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**FOR IMMEDIATE RELEASE**

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## **Mitsubishi Electric to Install Proton Beam Therapy System at Tsuyama Chuo Hospital in Okayama, Japan**

**TOKYO, October 1, 2013** – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it has signed an agreement to provide its innovative proton beam therapy system for cancer treatment to Tsuyama Chuo Hospital located in Okayama (a part of Tsuyama Jifu Group, Yoshinori Ukita, President). This will be the first particle therapy system in the Chugoku-Shikoku region, significantly expanding access to patients in southern Japan. The system will be part of a new treatment center expected to open in March 2016 that will be jointly operated with Okayama University.



Rendering of Proton Beam Therapy System

### **Proton Beam Therapy System**

The proton system features the new Universal Nozzle with high dose-rate capability. Testing is being performed at the in-house proton beam facility at Mitsubishi Electric's Kobe factory to obtain Government approval in a timely manner. Mitsubishi Electric also provides staff training and commissioning support to facilitate the early start up of treatment.

### **New Treatment Center**

Okayama University / Tsuyama Chuo Hospital Proton Beam Cancer Center, is located on the campus of Tsuyama Chuo Hospital (Shigeatsu Fujiki, Chairman), and will be operated jointly with Okayama University (Kiyoshi Morita, President). Tsuyama Chuo Hospital and Okayama University Medical School, Department of Radiation Oncology (Susumu Kanazawa, Professor and Department Chairman) will assume central roles in proton beam therapy, clinical research and education at the new facility.

To date, Mitsubishi Electric has installed systems at eight of the 11 particle therapy facilities in Japan, and more than 16,000 patients have been treated at these facilities. Tsuyama Chuo Hospital will be the ninth facility to install a Mitsubishi Electric particle therapy system.

Mitsubishi Electric will continue to provide and develop advanced particle therapy systems for use worldwide, and is committed to providing superb operational and maintenance support.

Facility	Prefecture	Year	Ion Species
National Institute of Radiological Sciences (Main contractor: Mitsubishi Electric)	Chiba	1994	carbon
Hyogo Ion Beam Medical Center	Hyogo	2001	proton/carbon
Shizuoka Cancer Center	Shizuoka	2003	proton
Southern TOHOKU Proton Therapy Center	Fukushima	2008	proton
Gunma University Heavy Ion Medical Center	Gunma	2010	carbon
Fukui Prefectural Hospital Proton Beam Cancer Treatment Center	Fukui	2011	proton
Medipolis Medical Research Institute	Kagoshima	2011	proton
SAGA Heavy Ion Medical Accelerator in Tosu	Saga	2013	carbon
Okayama University / Tsuyama Chuo Hospital Proton Beam Cancer Center	Okayama	2016 (plan)	proton

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### **About Mitsubishi Electric**

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 3,567.1 billion yen (US\$ 37.9 billion\*) in the fiscal year ended March 31, 2013. For more information visit <http://www.MitsubishiElectric.com>

\*At an exchange rate of 94 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2013