



## Press release |

### **IBA PROVIDES RADIATION THERAPY COMMISSIONING SERVICES FOR CAPE COD HOSPITAL**

*Fastest commissioning tools in the industry enable earlier patient treatment*

**Schwarzenbruck, Germany, and Vancouver, B.C., August 1, 2011** – [IBA](#) announced today at the American Association of Physicists in Medicine (AAPM) Annual Meeting in Vancouver that it has enabled Cape Cod Hospital in Hyannis, Massachusetts to open its hospital's radiation therapy vault quickly and efficiently and therefore treat a greater number of cancer patients. IBA provided radiation therapy commissioning services with its [Blue Phantom<sup>2</sup>](#) solution and advanced [Linear Diode Array \(LDA-99\)](#) technology, the fastest commissioning tools in the industry.

The Blue Phantom<sup>2</sup> water phantom, when equipped with the optional LDA-99 accessory, provides advanced technology that shortens the time between installation and clinical use of new radiation therapy equipment. Compared to traditional methods, where only one detector measures the dose output of the linear accelerator in a lengthy point-by-point approach, the LDA-99 [measures](#) an entire dose profile at once—quick data collection that reduces staff time and allows for a swifter start to patient treatment.

"IBA was the natural choice for commissioning our new Varian IX," said Gabor Menyhart, chief physicist at Cape Cod Hospital. "With market leading equipment like the Blue Phantom paired with IBA's track record of quality work and expertise in commissioning, we had no doubt that the project would go just fine, and we are now planning to have our Truebeam commissioned with IBA in fall 2011. The process before, during and after the commissioning and data modeling was highly efficient—IBA did the whole data collection in just five days using advanced linear diode array technology, which helped us open our Linac vault faster than anticipated."

"IBA's expertise in commissioning a variety of different linacs and treatment planning systems enables hospital radiation therapy departments to commission new equipment more efficiently and win crucial treatment time," said Shane Lovell, physics service manager at IBA. "Our fast, accurate and reliable commissioning tools are supported by a team of experts: from scanning, books and modeling, to customer follow-up, IBA provides all necessary equipment—calibrated and tested by its in-house staff—along with a professional scanning engineer to ensure that all data collection is performed smoothly."

With increasingly complex treatment machines such as rotational therapy and high dose rates, commissioning equipment is a time consuming, highly technical operation. Precise commissioning measurements are crucial to ensure accurate patient planning and treatment, and many hospitals seek this service to support their radiation therapy teams and medical physicists.

Cape Cod Hospital, located in Hyannis, Massachusetts, is a 259-bed acute care hospital. Its emergency department is one of the busiest in New England, providing emergency services to 84,000 patients on an annual basis. This not-for-profit regional medical center has over 1,700 employees and 300 physicians on staff.

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**About IBA**

IBA's dosimetry activities offer a full range of innovative solutions for radiotherapy, radiodiagnostics, calibration service and imaging markers. Its measuring instruments and software enable medical physicists and radiologists to perform the necessary quality assurance and calibration procedures.

IBA develops and markets leading-edge technologies, pharmaceuticals and tailor-made solutions for healthcare with a focus on cancer diagnosis and therapy. Leveraging on its scientific expertise, IBA is also active in the field of industrial sterilization and ionization. Listed on the pan-European stock exchange EURONEXT, IBA is included in the BelMid Index. (IBA: Reuters IBAB.BR and Bloomberg IBAB.BB).

Please visit [www.iba-dosimetry.com](http://www.iba-dosimetry.com) and [www.iba-worldwide.com](http://www.iba-worldwide.com) for more information about IBA.

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