

Implementing SGRT on All Electron Set-ups

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June 6th, 2025

Disclaimer

- We are a COE for AlignRT.
- All information provided today is based on our workflows.
- We did utilize recommendations from AlignRT; These recommendations are available to everyone who uses their system.



Agenda

1. Understand the process of utilizing SGRT for clinical electron set ups.
2. Understand the process of utilizing SGRT for CT planned electron set-ups.
3. The benefits and advantages of implementing SGRT on all electron set ups.



Who We Are

SSM Health St. Mary's Hospital—Janesville

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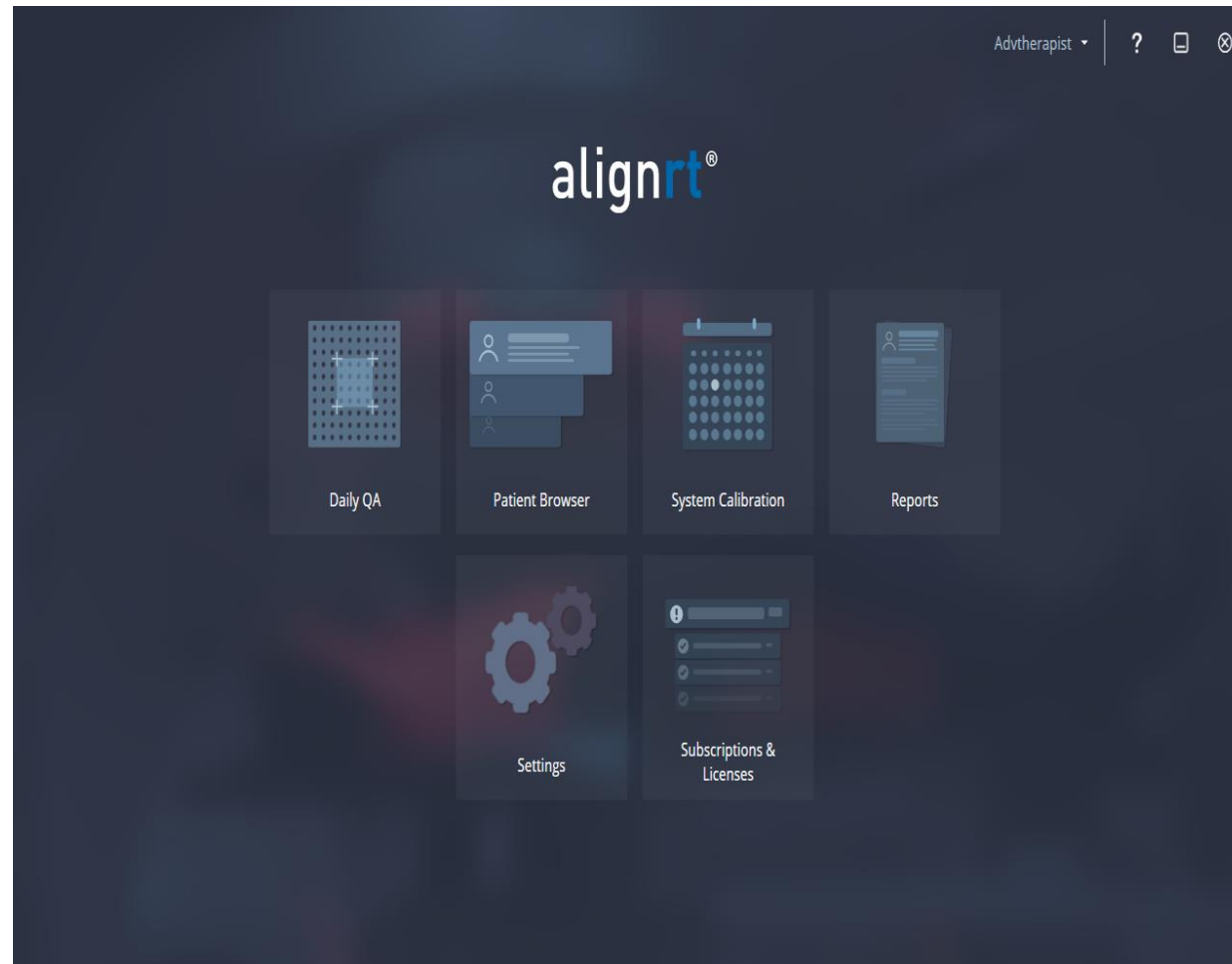


Radiation Oncology



Utilizing SGRT for Clinical Set-ups

Clinical Simulation



Clinical Simulation

Search Patients...

Patient Browser

Advtherapist ? [icon] [icon]

Filter by Type:

All Patients

New Plans Received

Inactive

Active

Show Patients Modified After:

Start [calendar icon]

Clear Filters

Patient Name	Patient ID	DoB	Last Modified	Patient Status
			05/12/2025 10:28	Active
			05/12/2025 08:53	Active
			05/12/2025 12:29	Active
			05/12/2025 08:46	Active
			05/09/2025 10:38	Active
			05/12/2025 14:06	Active
			05/12/2025 12:15	Active
			04/22/2025 11:04	Active
			05/12/2025 09:52	Active

+ Add Patient

Clinical Simulation

Add Patient

Import a new patient via DICOM

Browse...

OR

First Name

First Name

Middle Name

Middle Name

Last Name

Last Name

Patient ID

Patient ID

Gender

Gender

DoB

Select a date

Save

Cancel

Clinical Simulation

Patient Browser

Advtherapist ? [Icons]

Patient Name	Patient ID	DoB	Last Modified	Patient Status
[Redacted]	[Redacted]	[Redacted]	05/12/2025 14:52	Active

Filter by Type:

- All Patients
- New Plans Received
- Inactive
- Active

Show Patients Modified After:

Start [Calendar Icon]

Clear Filters

Preparation Treatment Report Edit

Mark as Inactive
Unlock Patient
Treat Without Plan

+ Add Patient

No DICOM Plan

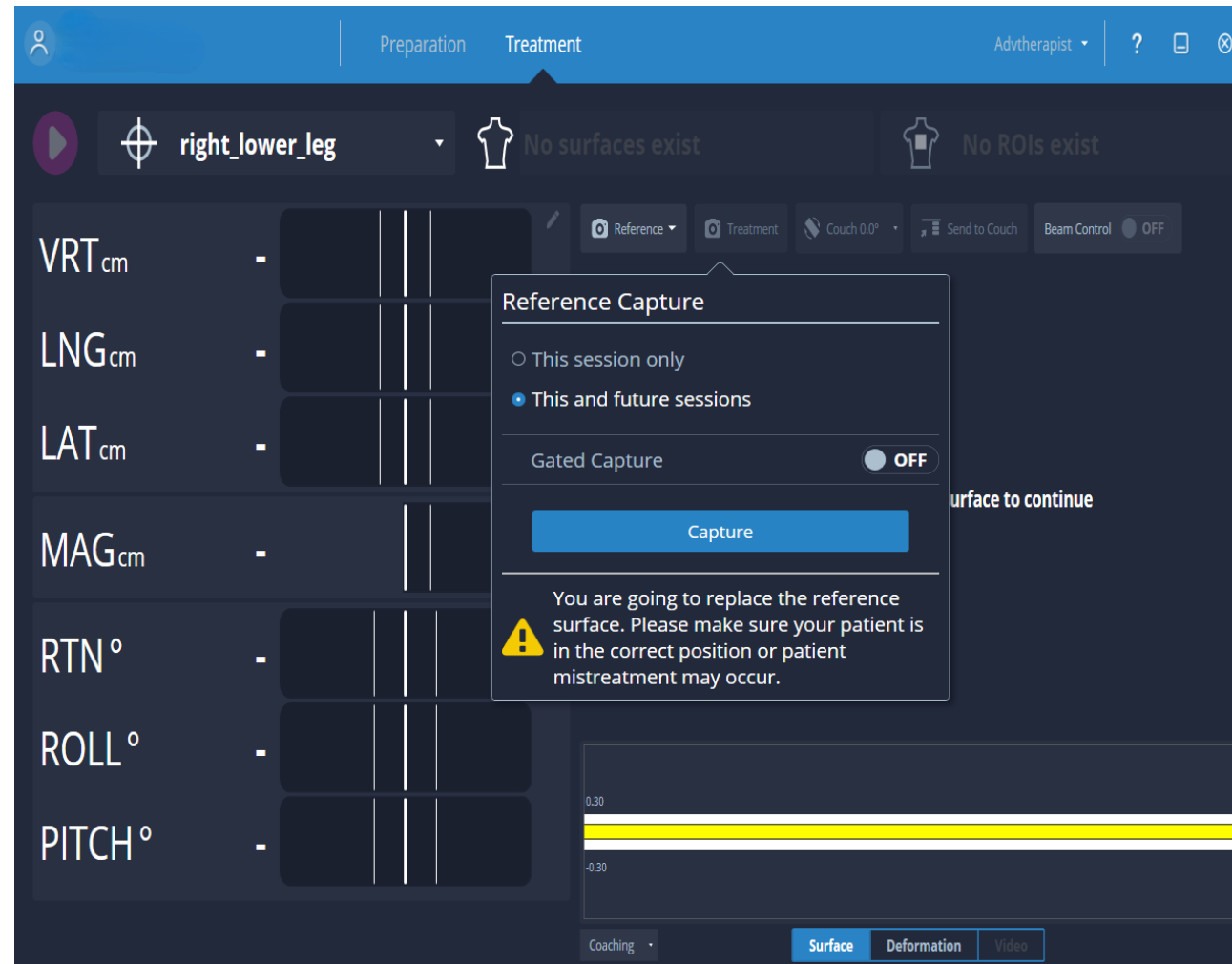
You are entering Treatment without an imported DICOM plan.
Do you wish to continue?

