

REACHING NEW
HEIGHTS WITH
SGRT



Satisfaction with SGRT: Both for Patient and User

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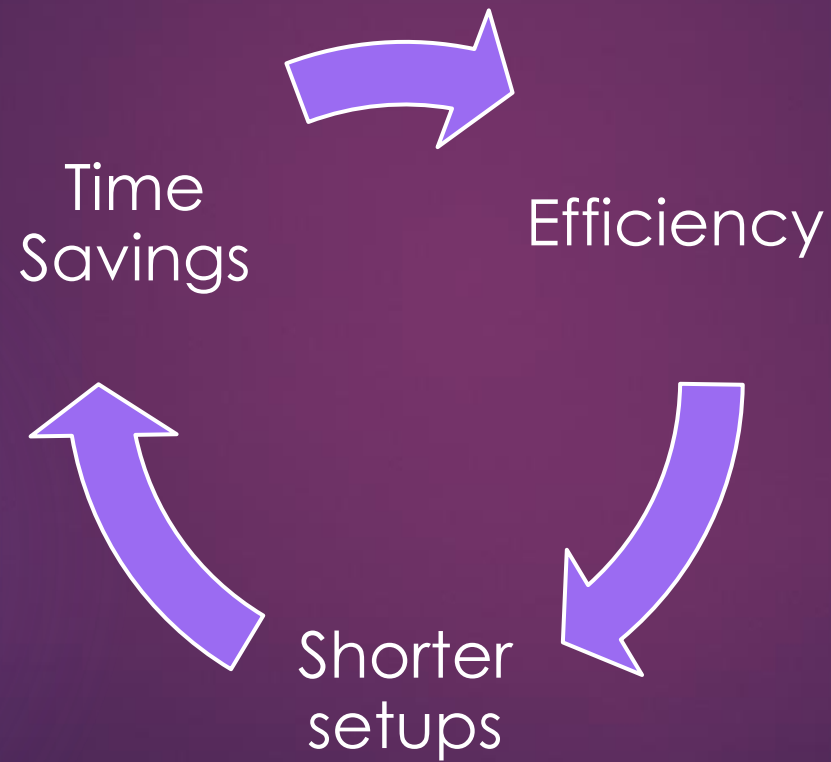
Satisfaction with SGRT: Both for Patient & User



Today we will discuss...

- ▶ User Satisfaction
 - ▶ At my main site we use AlignRT on 90%
 - ▶ The secondary site I work at uses it on 100%
- ▶ CT Time savings
- ▶ Treatment Time Savings
- ▶ Prone Breast evolution with AlignRT

Advantages of Align RT



User Satisfaction

Therapist #1

- “I now am unable to work anywhere that doesn’t have AlignRT!”

Therapist #2

- “I didn’t think I would like it, but I definitely do.”

Therapist #3

- “I can’t believe the time saving it gives us.”

Therapist #4

- “I am so glad we can offer tattooless treatment for our patients!”

What does every Radiation Department strive for?

