

INTERNATIONAL RADIATION DOSIMETRY COMPETITIONS

Head and Neck - Nasopharyngeal Tumor

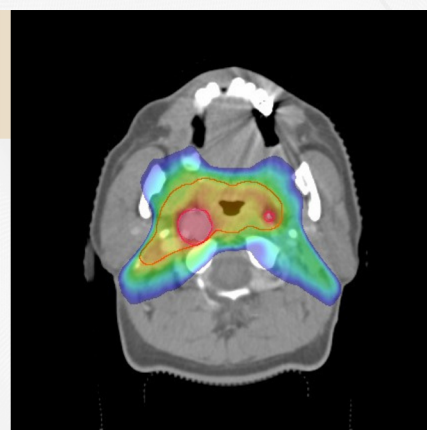
2017 INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA) PLAN COMPETITION: NASOPHARYNGEAL TUMOR

In 2017, the International Atomic Energy Agency (IAEA) and Radiation Knowledge held an international radiation therapy dosimetry competition. Medical professionals from around the world were invited to participate. The competition focused on computing a radiotherapy plan for a patient with nasopharynx cancer. The main difficulty was the tumor's proximity to vital structures such as optic nerve and brainstem, making the planning procedure complex and challenging.

The IAEA aimed to find an optimal treatment approach. The winning plans were published and presented at the International Conference on Advances in Radiation Oncology (ICARO2) to foster experience sharing and advance the dosimetry skills among professional teams around the world.

COMPETITION DETAILS

Type of Disease:	Nasopharynx cancer
Organization:	Radiation Knowledge
Recognized by:	International Atomic Energy Agency, IAEA
Number of Participants:	1660 healthcare professionals
Result Announcement:	International Conference on Advances in Radiation Oncology (ICARO2) on June 20th, 2017



Ranking Obtained	Name	Total Score = 100
1	Philip C.Y. Mak	99.5
5	Alex K.L. Li	98.7
10	Will T.W. Mok	97.2
17	Matthew S.C. Yik	95.3

References

- Radiation knowledge:
<https://radiationknowledge.org/>

