

2023

US SGRT ANNUAL MEETING

The next stop on

**YOUR SGRT JOURNEY**

**WELCOME**



**TWA**

2023

US SGRT ANNUAL MEETING

# FOUNDATIONS OF SGRT

## SGRT 101: Benefits, Selection & Implementation Plans



TWA



Sarah Carroll BS, RT(R)(T)  
Operations Manager, Mayo Clinic –  
Phoenix AZ



# SGRT

Use of surface guidance to improve the safety, effectiveness and efficiency of the *entire* radiation therapy workflow.

SIMULATION



4D AND BH CT

PLANNING



CLEARANCE MAPPING

TREATMENT



MOTION MANAGEMENT  
DOSE VISUALIZATION  
4D TREATMENT

**SGRT** COMMUNITY





# WHY SGRT?

WHICH SYSTEM? HOW TO IMPLEMENT

Sarah Carroll

SGRT Community Meeting  
May 11-12, 2023 NYC





# A LITTLE ABOUT ME

## Sarah Carroll

BSRT (R)(T)

- Operations Manager at Mayo Clinic in Arizona
- Radiation Therapist
- Worked on many implementation projects including opening of new cancer center, utilizing new technology and equipment
- Love to spend time with my family, baking, crocheting, exploring new recipes, and reading. Soccer mom.



# MAYO CLINIC ARIZONA

CANCER CENTER

4 True Beams, 4 Proton Gantries,  
3 CT Simulators, 1 HDR





# OUR TEAM

45 Staff Therapists, 5 Team Leads



**Wendy Lindholm**  
Therapist Supervisor



**Michelle Ketelsen**  
CT Sim Team Lead



**Brooke Horning**  
Photon Team Lead



**Wendy Tisue**  
Proton Team Lead



**Suzann Chungbin**  
Physicist/SGRT  
Champion

# SGRT CHANGES THE WAY WE TREAT

Surface guidance is a non-invasive tool that enhances treatment delivery and improves patient care





# SAFETY AND PRECISION

**See what you were unable to monitor before**

- Detect Movement
- Accurate Targeting
  - Improved consistency of setups
  - Reduce variations
- Increased Safety
  - Reduce Setup Errors
  - Superior patient monitoring

# IMPROVE EFFICIENCY

- Reduce Setup Time
- Improved Setups = Less imaging
- Less Trips into the room to correct setups
- Reduce anxiety for patients





- Especially Helpful for areas prone to movement or difficult setups
  - Breast
  - Lung
  - Prostate
  - Extremities
  - Head and Neck

# PATIENT SATISFACTION

## GO TATTOO-LESS

Eliminate the need for permanent tattoos or bothersome marks that stain clothing







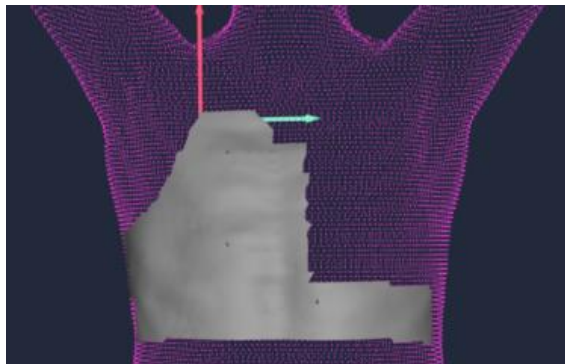
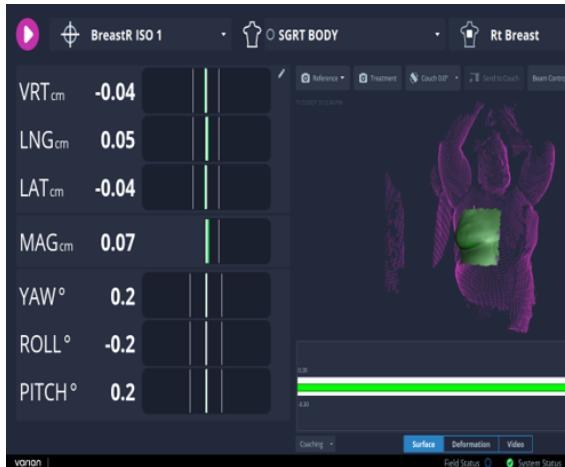
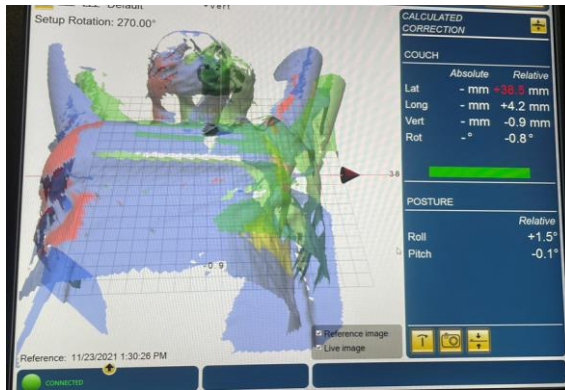
# **SOLD ON SGRT?**

