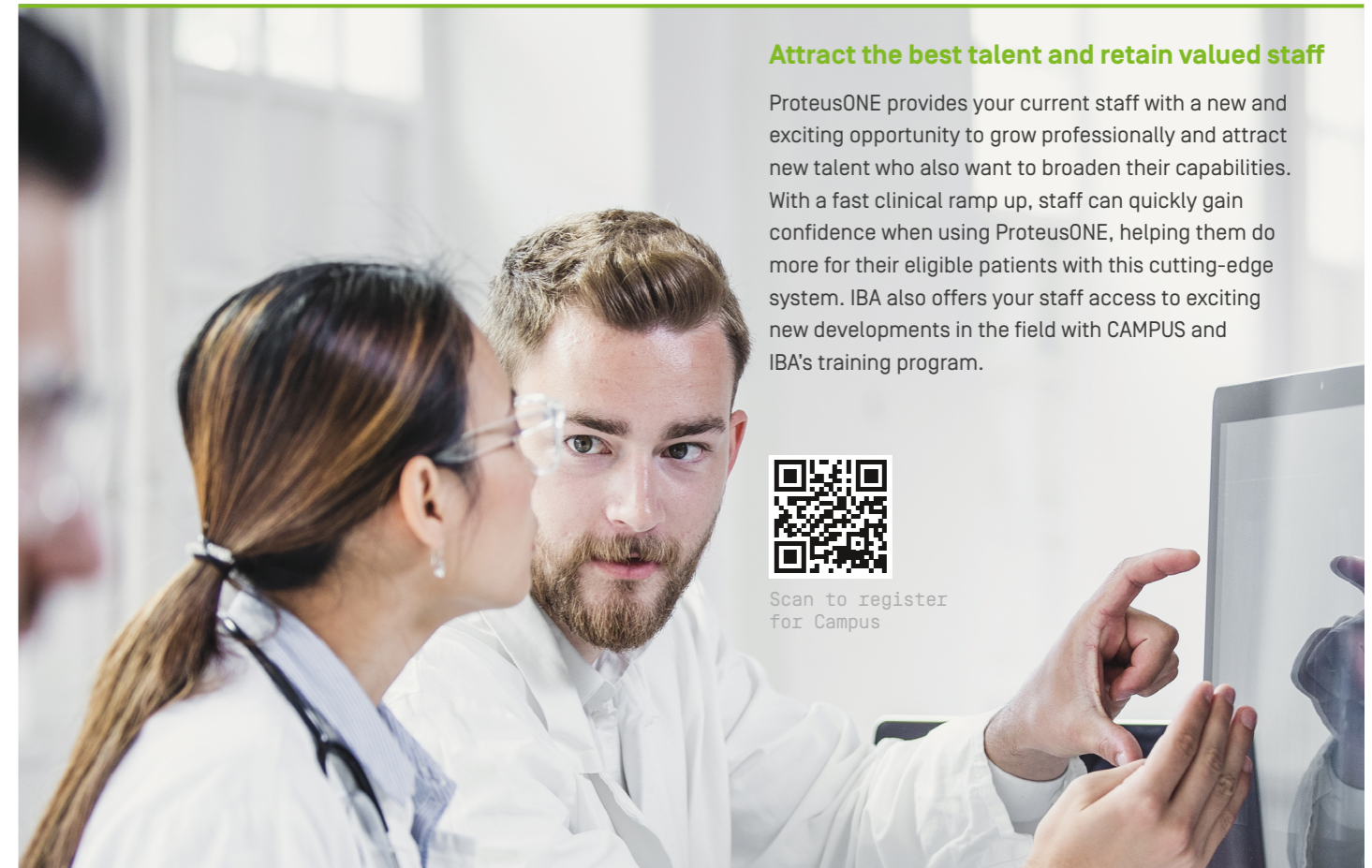
Dennis Varghese
Chief Therapist,
University of Kansas Cancer Center, USA

Attract the best talent and retain valued staff

ProteusONE provides your current staff with a new and exciting opportunity to grow professionally and attract new talent who also want to broaden their capabilities. With a fast clinical ramp up, staff can quickly gain confidence when using ProteusONE, helping them do more for their eligible patients with this cutting-edge system. IBA also offers your staff access to exciting new developments in the field with CAMPUS and IBA's training program.



Scan to register for Campus



The Philips Ambient Experience means a significant improvement in patient and staff satisfaction¹

>90% of staff feel they can give patients a better experience

88% of staff feel that patients are calmer

73% of patients felt a high degree of satisfaction and comfort

"It was a natural decision for us to equip our hospital with the ProteusONE proton therapy solution as it is the most targeted treatment in the fight against cancer."

Marc Decramer
Chief Executive Officer
[Dates of practice 2013-2018]
University of Leuven, Belgium

Offer advanced opportunities for every eligible patient and attract the best staff to treat them.

References:

1. Data from the ProteusONE user survey 2023.

References:

1. Data from Philips Ambient Experience surveys. This survey was conducted in another medical imaging setting which assumed similar results can be achieved with ProteusONE and MRI-CT settings.