Plan Name: [Text Field]

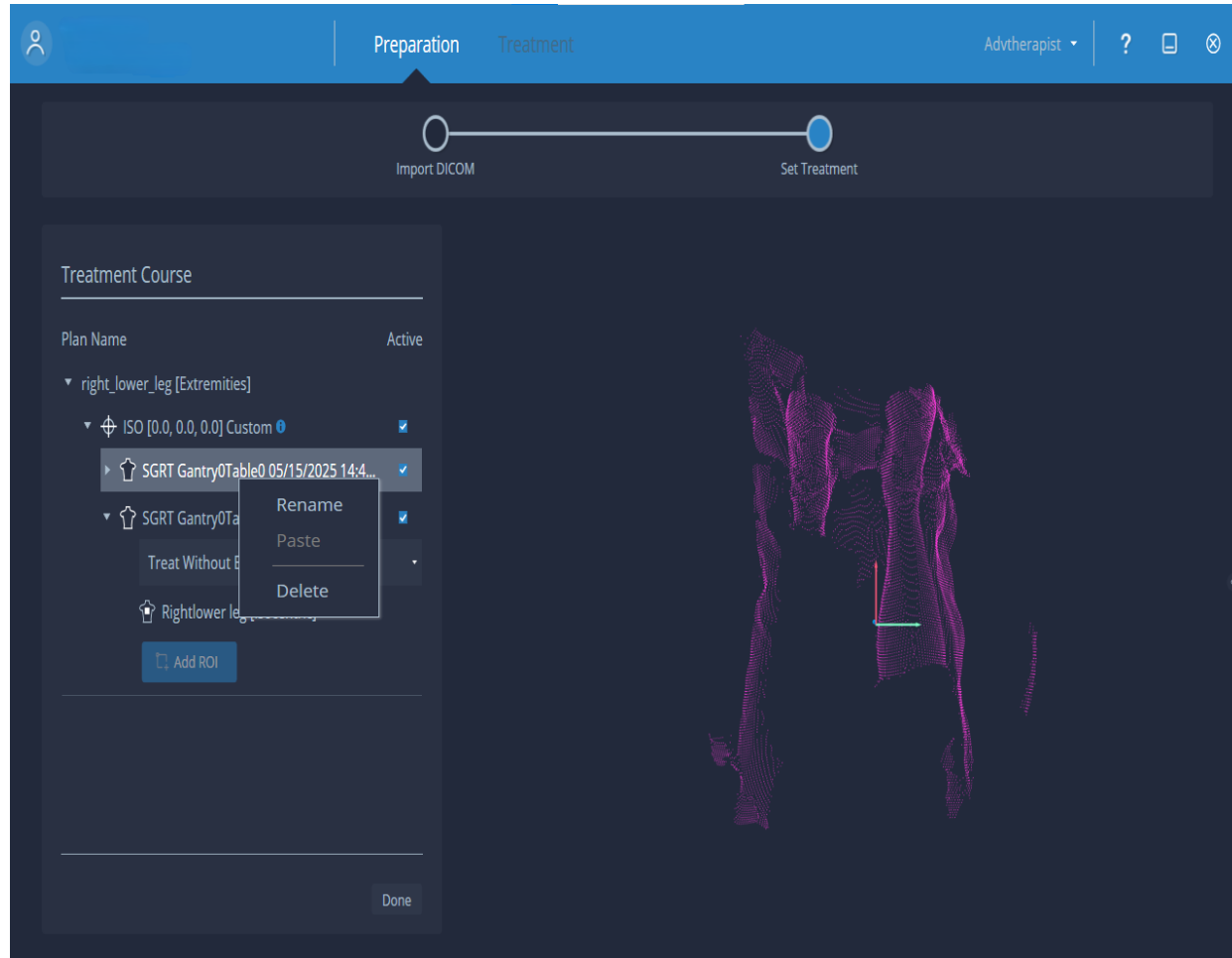
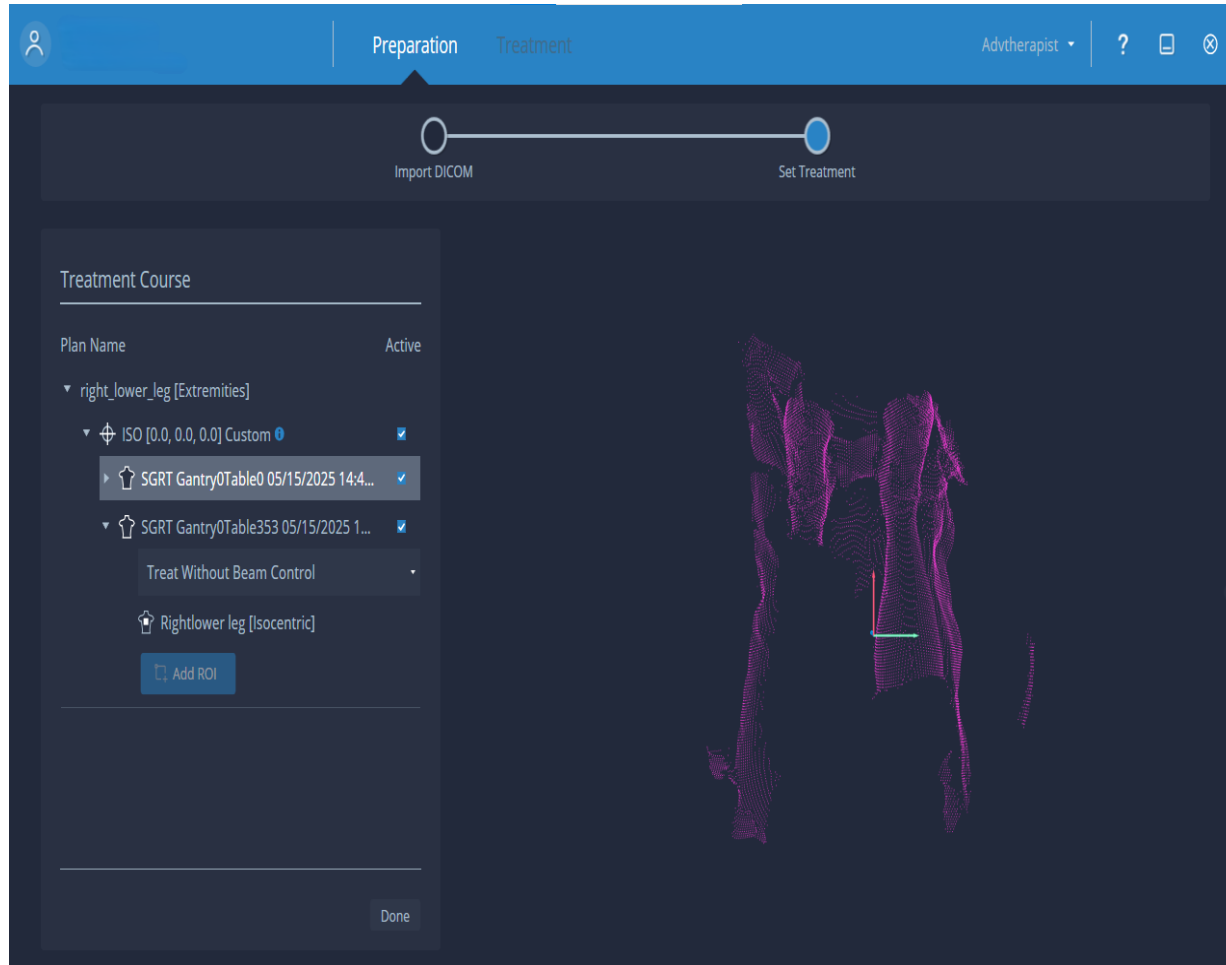
Protocol: [Select]

