

INTERNATIONAL RADIATION DOSIMETRY COMPETITIONS

Head - Facial Tumor

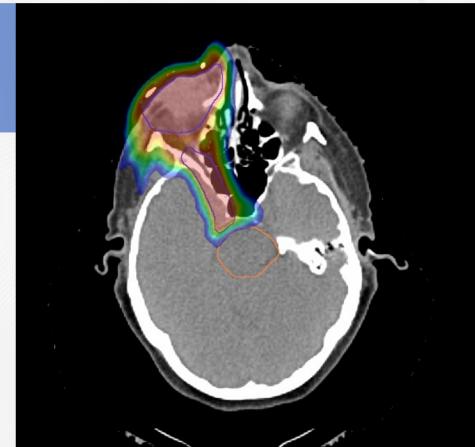
2024 AMERICAN ASSOCIATION OF MEDICAL DOSIMETRISTS (AAMD) PLAN COMPETITION: FACIAL TUMOR

In 2024, the American Association of Medical Dosimetrists (AAMD) and ProKnow 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 62-year-old patient with recurrent facial squamous cell carcinoma. 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 AAMD aimed to find an optimal treatment approach. The winning plans were published and presented at the AAMD annual meeting to foster experience sharing and advance the dosimetry skills among professional teams around the world.

COMPETITION DETAILS

Type of Disease:	Recurrent facial squamous cell carcinoma
Organization:	ProKnow
Recognized by:	American Association of Medical Dosimetrists, AAMD
Number of Participants:	210 healthcare professionals
Result Announcement:	AAMD 49th Annual Meeting in St. Louis, MO, on June 10th, 2024.



Ranking Obtained	Name	Total Score = 150
1	Alex K.L. Li	146.35
3	Keith C.Y. Kwong	146.30
9	Stephen K.W. To	145.47

References

- **AAMD 49th Annual Meeting:** <https://www.medicaldosimetry.org/meetings/aamd-presentation-archives/aamd-49th-annual-meeting/>
- **ProKnow:** <https://proknowsystems.com/planning/studies/65fb24adcb40172e2b1ace252104672a/instructions>
- **The Future of Medical Dosimetry: Insights from AAMD Plan Challenge Winner Justin Macal:** <https://campphysics.com/resources/the-future-of-medical-dosimetry-justin-macal/>