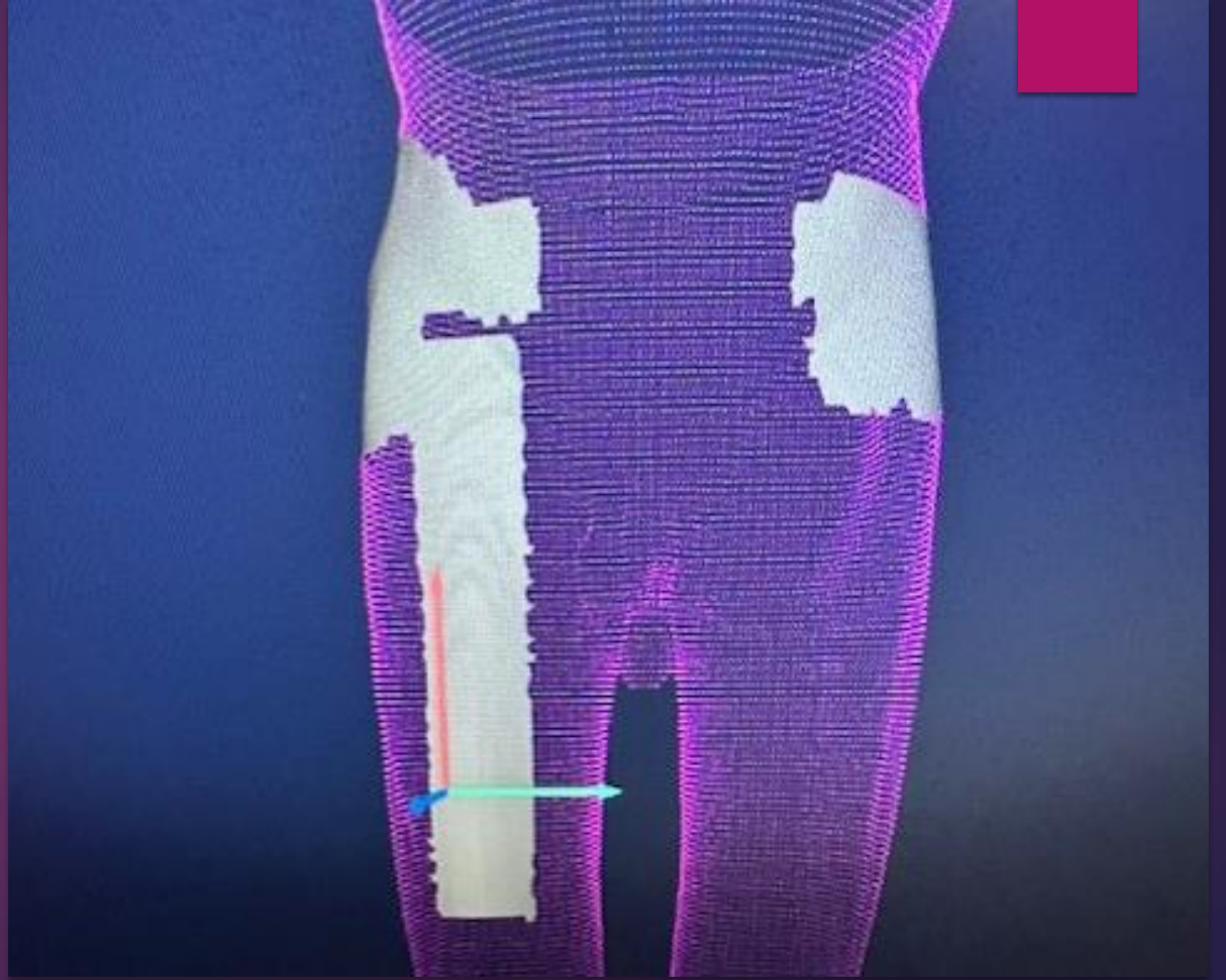
▶ **Efficiency!!**

- ▶ AlignRT takes away some time-consuming tasks
 - ▶ No more Tattoos in sim...
 - ▶ No more 3 pointing tattoos in treatment
 - ▶ Easier setups with hard patients
 - ▶ Extremities
 - ▶ Prone Breasts

