

# See, Do, Teach: Peer Training Enhances Understanding of SGRT

Presenter:

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# Agenda:

Introduction

Objectives

Methods and Materials

Results

Conclusions



# Radiation Medicine



Center for Advanced Medicine

Cancer Institute at Lenox Hill Hospital

Northshore Radiation Therapy at Greenlawn

Cancer Institute of Staten Island University Hospital

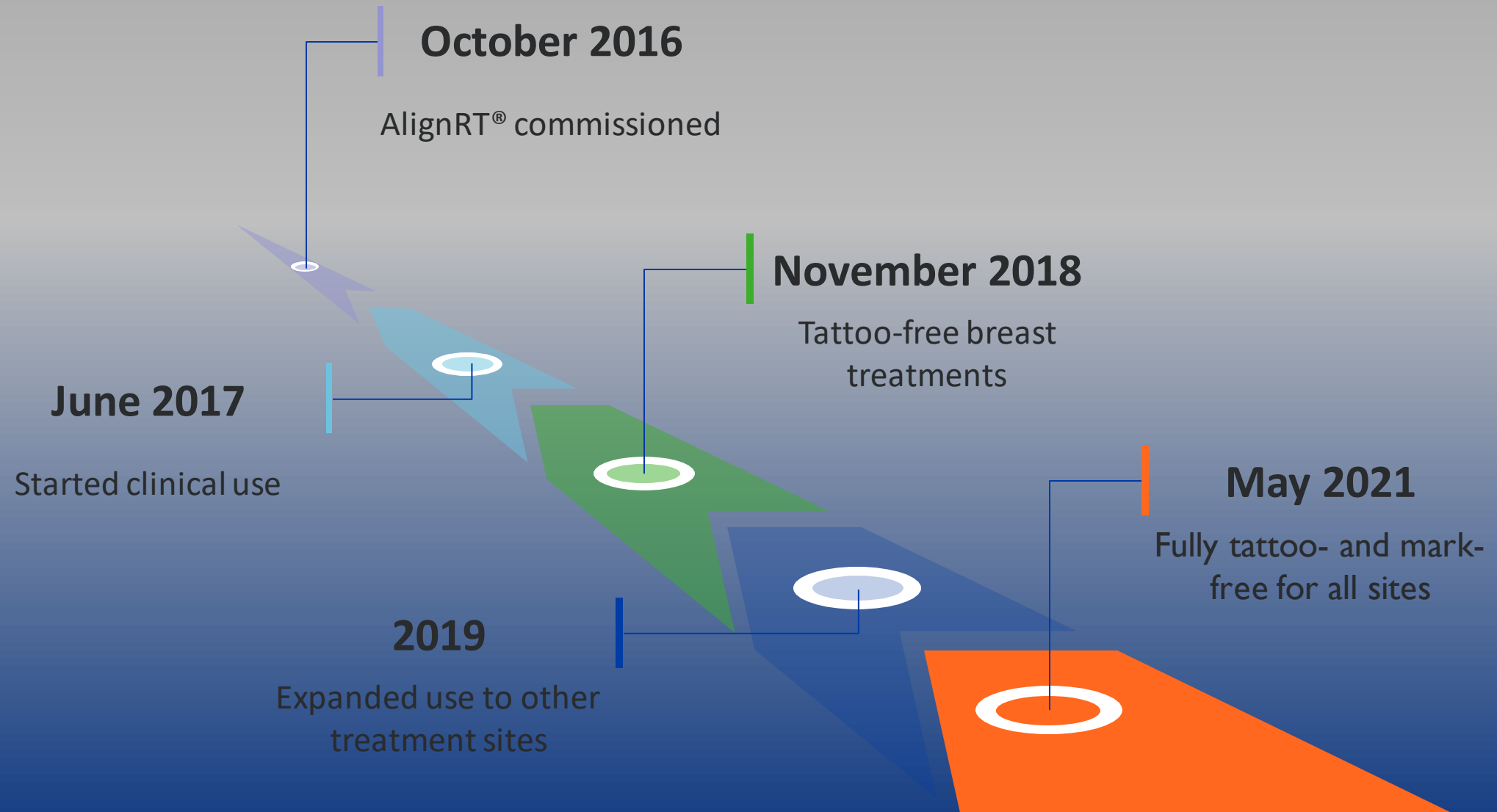
Imbert Cancer Center

Cancer Institute of Northern Westchester

Radiation Medicine at Queens

Cancer Institute at Phelps

# Clinical Experience with SGRT





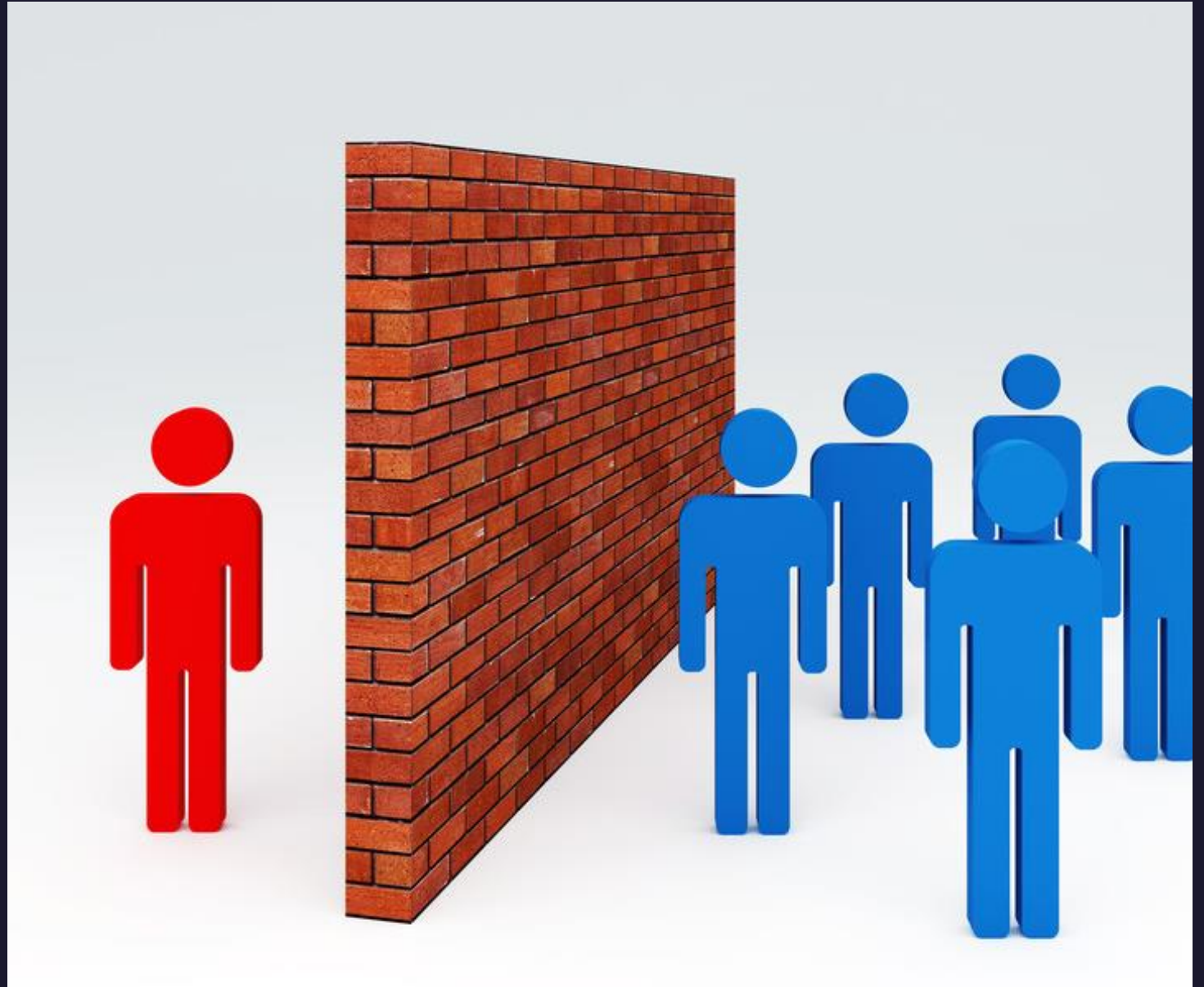


