Survey Results concerning the 6th GI-CORE Summer School for Medical Physics 2019 and the 2nd Hokkaido Summer Institute -Medical Physics School- 2019

23 August 2019

Global Station for Quantum Medical Science and Engineering

The 6th GI-CoRE Summer School for Medial Physics was jointly conducted with Medical Physics School which is one of the courses offered by Hokkaido Summer Institute (HSI) between 19th-23rd August 2019.

This year, we welcomed 10 participants in the GI-CoRE Summer School and 8 participants in Medical Physics School of HSI from 11 different countries, namely, USA, Canada, Italy, Vietnam, Thailand, Philippines, Korea, Ghana, Brazil, Turkey and Japan. Some of the chapters were jointly conducted with radiation Biology course and were lecturer by renowned professors and doctors. During the course, we provided lecture style class, practical training such as treatment planning and QA, research presentation, also visited The Proton Beam Therapy Center of Hokkaido University Hospital.

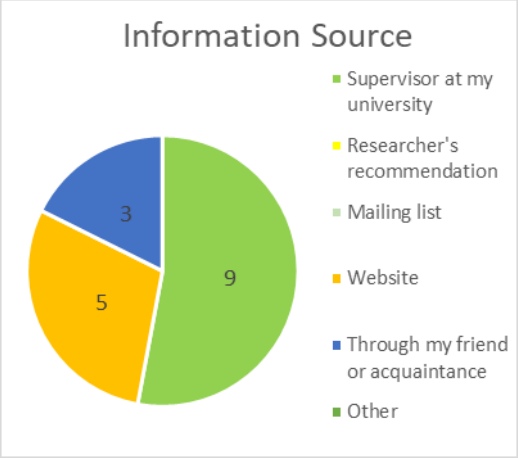
The participants have successfully completed the course and were awarded a certificate of completion on the last day of the course.

The survey was conducted after the last lecture. Although we received positive feedback in general, there were some areas for potential improvement identified in the responses.

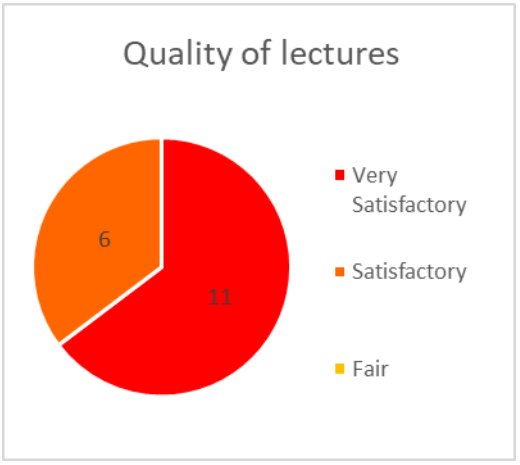
Please find further details from the graphs and comments below.

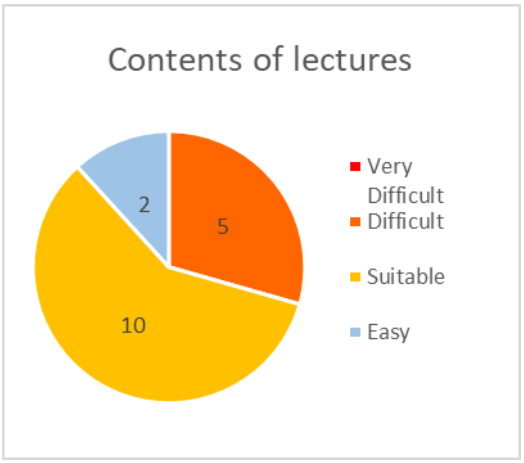
1. Source of Information

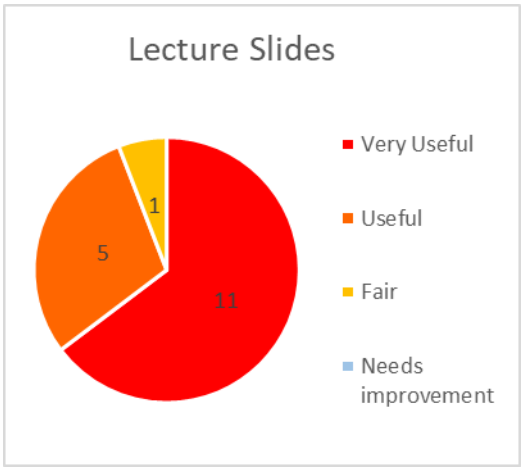
How did you learn about that GI-CoRE Summer School was recruiting participants?