Continue Cancel

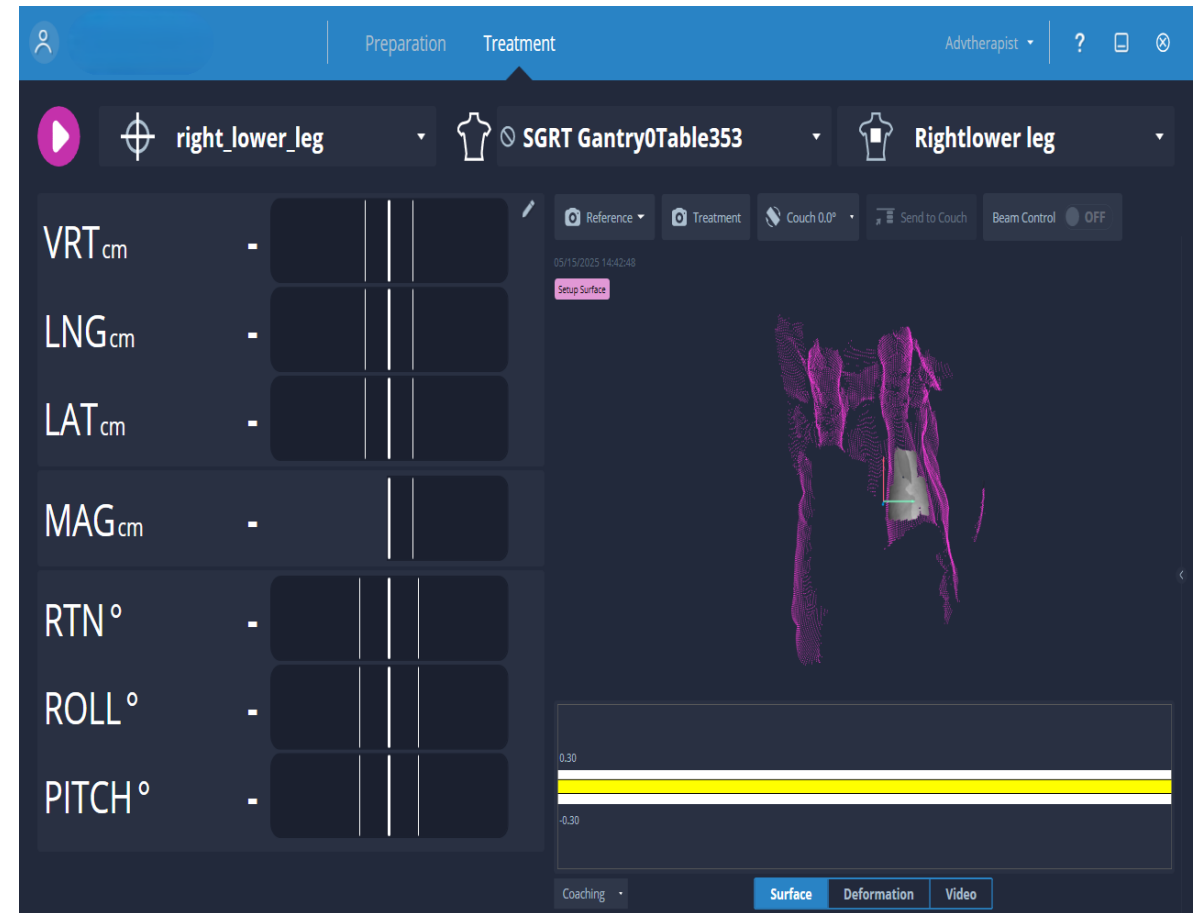
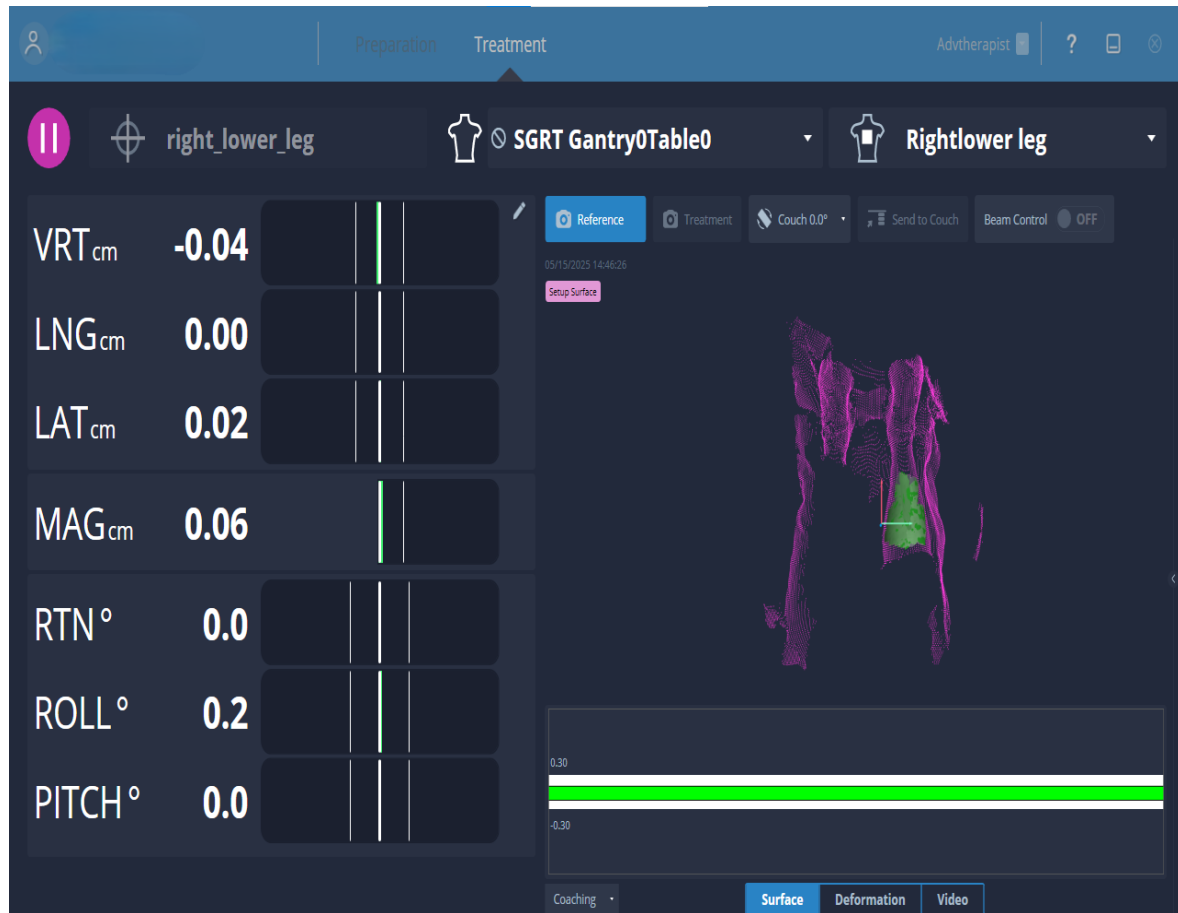
Clinical Simulation



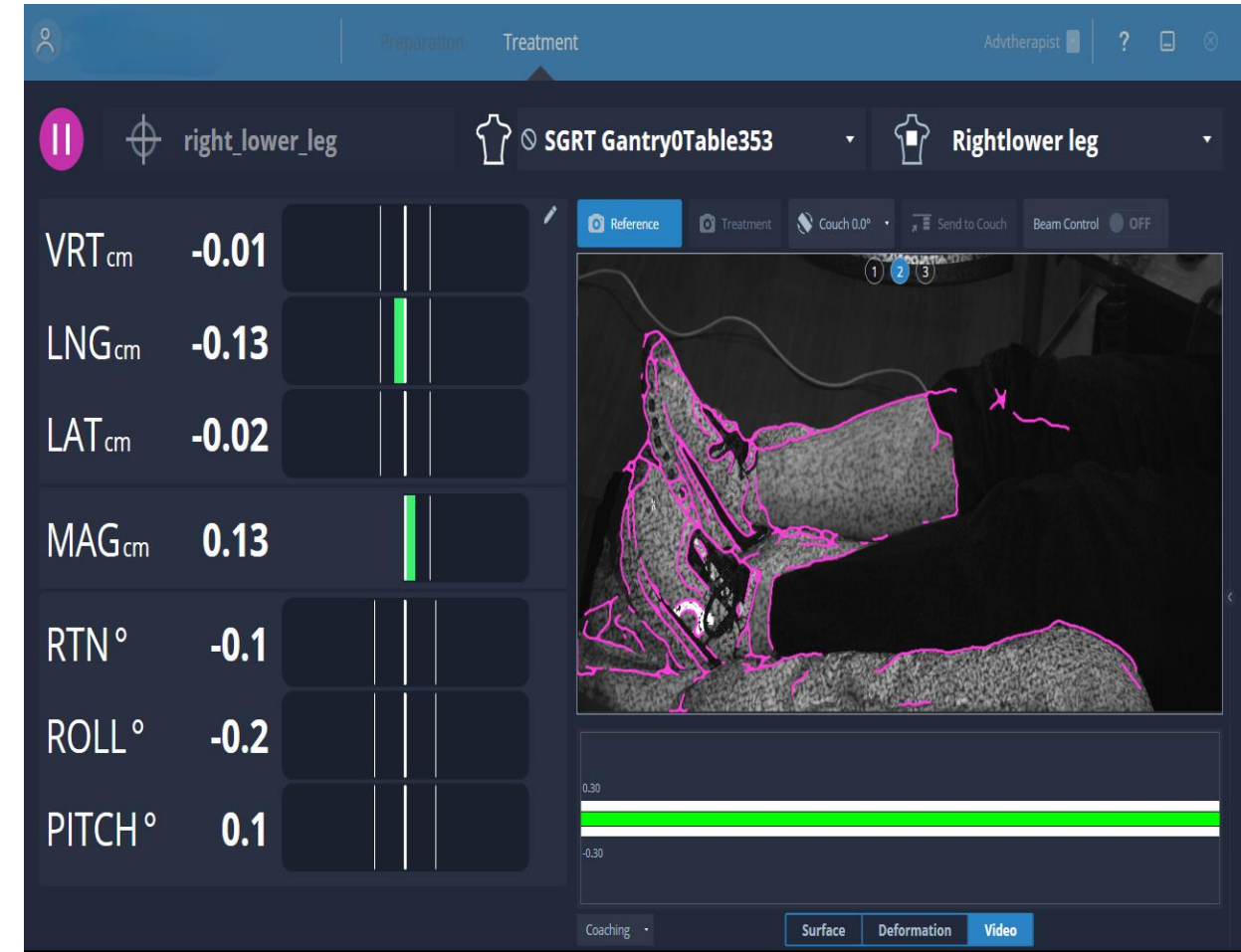
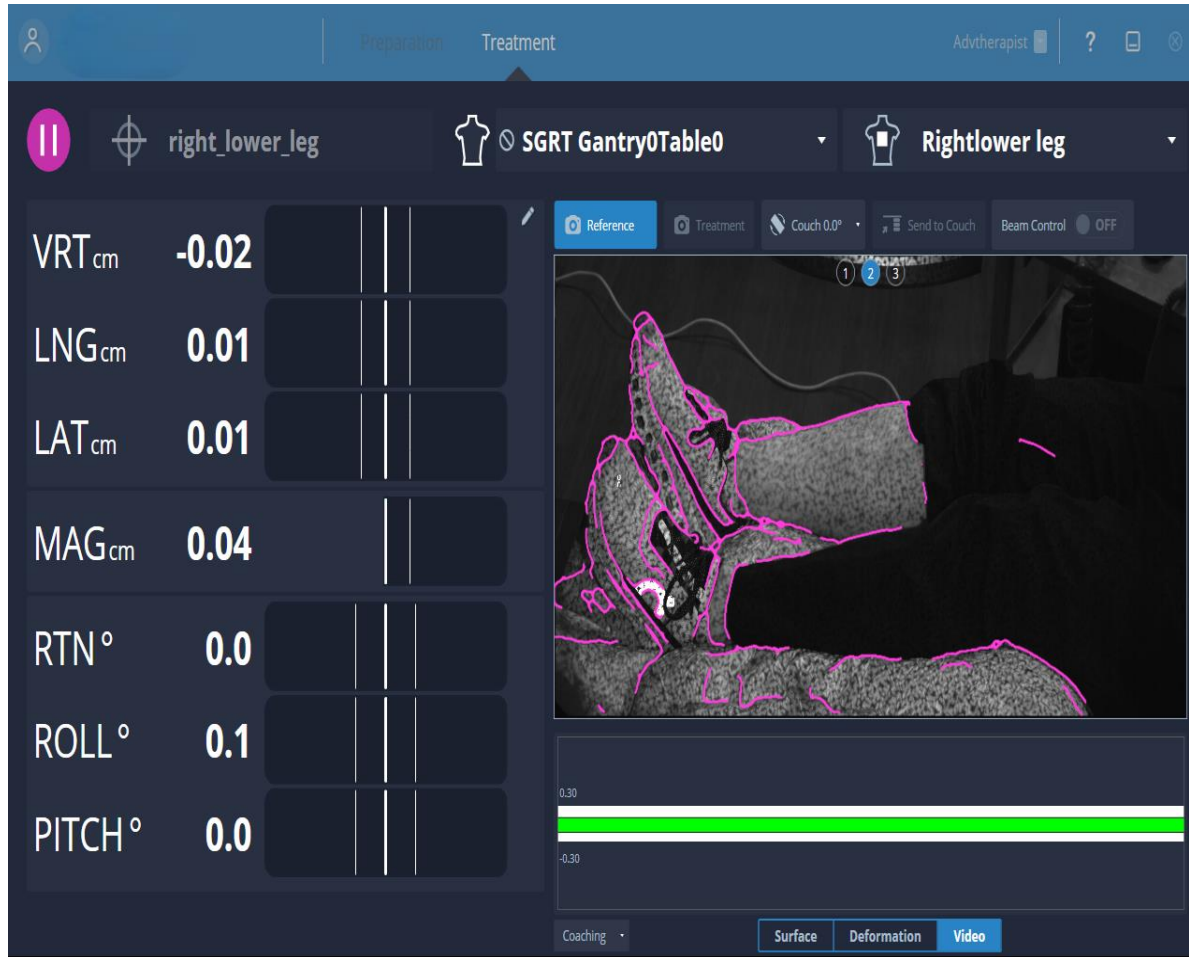
Clinical Simulation