The Radiation Medicine department at ICC has become a designated tattoos /marker free department; one of the 1st in the region, to be recognized and awarded for this.

However, adaptation amongst other network facilities has been variable

# OBJECTIVE :

To evaluate our internal peer education process and explore barriers to adaptation.



## METHODS:

- Radiation therapists at our facility served as project champions and peer educators for the AlignRT® system.
- Therapists from other network sites rotated through our center and were immersed in the local clinical workflow.

## MATERIALS:

- Surveys were completed by radiation therapists to identify barriers
  - Survey 1: On-site trainers
  - Survey 2: Those who worked to expand SGRT utilization at other sites



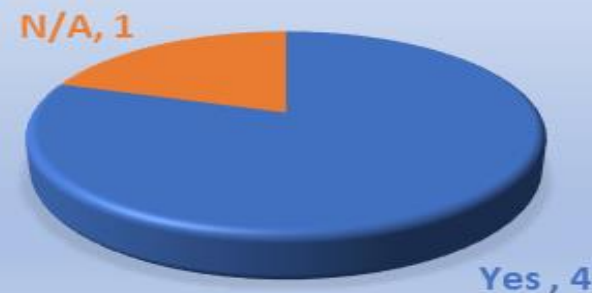
# RESULTS:

## Survey 1: On-Site Trainers

- Did you participate in training other therapists when they visited Imbert?
- Did training others help you learn more about the AlignRT® system?



### DID TRAINING OTHERS HELP YOU LEARN MORE ABOUT THE ALIGN RT SYSTEM





# What do you think is the greatest benefit of being tattoo and mark-free?



Patients not having permanent reminder of cancer



Pts are not left with physical reminders of what was probably the hardest time of their lives