ProteusONE is an accessible state-of-the-art proton therapy system that helps your patients keep everything but cancer

By investing in IBA and ProteusONE you can:

Create the future

Remain at the forefront of cancer treatment for decades to come

Elevate your center

Expand your center's capabilities while ensuring peace of mind

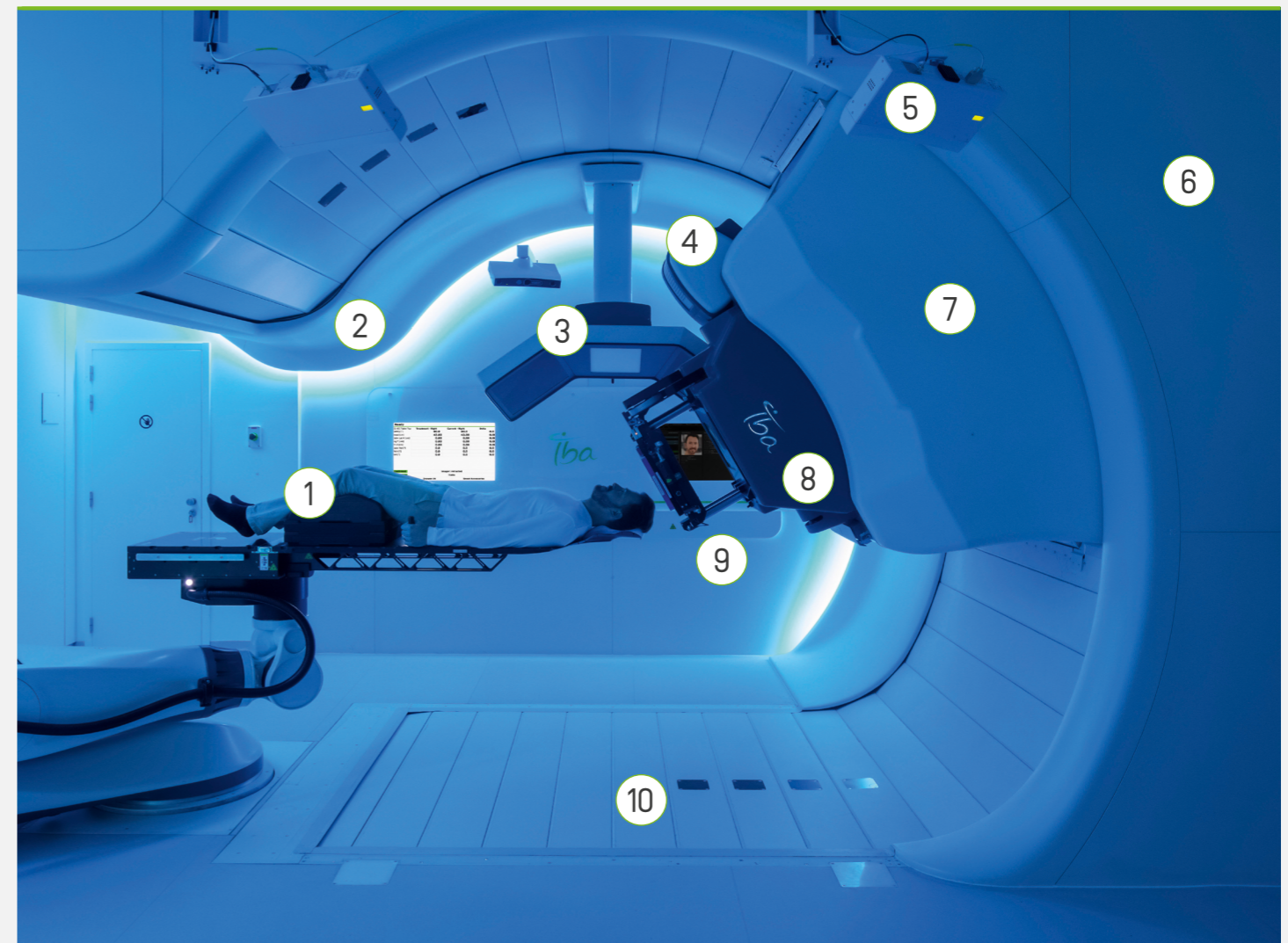
Change lives

Transform the world of cancer for your patients and the staff that treat them



"IBA has continually demonstrated innovation in the field of proton therapy and they were chosen for their unique ability to meet our department needs."

Lane R Rosen MD
Director of Radiation Oncology,
Willis Knighton Cancer Center, USA



Key benefits of ProteusONE

- 1 Full 360° open access environment to ease patient setup, treatment and anesthesia
- 2 Ambient Experience to support patient comfort and decrease anxiety
- 3 Unique instantaneous oblique imaging at isocenter, available all the time
- 4 Large field of view CBCT at isocenter
- 5 Unmatched interoperability with your choice of ancillary partners
- 6 AI-powered maintenance targeting 100% uptime
- 7 DynamicARC® & ConformalFLASH®-capable*
- 8 Pure PBS beam with clinically relevant field size to treat all PT indications
- 9 Remote & wireless operations to increase speed and staff comfort
- 10 Flat gantry floor for easy access to the patient, anytime

*ConformalFLASH® & DynamicARC® are registered brands of IBA's Proton Therapy which are currently under research and development. ConformalFLASH® and DynamicARC® will be available for sale when regulatory clearance is received. Due to a continuous research and development program, IBA reserves the right to make changes in design, technical descriptions, and specifications of its products without prior notice. Some features are under development and may be subject to review by competent authorities.



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