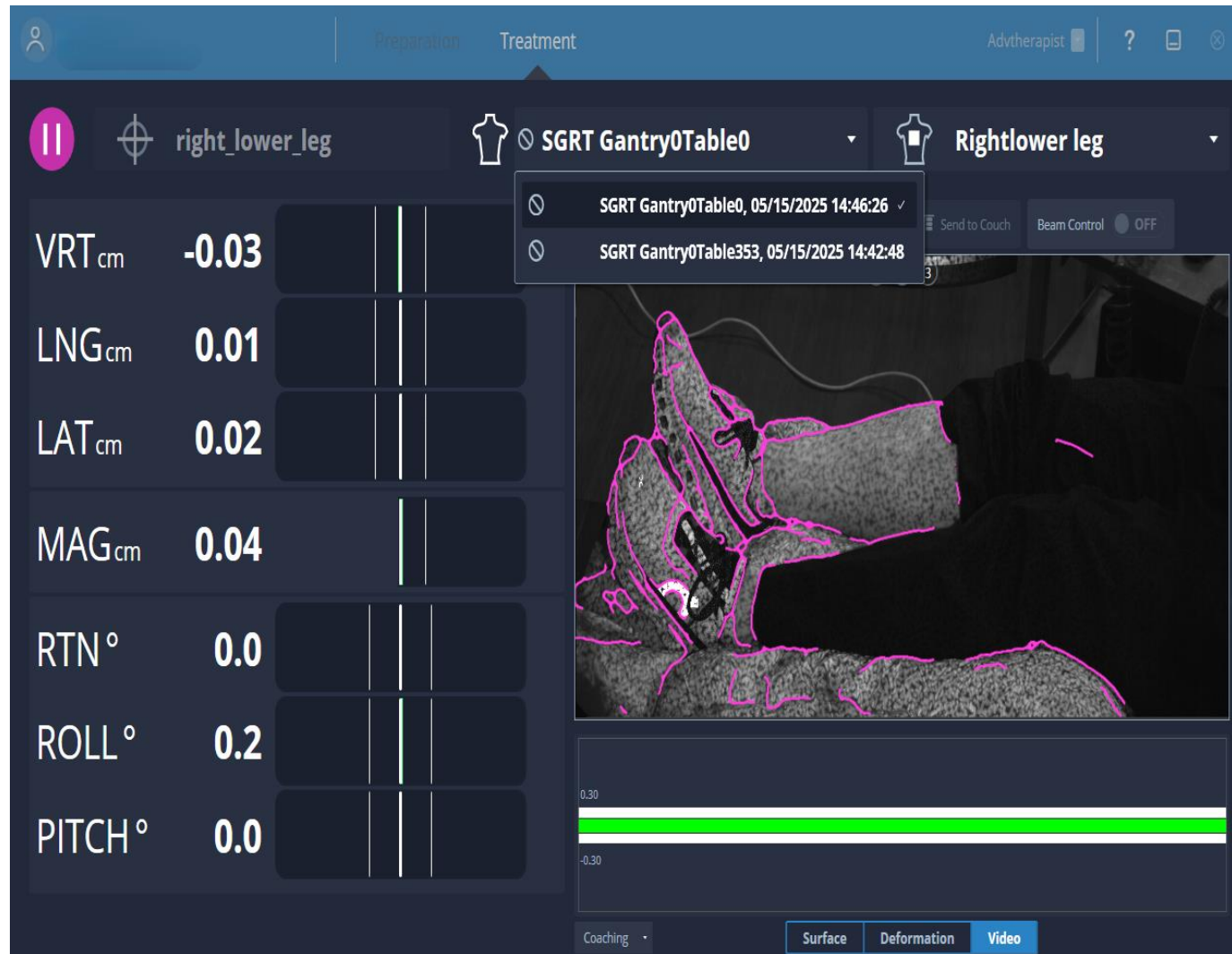
Clinical Simulation



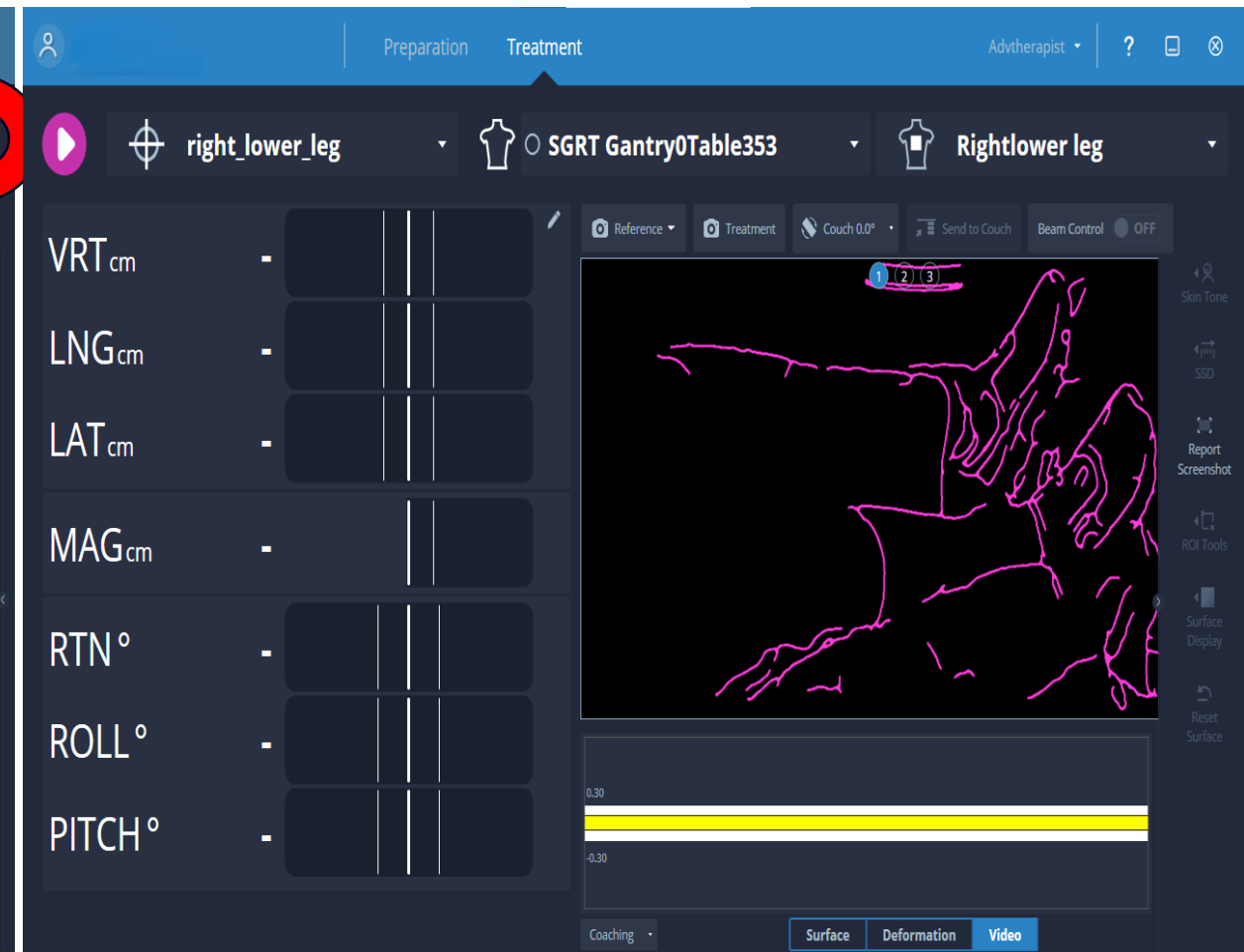
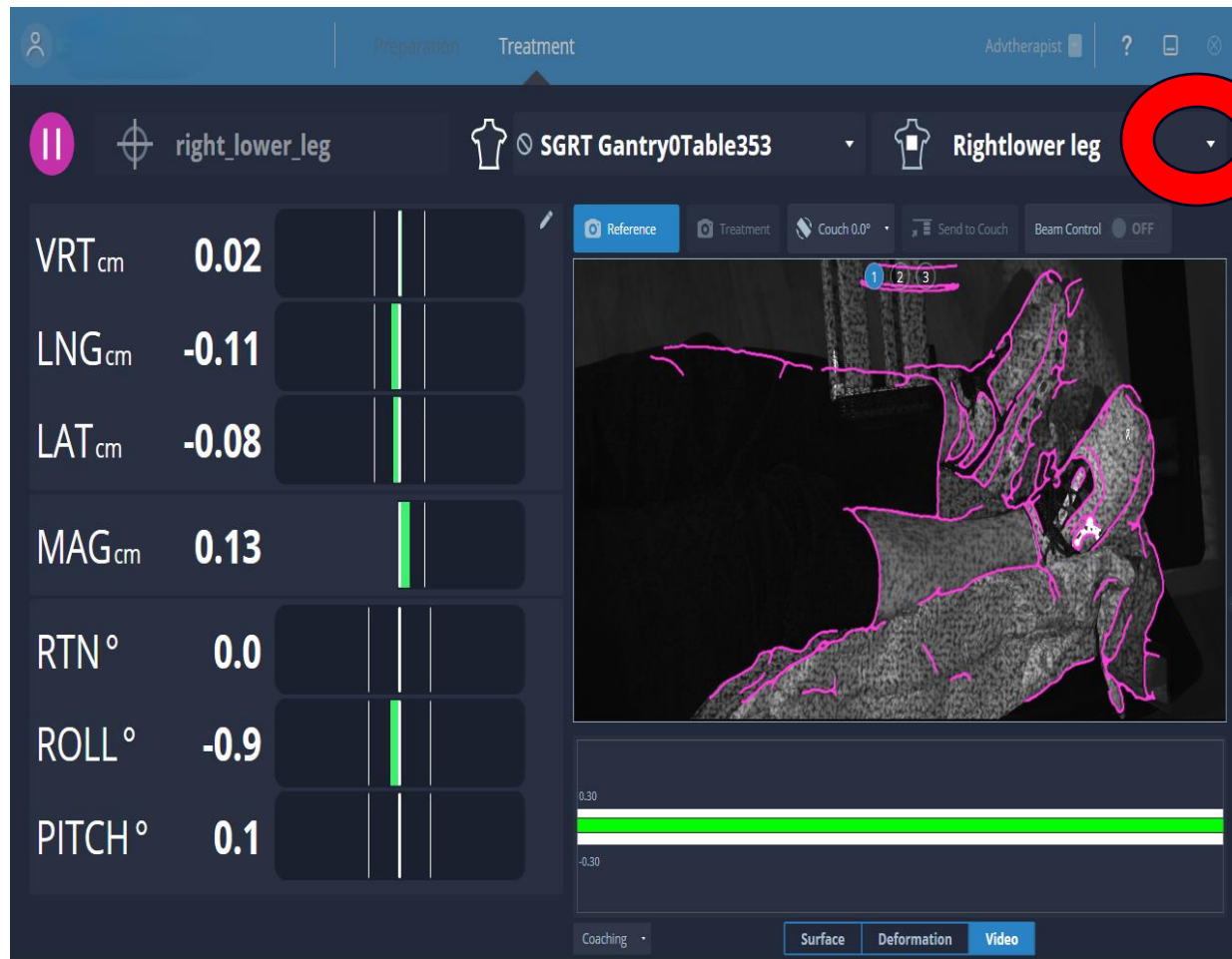