It is less of a reminder to patients about their diagnosis



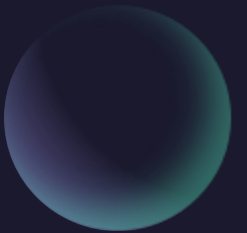
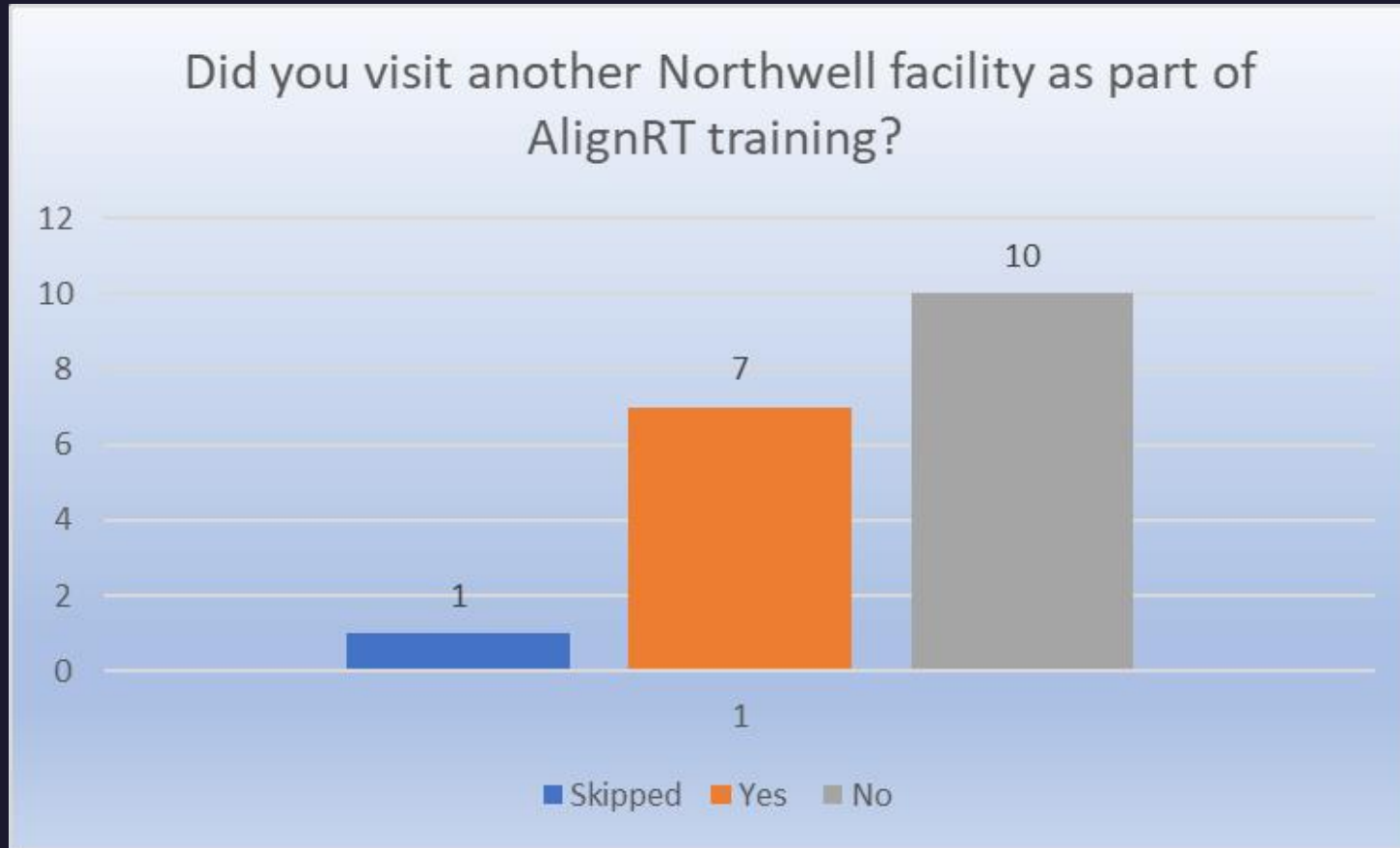
Quicker and less stressful setups, which also leads to more accurate films with less shifts.



