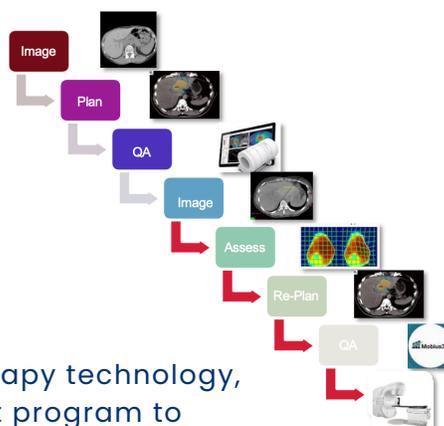
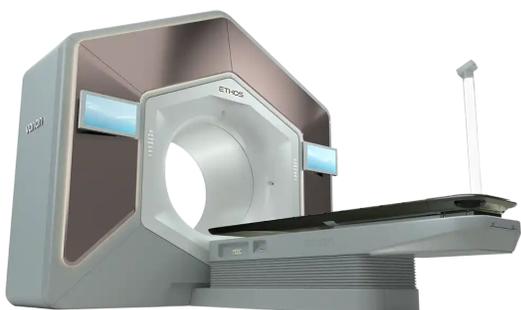


# RADIATION ONCOLOGY

## CLINIC UPDATES

### *Online CT-based Adaptive Radiation Therapy (OART)*

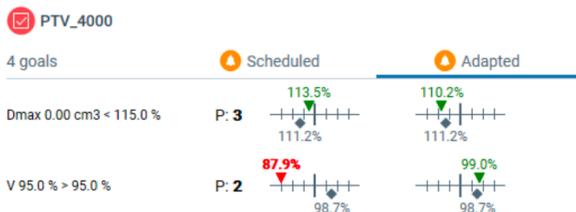
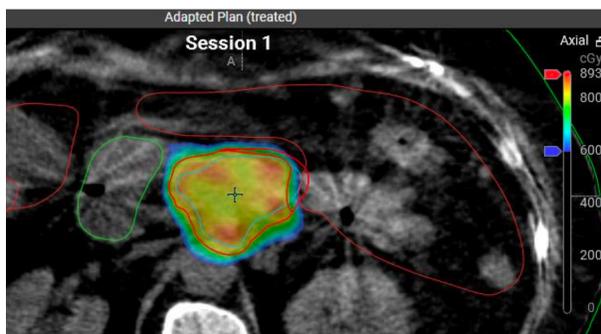
Using artificial intelligence, we are able to quickly re-plan patients while they are on the treatment machine. Columbia is at the forefront of adaptive RT planning, and to date we have completed over 800 adaptive treatments in our department.



Using the Varian ETHOS online adaptive radiotherapy technology, we are rapidly expanding our adaptive treatment program to include:

- Pancreas SBRT
- Rectum
- Anus
- Bladder
- Prostate SBRT
- Cervix
- Esophagus
- Head and Neck
- Kidney

Here you can see one of our pancreas SBRT plans with the adapted plan resulting in improved coverage as well as bowel sparing.



[Read More](#)