Clinical Simulation



Clinical Simulation

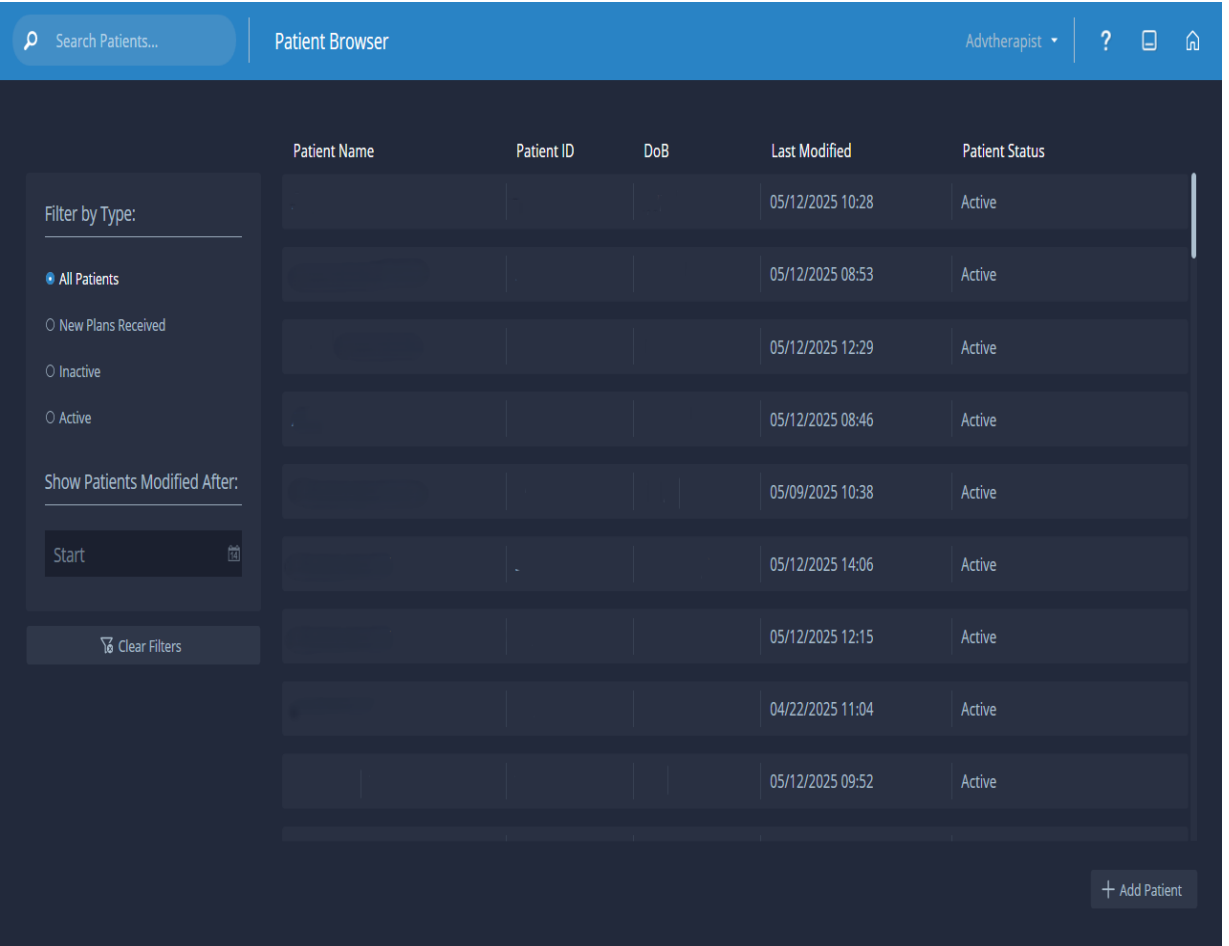
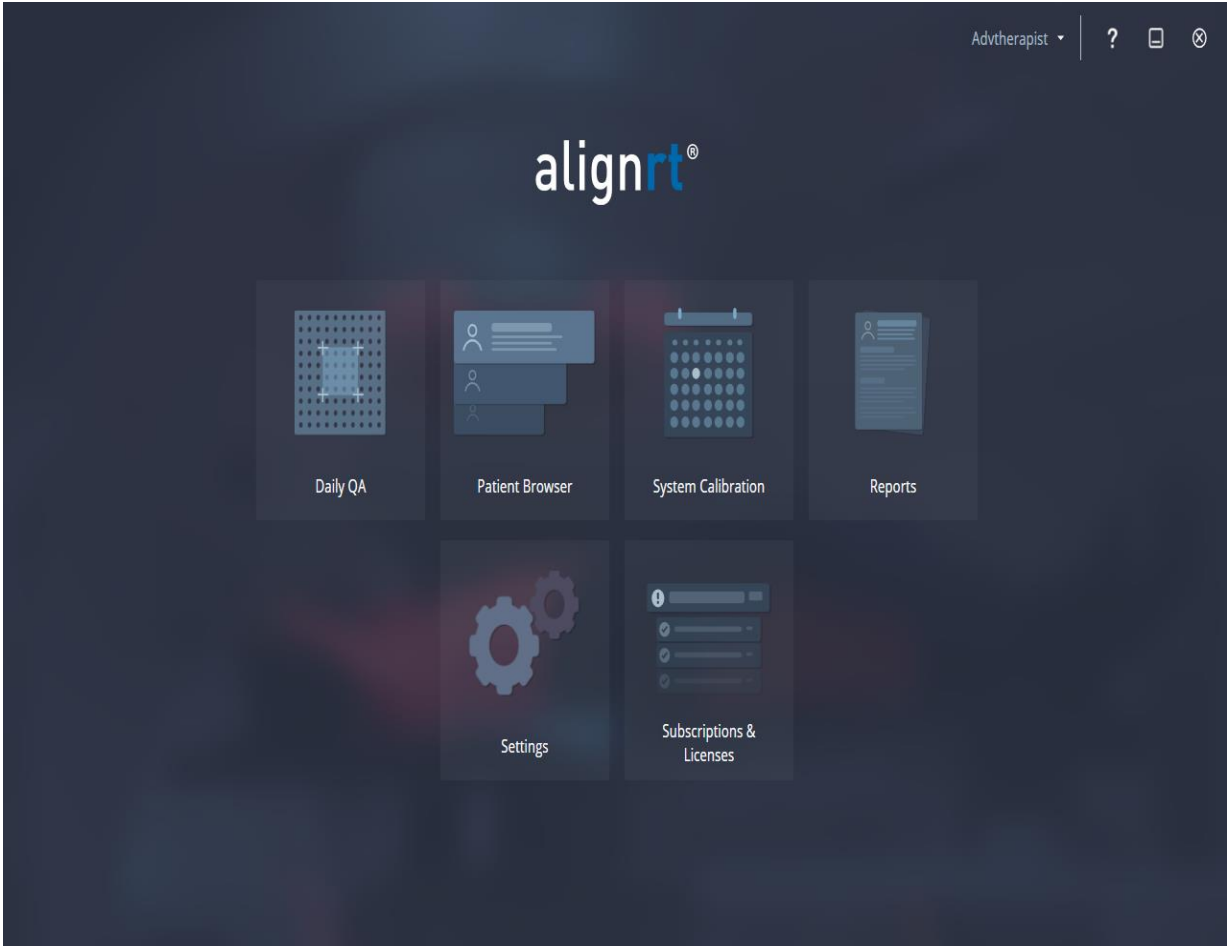


