



## IBA initiates global DynamicARC® Consortium for the roll-out of Proton Arc Therapy

**Louvain-la-Neuve, Belgium, June 1, 2021** – IBA (Ion Beam Applications S.A., EURONEXT), the world's leading provider of proton therapy solutions, has highlighted its commitment to shaping the future of proton therapy by initiating a global DynamicARC®\* Consortium (DAC), in collaboration with leading clinical centers.

The objective of the consortium is to prepare for the clinical roll out of the DynamicARC® treatment modality within the proton therapy community using the Proteus® platform. Specifically, the DAC members will ensure that the treatment modality reaches its full potential in terms of dose conformality and patient throughput.

The founding members include representatives from key centers such as Beaumont Hospital – Royal Oak (United States), Baptist Health South Florida (United States), Quirónsalud (Spain), and University Medical Center Groningen (The Netherlands), as well as several other leading institutions.

With 37 centers in operation, IBA has the largest and most experienced user community in proton therapy with over 100,000 patients treated in the last 20 years. The consortium will leverage its collective experience to make DynamicARC® therapy a clinical reality.

**Prof Hans Langendijk, MD, PhD at UMC Groningen (The Netherlands) commented:** “DynamicARC® proton therapy offers a more targeted approach compared to photon-based techniques. It provides more flexibility in optimizing the conformality of the treatment to the tumor and will streamline further the treatment delivery improving drastically the patient experience.”

**Minesh Mehta, MD, Deputy Director & Chief of Radiation Oncology at Baptist Health Miami commented:** “The team here at the Miami Cancer Institute are honored to be part of the founding team of the DynamicARC® Consortium. Proton therapy innovations such as arc therapy will ultimately improve patients’ treatment options, with the potential of further reducing treatment-related side-effects.”

**Craig Stevens, MD, PhD, Chair of Radiation Oncology at Beaumont Proton Therapy Center commented:** “Since the first publication on the spot-scanning proton arc (SPArc) concept in 2016<sup>1</sup>, we have been thrilled to see the technology's rapid advancement at Beaumont, underpinned by our collaboration with IBA<sup>2</sup>. DynamicARC® should decrease treatment time, as well as allowing us to treat more patients with proton therapy. The consortium brings together a group of experts from the proton therapy community and we are pleased to share our latest proton arc research and development with our fellow members. We are delighted to be working together to advance the next generation of proton beam therapy.”

\*\*\* Ends \*\*\*



## About IBA

IBA (Ion Beam Applications S.A.) is a global medical technology company focused on bringing integrated and innovative solutions for the diagnosis and treatment of cancer. The company is the worldwide technology leader in the field of proton therapy, considered to be the most advanced form of radiation therapy available today. IBA's proton therapy solutions are flexible and adaptable, allowing customers to choose from universal full-scale proton therapy centers as well as compact, single room solutions. In addition, IBA has a radiation dosimetry business and develops particle accelerators for the medical world and industry. Headquartered in Belgium and employing about 1,500 people worldwide, IBA has installed systems across the world.

IBA is listed on the pan-European stock exchange NYSE EURONEXT (IBA: Reuters IBAB.BR and Bloomberg IBAB.BB). More information can be found at [www.iba-worldwide.com](http://www.iba-worldwide.com)

*\* DynamicARC is a registered brand of the IBA's Proton Arc therapy solution currently under research and development phase. It will be available for sale when regulatory clearance is received.*

## References:

1. Ding X, Li X, Zhang JM, *et al.* Spot-Scanning Proton Arc (SPArc) Therapy: The First Robust and Delivery-Efficient Spot-Scanning Proton Arc Therapy. *Int. J. Radiat. Oncol. Biol. Phys.* 2016;96:1107–1116.
2. Li X, Liu G, Janssens G, *et al.* The first prototype of spot-scanning proton arc treatment delivery. *Radiother. Oncol.* 2019;137:130–136.

## For further information, please contact:

### IBA

#### Aymeric Harmant

Global Marketing Director

+32 10 203 796

[global.marketing@iba-group.com](mailto:global.marketing@iba-group.com)

#### Olivier Lechien

Corporate Communication Director

+32 10 475 890

[communication@iba-group.com](mailto:communication@iba-group.com)

#### Consilium Strategic Communications

Amber Fennell, Angela Gray, Lucy Featherstone

+44 (0) 20 3709 5700

[IBA@consilium-comms.com](mailto:IBA@consilium-comms.com)