

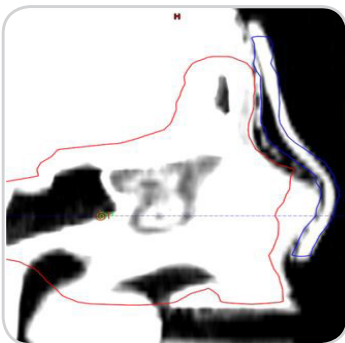
Uniform Thickness Bolus

Designed in the treatment planning system for use with photon or electron radiotherapy. The custom-fit eliminates air gaps associated with traditional bolus, improving treatment accuracy.

Key Benefits

- Perfect fit eliminates air gaps and resultant surface dose uncertainty
- Optimized fabrication process through in-house 3D printing
- Centres can allocate resources more efficiently and treat more patients.
- Post-processing editing features available for the user to customize bolus
- Cropping Function ensures a smooth adhesion to the print bed
- Smoothing Function decreases patient discomfort
- Patient ID Tag Function enables the centre to identify the patient in which the bolus belongs, allowing the device to be used for multiple fractions

NEW!



Nasal Case: Standard fit bolus



Reduction in air gaps reduced using 3D printed bolus.

“Adaptiiv has enabled us to confidently tackle situations where we would normally struggle to apply bolus. The benefit has already been seen in setup times, comfort and reproducibility. The ability to print the precise bolus required for electrons or photons is a powerful tool in an RT department.”

– Ciaran Malone, Medical Physicist St. Luke's Radiation Oncology Network, Dublin Ireland


ADAPTIIV
FORMERLY 3D BOLUS


CIVCO®
Radiotherapy

Clinical Benefits

	Radiation Oncologist	Medical Physicist	Radiation Therapist / Dosimetrist	Administrator
Patient Consult	Highlight new, accurate technology during a consult with patients.			
Patient Setup Prior to Imaging			Increase in time efficiency to prepare patients for treatment. Eliminate the need to manually fabricate bolus.	Patient-specific complex devices that meet requirements for existing billing codes.
CT Imaging				Eliminate the need to fabricate bolus in the CT suite thereby increasing capacity.
Treatment Planning	Fit reflected in CT will be the same as on Tx unit. This is not true of conventional methods such as Superflab.	Fit reflected in CT will be the same as on Tx unit. This is not true of conventional methods such as Superflab.		
Plan Quality Assurance		Rigorous methods for pre-Tx QA of bolus and placement on patient (CT, CBCT).		
Patient Setup at Tx Unit	Increases efficiencies leading to increased throughput and capacity.			Increases efficiencies leading to increased throughput and capacity.
Image Guidance	CBCT can be used to assess conformity.	CBCT can be used to assess conformity.	CBCT can be used to assess conformity.	
Treatment Delivery	Improved accuracy of dose delivery to surface.			

Adaptiiv is ISO 13485 certified, has received a CE Mark and is FDA 510k cleared to market 3D Bolus Software in the U.S.

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