Clinical Simulation



Utilizing SGRT for CT Planned Electrons

CT Planned Electron



CT Planned Electron

PreparationTreatment

Advtherapist ? ⓘ

Import DICOM (1)Set Treatment

Treatment Course

▼ CheekL BOL [Head and Neck]

▼ ISO 1 [36.9, -90.7, 14.8] ⓘ

▼ CT SIM BODY 02/28/2025 11:54:22

Setup Surface Only

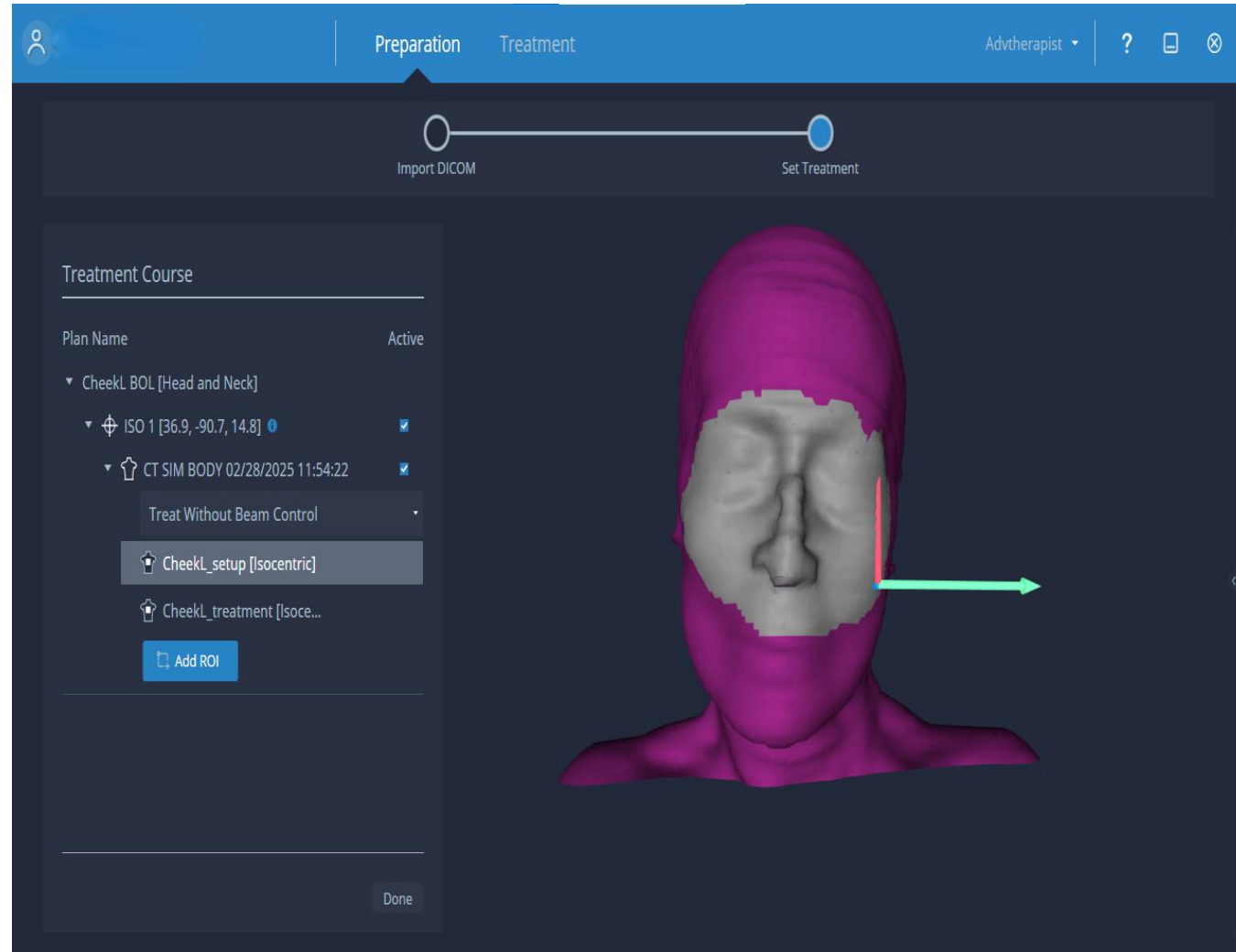
DICOM Plans

Plan Name	Date/Time Sent	Protocol	Structure Sets
<input checked="" type="checkbox"/> CheekL BOL	05/16/2025 14:34	Head and Neck	BODY

