



## **IBA Group (ION BEAM APPLICATIONS)**

IBA, is a medical technology company which concentrates its activities on the fight against cancer through integrated and innovative solutions for the diagnosis and treatment of the disease.

The Group concentrates on four business activities:

### **Proton Therapy**

Proton therapy is considered to be the most advanced form of external radiation treatment available in the fight against cancer. With the unique dose deposition that proton therapy offers, it is possible to target the tumor more effectively while limiting the side effects. Protons deposit the majority of their energy within a controlled zone while limiting the impact on healthy tissues surrounding the tumor. The Proteus<sup>®</sup>ONE is a compact single-room solution that is more affordable while also being easier to install, operate and finance. Interest in this compact solution has grown rapidly.

### **Dosimetry**

IBA Dosimetry offers a full range of innovative Quality Assurance, Dose Calibration solutions and services that enable healthcare professionals around the world to measure and control imaging and treatment radiation dose to patients. IBA Dosimetry solutions are crucial in minimizing radiation therapy treatment errors and making diagnosis and patient treatments safer, more accurate and more effective.

### **RadioPharma Solutions**

IBA has developed in-depth experience in setting up medical radiopharmaceutical production centers. Based on this longstanding expertise, the IBA RadioPharma Solutions team helps nuclear medicine departments in hospitals and radiopharmaceutical distribution centers to design, build and operate a radiopharmacy.

### **Industrial Applications**

IBA Industrial, the world leader in electron accelerators, offers a unique range of E-beam, X-ray equipment and customized irradiation solutions for many applications including medical devices, sterilization, polymer enhancement (crosslinking) and food pasteurization.

### **Target**

IBA PT systems account for more 50% of the world's clinically based PT facilities. While proton therapy today accounts for less than 1% of radiation therapy treatments, studies estimate that at least 20%\* of radiation therapy patients would benefit from proton therapy. A large number of clinical trials are under way to demonstrate the benefits of proton therapy.

### **Major projects/partnerships/collaborations**

IBA is involved in several collaboration projects with universities, poles of activities and business partners. While IBA Proton therapy has been involved in two MecaTech and two BioWin projects, Project scopes are highly diversified: conceptual research like methodologies for treating moving tumors; technological development like a compact isocentric gantry

structure; on metrology and quality assurance such as dosimetry and treatment planning; or software development for patient scheduling. IBA has also a dedicated Advanced Technology Group driven by the R&D department to anticipate, identify and evaluate future technologies. IBA accounts for 150+ intellectual properties.

### **Key figures**

- IBA was founded in 1986.
- 2015 turnover = EUR 270 million
- 1,431 employees worldwide
- Listed on the Euronext Stock exchange

### **Contact**

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