

# INTERNATIONAL RADIATION DOSIMETRY COMPETITIONS

## Liver Tumor

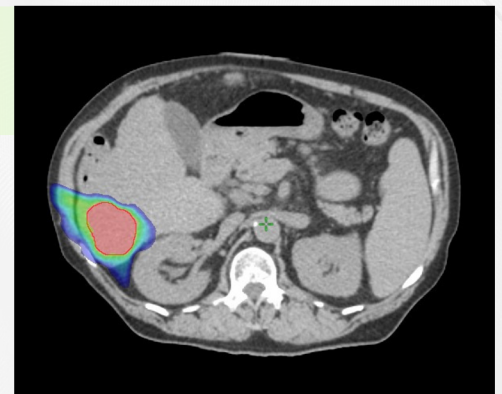
### 2020 TRANS-TASMAN RADIATION ONCOLOGY GROUP (TROG) PLAN COMPETITION: LIVER TUMOR

In 2020, the Trans-Tasman Radiation Oncology Group (TROG) 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 stereotactic body radiation therapy (SBRT) plan for a patient with two liver tumors. The main difficulty was the tumor's proximity to vital structures such as pancreas and stomach, making the planning procedure complex and challenging.

The organizers aimed to find an optimal treatment approach. The winning plans were published at the Elekta website to foster experience sharing and advance the dosimetry skills among professional teams around the world.

### COMPETITION DETAILS

<b>Type of Disease:</b>	Liver Cancer
<b>Organization:</b>	ProKnow
<b>Recognized by:</b>	Trans-Tasman Radiation Oncology Group (TROG)
<b>Number of Participants:</b>	137 healthcare professionals
<b>Result Announcement:</b>	Elekta website on March 17th 2020



Ranking Obtained	Name	Total Score = 150
7	Gary K.Y. Tso	148.43
13	Alex K.L. Li	148.04

#### References

- **Elekta:**  
<https://www.elekta.com/products/radiation-therapy/proknow-news/2020-trog-plan-study-contouring-workshop-results/>
- **ProKnow:**  
<https://proknowsystems.com/planning/studies/5e2212cee4c0bbcc5520e4722010564f/instructions>