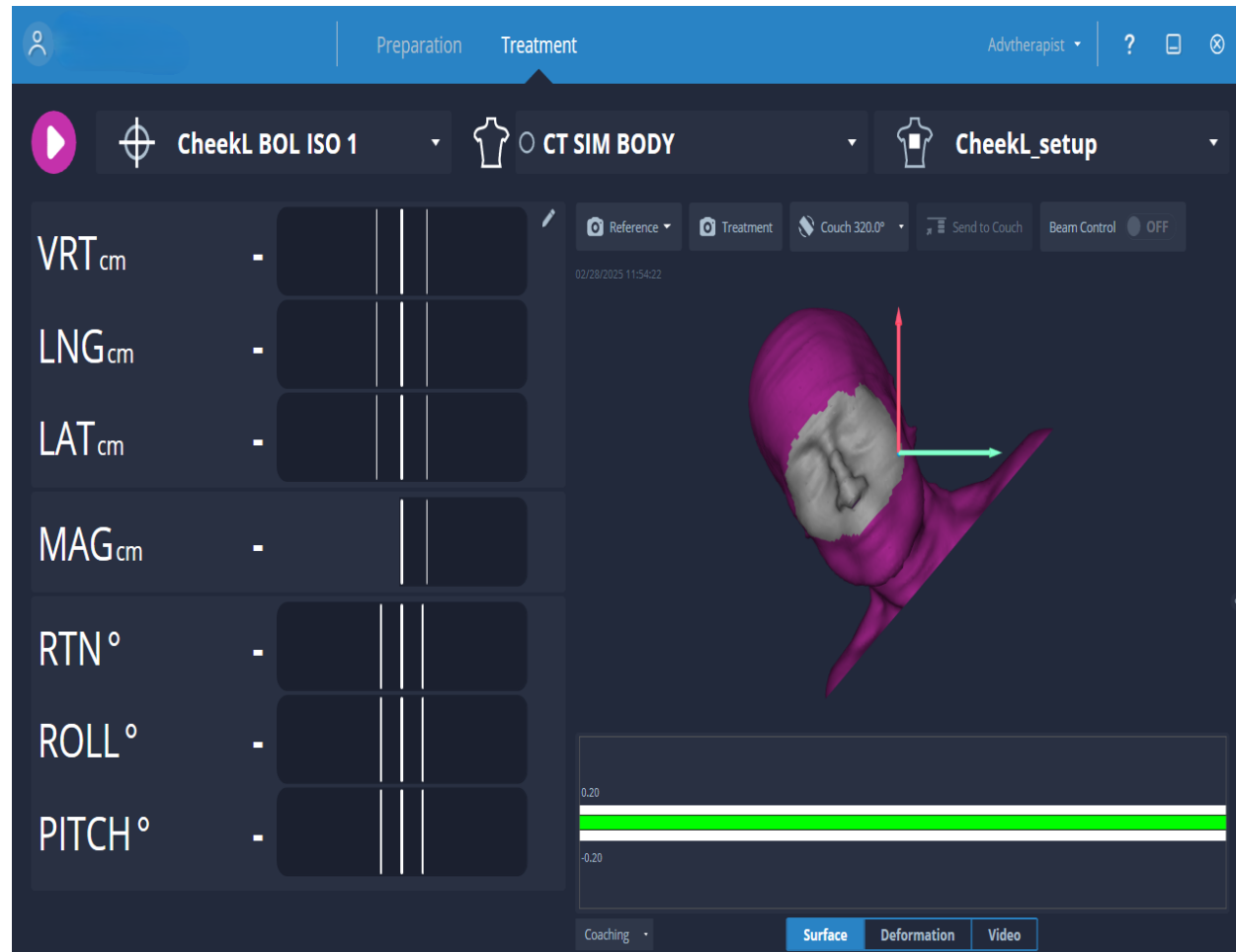
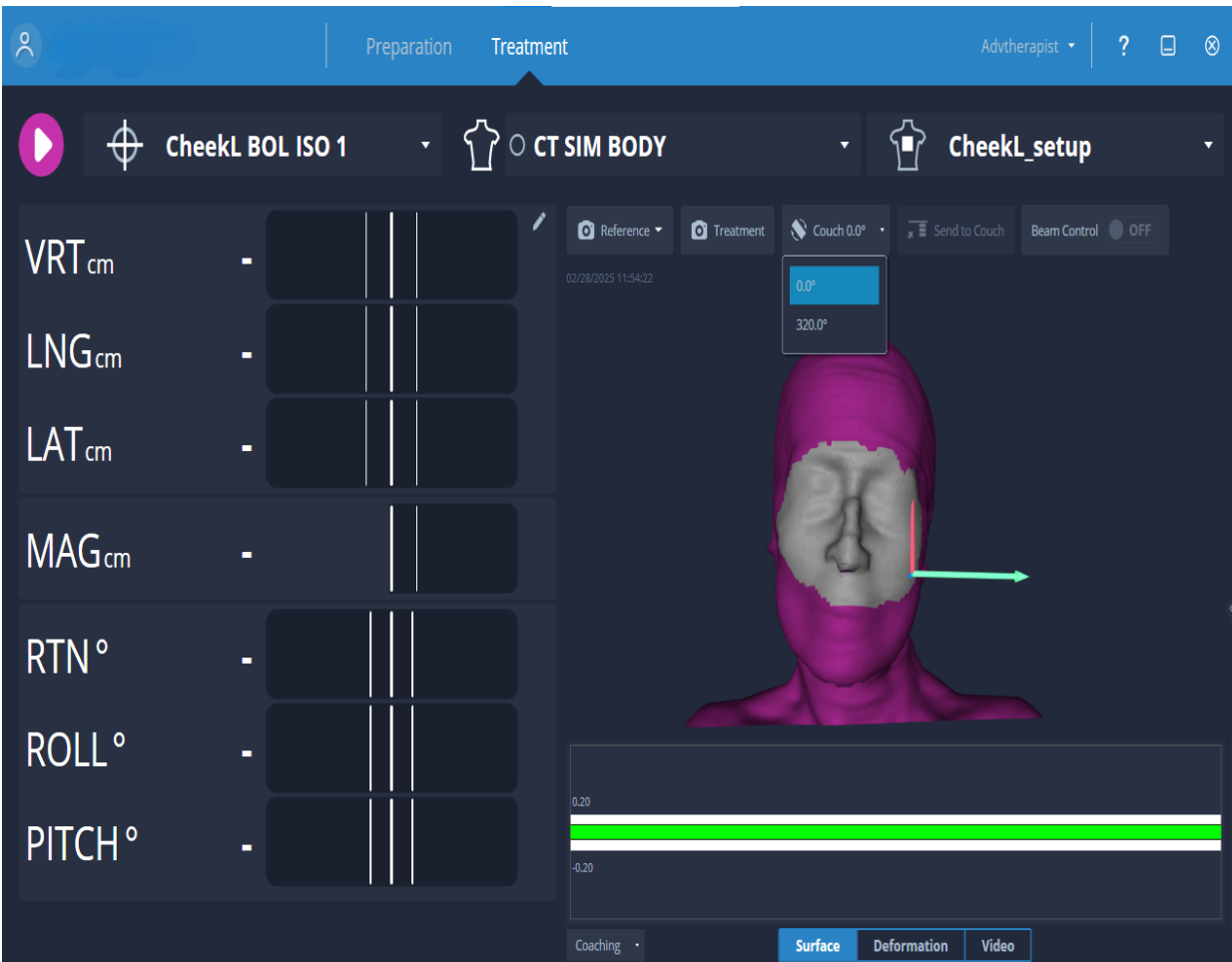
Browse files...

SaveCancel

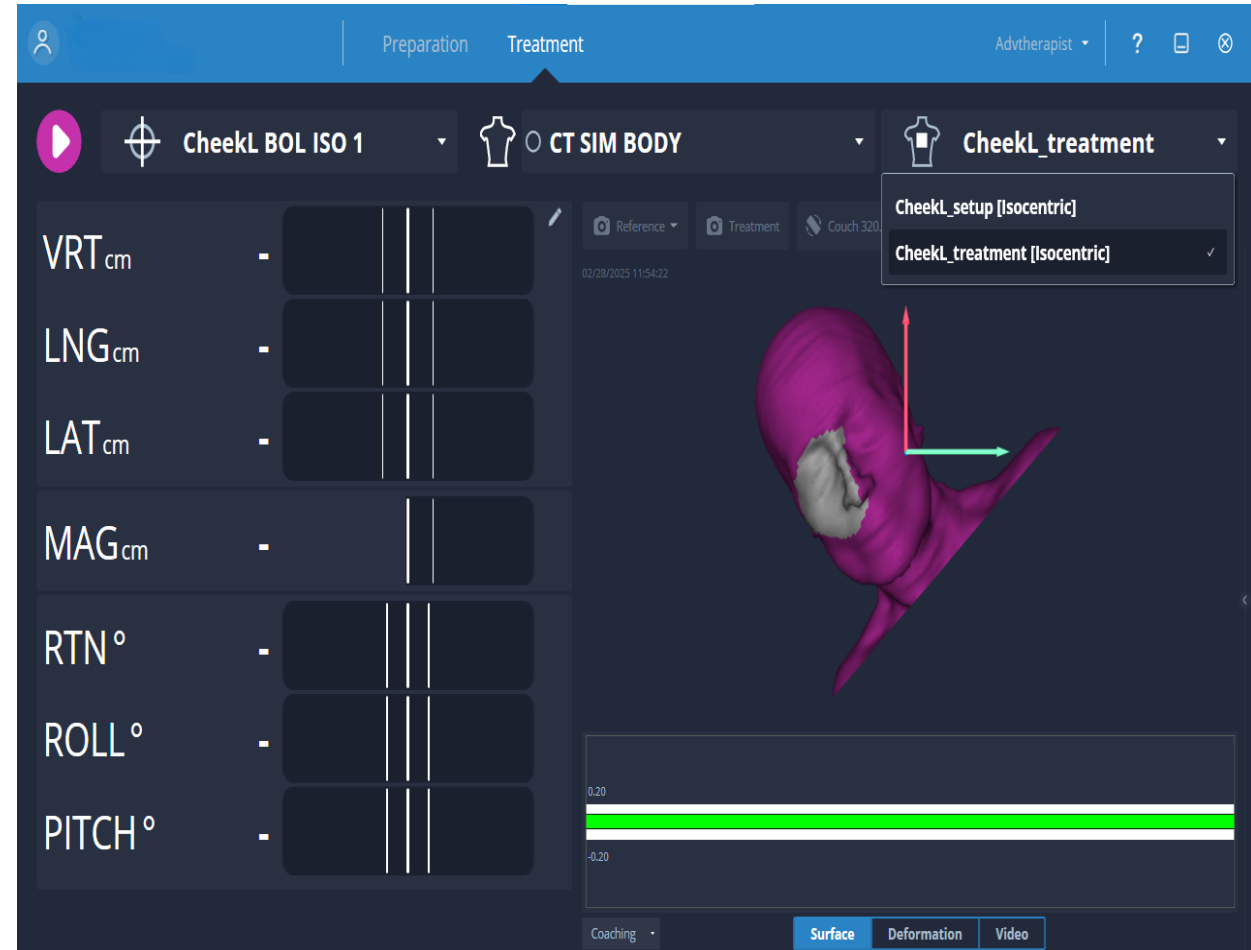
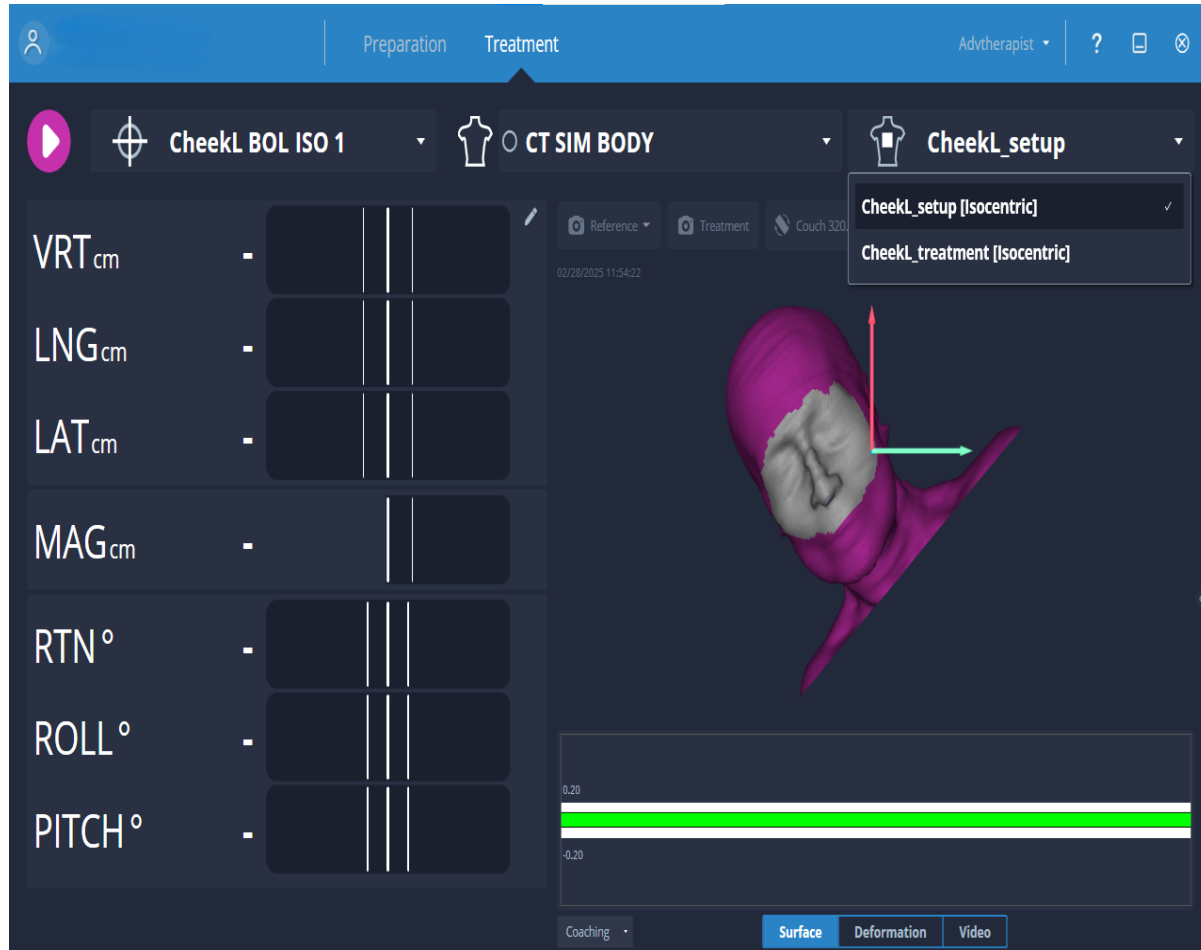
CT Planned Electron