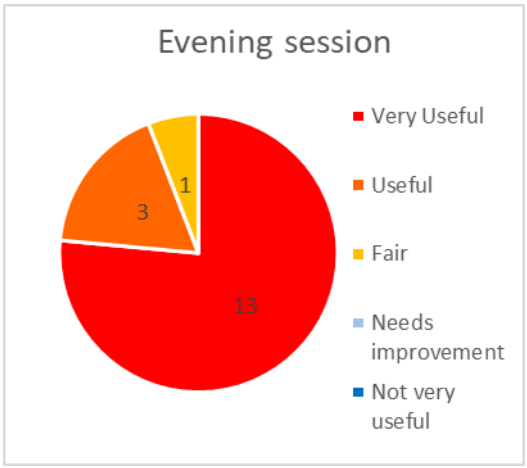
2. Lecture, Practical Training and Booklet



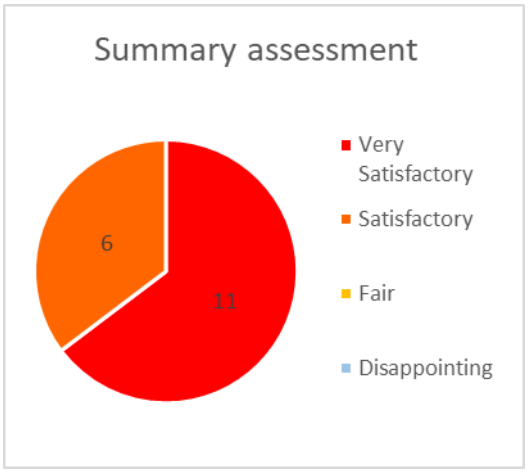




3. Evening Session



4. Summary Assessment



5. Free Comments from the Participants

- The Summer School is very useful for me. The lectures are informative for attendees from all levels. In addition to the theoretical lectures, the practical training sessions are very satisfactory and supportive for the theory. Moreover, with the summer school, we have a chance to meet colleagues from different counties.
- I think 1-hour 30min. lecture time is very long.

- The summer school was very informative for me. As physicist, seeing the therapy conditions and having a chance to be trained by the system were both very important and valuable for me. Everything was very-organized and planned for the participants.
- I would like to thank the Hokkaido university for this amazing course.
- Some early lectures by researchers felt more theoretical rather than based on clinical experiences (i.e. SBRT/IGRT on day 2)
- I would like to suggest that there should be the power outlet in the room for computer charging.
- I honestly believe it was a well-organized school. The lecturers and demonstration were top class. I do not have a comment on improvement at this stage, but rather is say a big thank you is the organizing team, it is a well-executed summer school. Congratulations.
- More time needs to be allocated to practical sessions.
- There are slides with incomplete texts
- This was a wonderful session that advanced my knowledge of particle beam therapy.
- It would be great if you can provide a guide printed on paper about the information of vegetarian restaurants in the city. I found difficult to locate vegetarian restaurants sometimes.

6. Most Impressive Lecture

- The Practical training lectures in Proton Beam Therapy Center are the most impressive lectures for me. Through these lectures, we had a chance to observe how the application of proton therapy is carried out, so they are also very useful to understand the theory.
- The lecture of Prof. Umegaki.
- It was the lecture of Prof. Umegaki which entitled as Proton Treatment System in Hokkaido University.
- Recent advances in cancer radiotherapy using molecular imaging and radioisotopes (Dr. Yasui)
- Proton therapy treatment planning, Does calculation algorithms for Spot Scanning Proton Therapy, Practical considerations.
- Practical training session.
- Experience from professors.
- All lectures are very informative.
- The most impressive lecture was “Proton Treatment System in Hokkaido University” which was given by Prof. Kikuo Umegaki. I admire how he link with lecture a tour of the proton facility. However short it was, it was very nice.
- I cannot single out any lecture as all their lectures were very impressive.
- RTRT, Spot scanning therapy and practical training are very satisfactory as well.
- The most impressive lecture for me was “Recent advances in cancer radiotherapy using molecular imaging and radioisotopes” by Dr. Yasui because maybe for the first time I could interact with this type of topic.
- I really love Prof. Shirato lectures that give me the opportunity to improve my knowledge about real-time RT systems in RT and Proton therapy world. This lecture was very inspiring and able to unlocks the door to new age of research in Proton Therapy.
- It’s difficult to choose as I like most of lectures full of knowledge and I really thank speakers for putting a lot of hard work behind the slides.

- “Proton Treatment System in Hokkaido University“ by Prof. Kikuo Umegaki and “Overview of Radiation Therapy“ by Prof. Shirato were the most impressive lectures.
- Real time verification of the treatment using fiducial markers.