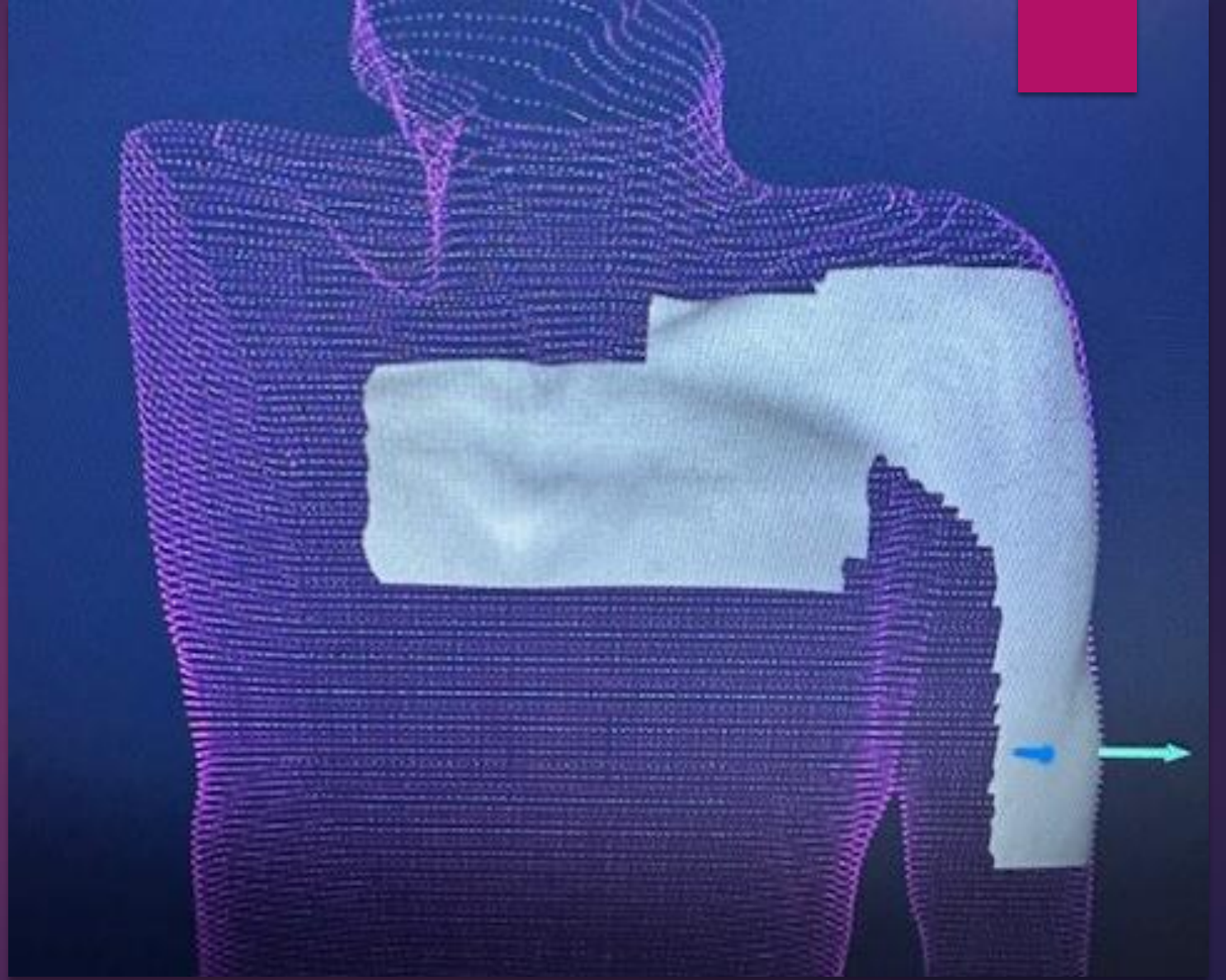
With Extremities

- ▶ Less immobilization devices are used
- ▶ No Marks.... No Tattoos
- ▶ Quicker Set Ups...

Lower Extremities



Upper Extremities



Prone Breasts...

C1-RBrstprone ISO 1

CT SIM BODY

ROI 1

VRT_{cm}

-

LNG_{cm}

-

LAT_{cm}

-

MAG_{cm}

-

YAW[°]

-

ROLL[°]

-

PITCH[°]

-

Beam Hold Delay (seconds)

1

Reference

Treatment

Couch 0.0°

Send to Couch

Beam Control

OFF

4/25/2024 9:49:33 AM



0.30

-0.30

Coaching

Surface

Deformation

Video

Prone Breasts

- ▶ Before we started using AlignRT on them...
 - ▶ The charts averaged 20-30 minutes open. This was them on the table with set up, shifts, imaging and treatments.
 - ▶ The days we really struggled, 45 minutes.
- ▶ With AlignRT we are now able to put prone breast treatments in a 15 minutes appointment time.

User Satisfaction...

- ▶ Time Savings in the Treatment Room!
- ▶ 1 treatment room
 - ▶ Anywhere from 25-40 patients a day
- ▶ There needs to be a high level of efficiency and standardization, which VisionRT helps maintain.
- ▶ Patient moving... saves time if you can just watch them settle back in...

User Satisfaction...

- ▶ Sister site...
 - ▶ 1 Machine....
 - ▶ Remote physics and dosimetry...
 - ▶ 2 Therapists
- ▶ AlignRT
 - ▶ Gives them a second set of eyes....
 - ▶ And when they call us we can see the AlignRT screen for assistance.

Time
saving
in CT...



Time Saving in CT Sim....

Eliminates

- ▶ Time getting tattooing supplies
- ▶ Time spent explaining tattoos
- ▶ Time spent doing the tattoos
- ▶ Time spent cleaning up the tattoos
- ▶ Cost of needles, tattoo ink, and other tattooing supplies



No More
Tattoos!!

Time Saving in CT Sim...

- ▶ Estimated time saving in CT
 - ▶ 7 to 15 minutes savings
- ▶ With the more difficult or emotional patients we estimated 20 minutes savings.



3 Point Set Up Time in Treatment

...Time Saving Study...

- ▶ Same patient, close to the same treatment area, one with tattoos, and one with AlignRT and we didn't use the tattoos.

Set Up times before imaging was done.

Treatment	2021 Hip/Pelvis with Tattoos	2024 Hip with AlignRT
V-Sim	6 minutes	4 minutes
Treatment 2	5 minutes	2 minutes
Treatment 3	5 minutes	3 minutes
Treatment 4	6 minutes	2 minutes
Treatment 5	6 minutes	3 minutes
Treatment 6	6 minutes	3 minutes
Treatment 7	5 minutes	2 minutes
Treatment 8	5 minutes	2 minutes
Treatment 9	5 minutes	3 minutes
Treatment 10	4 minutes	2 minutes
Total	53 minutes	26 minutes

Set Up Times...

- ▶ With Tattoos, we found that charts were open on the treatment machine for an average of 15 minutes.
- ▶ Without Tattoos charts were open on the machine for an average of 11 minutes.
- ▶ In a center that has patients every 15 minutes, 4 minutes per patient is a huge saving!!!

Prone Breasts...

Our transition from tattoos to AlignRT was...





PATIENT SATISFACTION

Patient Satisfaction

Patient #1

- ▶ “I was just so thankful that I didn’t have to get tattoos. They last for a lifetime and no one wants to remember cancer.”

PATIENT SATISFACTION

Patient #2

- ▶ “I was hesitant about not getting tattoos, because my friends all had gotten them for their treatments, but when they explained to me what they used instead, I was put at ease and so grateful there would be zero needles.”

PATIENT SATISFACTION

Patient #3

- ▶ “When they told me it there wouldn’t be any needles, I was all in!”

PATIENT SATISFACTION

Patient #4

- ▶ “I was already an emotional wreck from my diagnosis, the last thing I wanted was permanent marks to remember it by. I was very relieved when they told me there was no longer a need for them.”



Questions?!