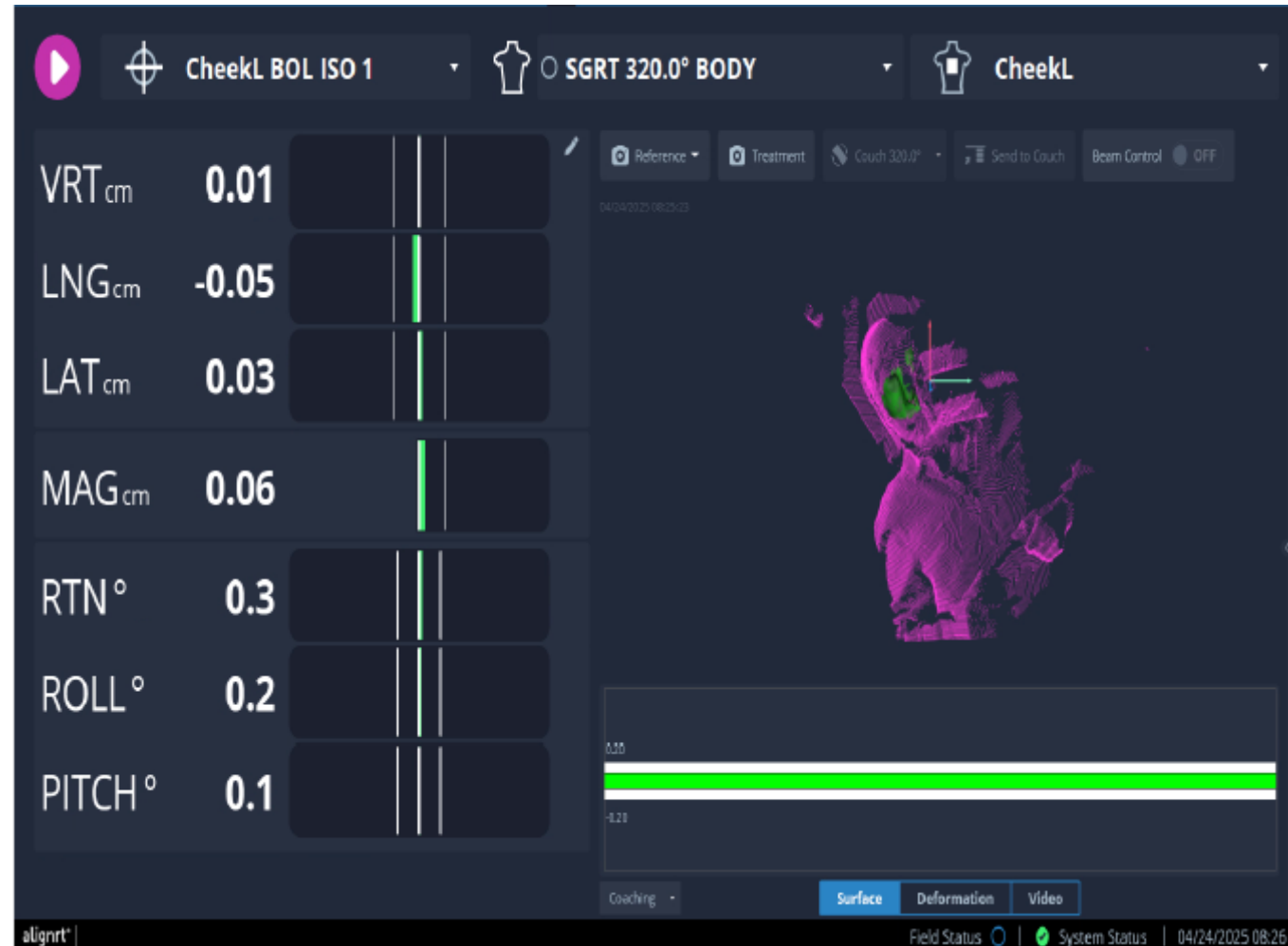
CT Planned Electron



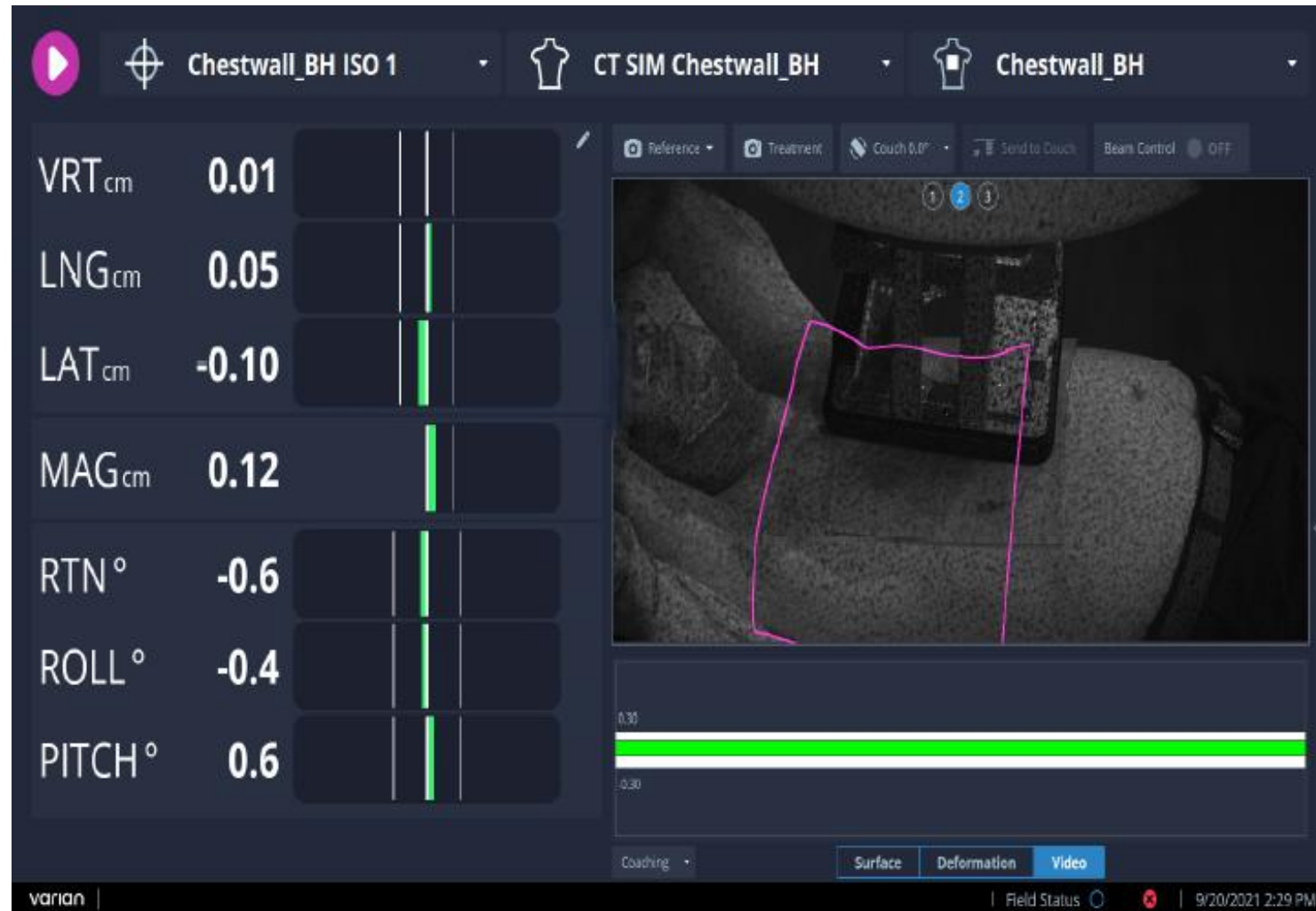
CT Planned Electron



CT Planned Electron



Breath Hold Electron



Advantages and Benefits of Utilizing SGRT

Advantages and Benefits

Simplified Set-up

- With using SGRT first, our RTTs believe the set-up is simplified

Monitor Patient Movement

- Able to monitor for any patient movement after stepping out of the treatment room

Breath Hold

- Allows RTTs to treat electron set-ups in a breath hold with confidence

Added Verification

- Majority of the time, electron set-ups are not imaged

Questions?



Thank You

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