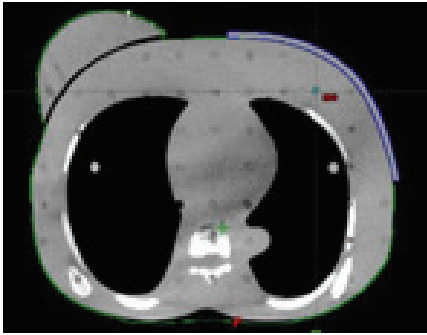


# Adaptiiv On Demand Clinical Workflow - Bolus

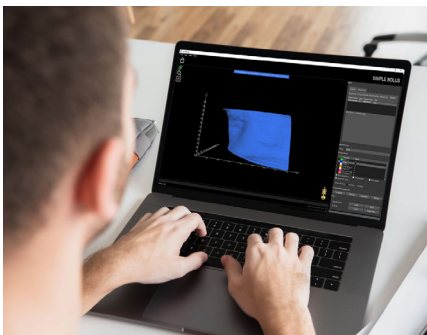
Bolus should never be one size fits all. Adaptiiv software uses patient DICOM data incorporated from TPS to design a digital bolus model that can be 3D printed.



## TREATMENT PLAN

Create a Plan in the TPS:

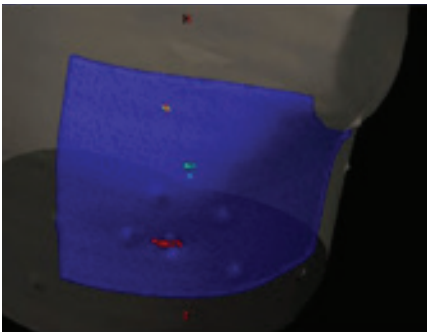
1. Generate a bolus structure in the TPS using the radiation oncologist's dose prescription.
2. Prepare the DICOM CT, DICOM RT structure set, and DICOM RT plan for export.



## CUSTOMIZE DESIGN

Create a Bolus in 3D Bolus Software:

1. Import the DICOM dataset that was created in the TPS.
2. Create the bolus model by selecting the TPS bolus structure using the 'Select Structures' drop-down menu.
3. Customize the bolus model using 3D Bolus software's advanced post-processing and structure editing tools.



## VERIFY THE PLAN

Bolus Verification in the TPS:

1. Import the new DICOM structure set containing the bolus model into the TPS.
2. In the TPS verify the bolus model by comparing it to the original bolus. Ensure the new bolus is used for dose calculation.



## PLACE ORDER

Export Bolus STL File and Place Order for Shipment

1. Click the Order Online button in the Export/3D Print panel to export the bolus STL file for 3D printing.
2. The bolus is 3D printed using HP's Multi Jet Fusion printing technology. Quality control measures are performed to ensure printing occurred as expected.
3. The bolus is delivered directly to the clinic.