



## Puebla hospital advances Imaging and Radiation Therapy Quality Assurance in Mexico using IBA Dosimetry solutions

*High-end QA solutions, including Dolphin® transmission detector, position Puebla hospital as a leading healthcare center in Latin America, ensuring safer diagnostic imaging and RT.*

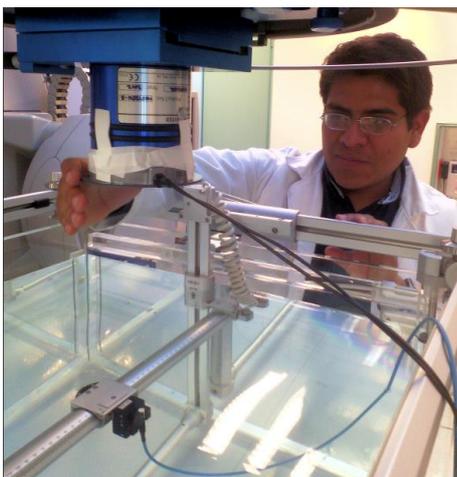
**Puebla, Mexico, November 02, 2017** – IBA (Ion Beam Applications S.A.), the world’s leading provider of proton therapy solutions and radiation therapy integrated quality assurance (QA) for the treatment of cancer, announces the clinical implementation of cutting edge QA solutions to provide unsurpassed patient safety and treatment quality in diagnostic imaging and radiation therapy (RT).

The hospital’s expert RT team has successfully validated and clinically implemented the **Dolphin® transmission detector**. With the clinical use of Dolphin, the hospital now initiates a **new QA standard for improved efficiency and patient treatment quality**.



*“Because of the Dolphin detector’s easy setup and measurement speed, it has been possible to implement this highest standard of patient treatment QA at our institution. With Dolphin, we can now reconstruct the treatment doses in 3D in the patient anatomy and compare it with the TPS plan using real dose-volume histograms (DVH),” says **Eva Medel-Báez, Medical Physicist at Puebla Hospital.***

*She continues, “With the experience we gained using the IBA Dosimetry equipment, we have established ourselves as a competence center to provide advanced quality assurance trainings to other Mexican and Latin American healthcare centers”.*



To meet the high-precision demands of the hospital’s new Radiosurgery (SRS/SBRT) program, the team in Puebla has conducted the Linac commissioning with IBA Dosimetry’s Stealth™ chamber.

Using the unique Stealth chamber, the team conducted a much faster and more precise beam scanning than what would have been possible with conventional solutions.

Press release | 02/NOV/2017

**IBA | Dosimetry GmbH**

Bahnhofstr. 5 | 90592 Schwarzenbruck | Germany | T +49 9128 607 0 | F +49 9128 607-10

Registration Court: Local Court (Amtsgericht) Nürnberg, HRB 4262

Managing Directors (Geschäftsführer): Olivier Legrain, Robby Plompen

[Dosimetry-info@iba-group.com](mailto:Dosimetry-info@iba-group.com) | [www.iba-dosimetry.com](http://www.iba-dosimetry.com)

**PROTECT +  
ENHANCE +  
SAVE LIVES**



The team at Puebla Hospital has also implemented IBA Dosimetry's Multimetric MagicMaX for all their **diagnostic imaging QA in Radiology** (X-ray, Mammography) as well as for their imaging devices in Radiation Therapy, such as the CT Sim and the Cone-Beam-CT on the linac.

*"We are proud to have the team at Puebla Hospital as our customers and partners to provide quality assurance and patient safety at the highest standards in Mexico and Latin America," says **Ralf Schira, Vice President Global Marketing at IBA Dosimetry.** "We are excited to support the team in providing advanced training to other hospitals in the region."*

\*\*\*end\*\*\*

## About the Dolphin® System

Dolphin is a complete solution to detect and verify possible treatment dose discrepancies, thus allowing for a more efficient and safer radiation therapy. This improvement is based on Dolphin's high treatment dose measurement resolution. Highly complex IMRT and rotational treatment plans are delivered and measured with the Dolphin transmission detector prior to each patient treatment. A sophisticated TPS-Class software allows verification of dose deviations in 3D patient anatomy, between the planned and actual delivered dose. The Dolphin system, including detector and software, is "online ready" and currently used for pre-treatment QA. The system will be capable of measuring the actual patient treatment dose in online mode, fraction by fraction. The online capability is currently pending release.

## About IBA Dosimetry

IBA Dosimetry GmbH innovates radiation therapy, proton therapy and diagnostic imaging through integrated Quality Assurance solutions that are efficient and intuitive, providing peace of mind for healthcare professionals and patients around the world. The myQA® Global QA Platform is the backbone for **Integrated Quality Assurance** solutions. IBA Dosimetry has more than 220 international employees in four offices in Germany, France, China and USA.

Find more information at [www.iba-dosimetry.com](http://www.iba-dosimetry.com)

## 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 also 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)

Press release | 02/NOV/2017

## IBA | Dosimetry GmbH

Bahnhofstr. 5 | 90592 Schwarzenbruck | Germany | T +49 9128 607 0 | F +49 9128 607-10

Registration Court: Local Court (Amtsgericht) Nürnberg, HRB 4262

Managing Directors (Geschäftsführer): Olivier Legrain, Robby Plompen

[Dosimetry-info@iba-group.com](mailto:Dosimetry-info@iba-group.com) | [www.iba-dosimetry.com](http://www.iba-dosimetry.com)

PROTECT +  
ENHANCE +  
SAVE LIVES



**Contact:**

Magdiel Batista  
Sales Manager Latin America, IBA Dosimetry  
Magdiel.Batista@iba-group.com

Instituto Mexicano del Seguro Social  
Centro Médico Nacional, Gral. de Div. Manuel Ávila Camacho. Hospital de Especialidades.  
2 Norte # 2004, Col. Centro. Puebla, Puebla, México 72000  
Tel. + 52 222 2423079.  
[www.imss.gob.mx](http://www.imss.gob.mx)

Press release | 02/NOV/2017

**IBA | Dosimetry GmbH**

Bahnhofstr. 5 | 90592 Schwarzenbruck | Germany | T +49 9128 607 0 | F +49 9128 607-10  
Registration Court: Local Court (Amtsgericht) Nürnberg, HRB 4262  
Managing Directors (Geschäftsführer): Olivier Legrain, Robby Plompen  
[Dosimetry-info@iba-group.com](mailto:Dosimetry-info@iba-group.com) | [www.iba-dosimetry.com](http://www.iba-dosimetry.com)