No needle sticks for the patient, which most of the time causes them added pain

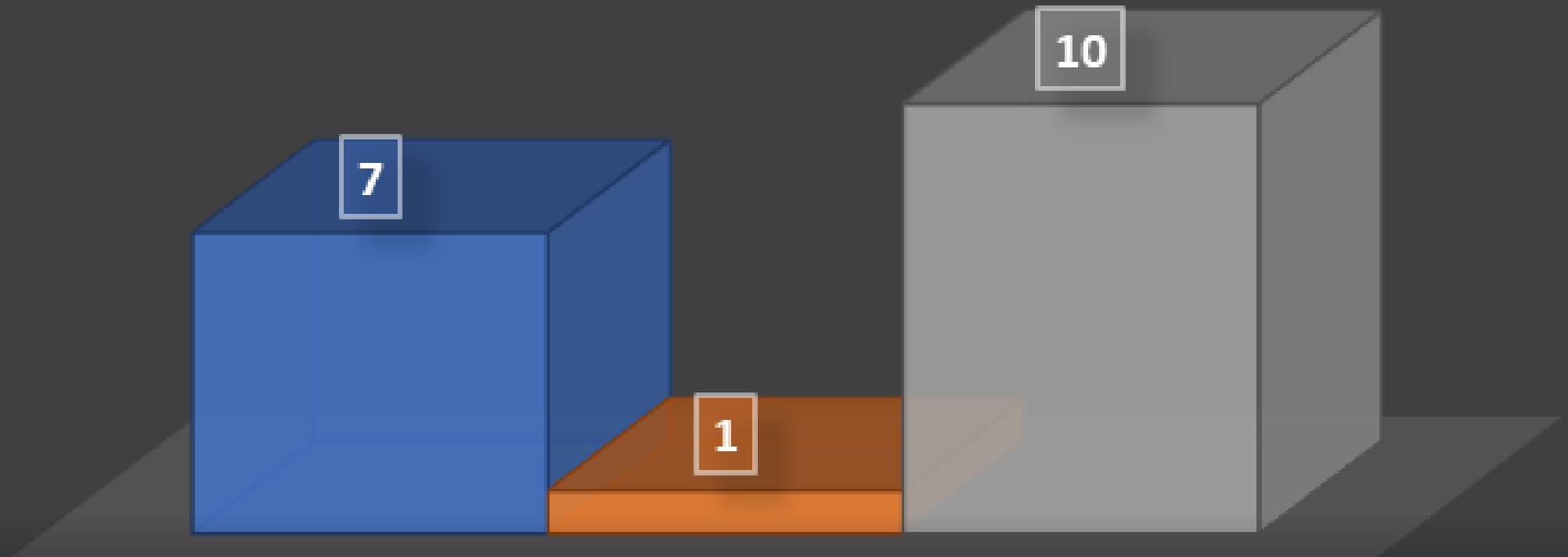
# Survey 2: Therapists who received peer training

