

Photo



Short Biography

Hidetoshi Shimizu, Ph.D.

I joined the faculty of Department of Radiation Oncology at Aichi Cancer Center Hospital in 2006, where I currently works as a chief Medical Physicist. My main job here is quality control and treatment planning for Tomotherapy. I have achieved 15 years' experience on Tomotherapy from Hi-Art system to Radixact system. Based on the experience, I have published several papers and book chapters related to Tomotherapy.

In 2011, the Medical Physics Working Group of the JCOG-RTSG (the first medical-physics-related verification system in Japan) was established to support the JCOG multicenter clinical trials using radiotherapy. As a member, I have performed credentialing of participating institutions in various JCOG multicenter clinical trials.

In 2020, I obtained my Ph.D. in radiology from Gunma Prefectural College of Health Sciences.

Topic name for tomotherapy

Tomotherapy: Key concept, clinical adaptation, and recent research regarding the treatment

planning