18 respondents



# WAS IT INFORMATIVE TO VISIT ANOTHER ANOTHER SITE?

■ Yes ■ No ■ N/A


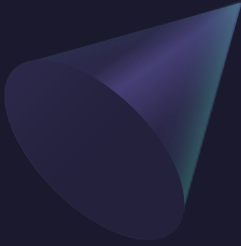


# Do you feel more confident using AlignRT following training by peers?

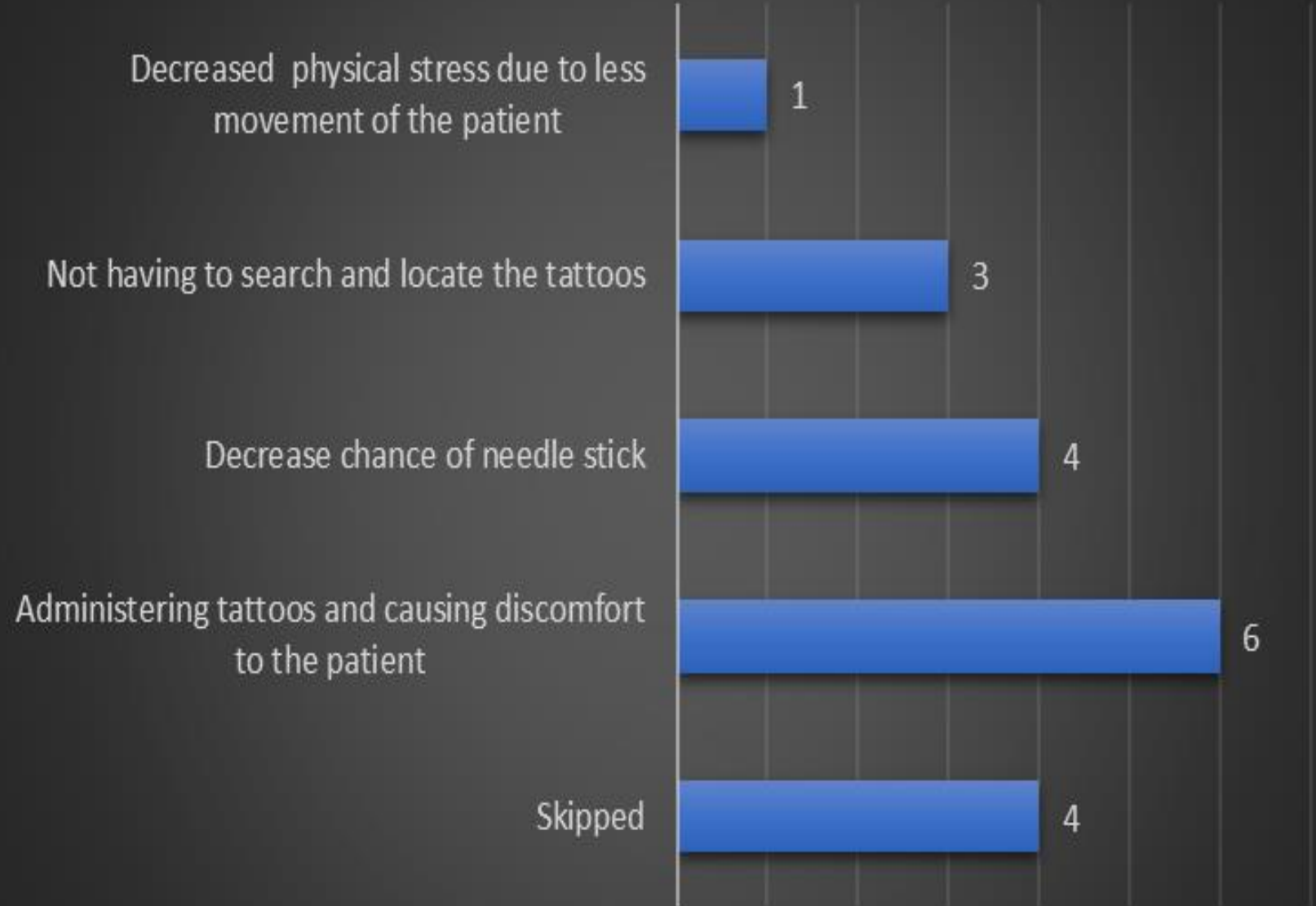



■ Skipped ■ Yes ■ No





What do you think  
is/would be the  
greatest benefit of  
being tattoo and  
mark-free?



# Please provide any additional thoughts you have regarding AlignRT.



Female patients feel more confident not having a permanent marking on their skin. We received many complaints about the superior tattoo on many breast patients' cancer



Patient satisfaction



It is a great monitoring tool.



It can completely replace traditional triangulation marks not worrying about needle stick injuries

# Please provide any additional thoughts you have regarding AlignRT.



If done correctly from simulation to treatment table, it can be beneficial



The only issue I have found is that sometimes breast cases have an infection of the tissue swells and AlignRT becomes unreliable for set ups



I do like AlignRT, I feel like it does work well for most patients except bolus patients



Additional training would be appreciated.

# CONCLUSIONS:

- Peer training-Positive Experience
- Educating their peers about additional applications of SGRT boosted therapists' confidence in using the AlignRT® system and overall job satisfaction.
- The educators expressed increased motivation to further enhance their own proficiency, citing the responsibility of having to explain distinct details to their peers.
- They also noted further benefits of expanded SGRT utilization and becoming tattoo/mark-free, including better patient experience, enhanced safety (no accidental needle sticks), cost efficiency (eliminating the cost of mark applicators and sharps disposal), and less physical strain on therapists.



# Future

- Increase peer training to include other departments and more therapists. Increase the sample size.
- Expand peer training.
- Increase use of SGRT on more treatment sites and departments. All machines need to be equipped with AlignRT®
- Surveying more therapists and students who have rotated through our different clinical sites which use AlignRT.

# Acknowledgments:



**Kaci Slevin**  
M.B.A, R. T.(T)



**William Chen MD**  
Vice Chairperson of  
Radiation Medicine,  
Quality and Safety



**Mihaela Marrero**  
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