## HOW TO CHOOSE YOUR SYSTEM

### **The Tale of Two Systems**

- We Have Two Systems
- Lessons Learned
  - Service Matters
  - Features Matter
- Our Pathway Forward
  - Aligning to One System
  - Super User Excellence





# IMPORTANT FEATURES

- Too much information is not helpful
- Clear edges and clean surface images are very important
- Ability to draw a good region of interest (ROI) is key to accurate delivery
- Ability to easily remove structures that interfere
- Analytical tools are extremely valuable



# NEVER UNDERESTIMATE THE NEED FOR SPEED

## Therapists Need Speed

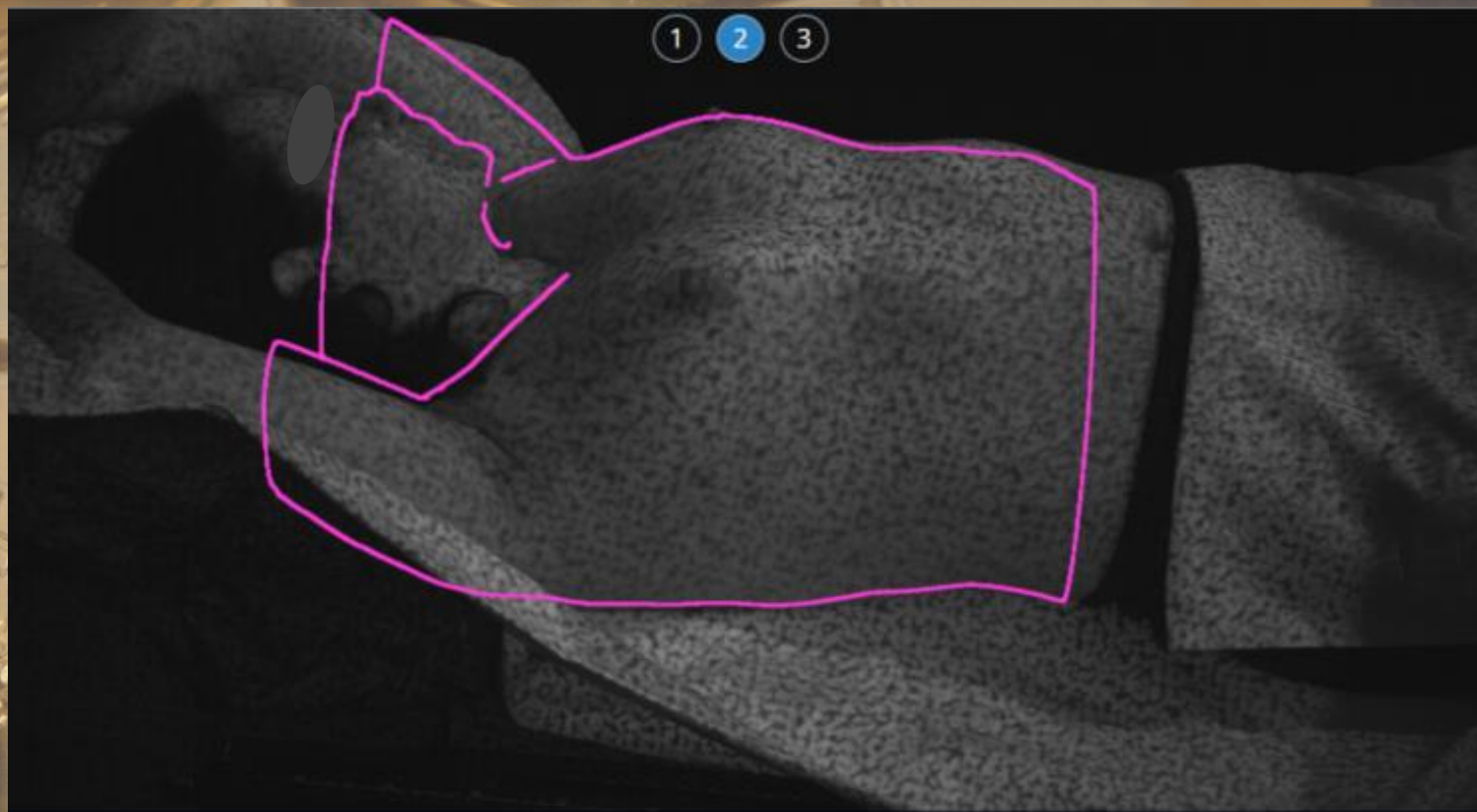
- Efficiency is key
- Real time adjustments
  - Patient Satisfier
  - Easier to use



# WORTH EVERY PENNY

## POSTURAL ALIGNMENT VIDEO

Features like Postural Alignment make AlignRT a standout. This one tool makes initial setup simple, easy, and makes the SGRT component work even better.







# SERVICE AND TRAINING

## THERE IS NO SUBSTITUTE FOR EXCELLENT SERVICE

### **Service makes all the difference**

- What does service look like
- What is the training
  - How connected are they
  - How often will they come onsite
- Are they open to hearing your challenges
  - Do they look for ways to help you succeed
  - Do they celebrate your success

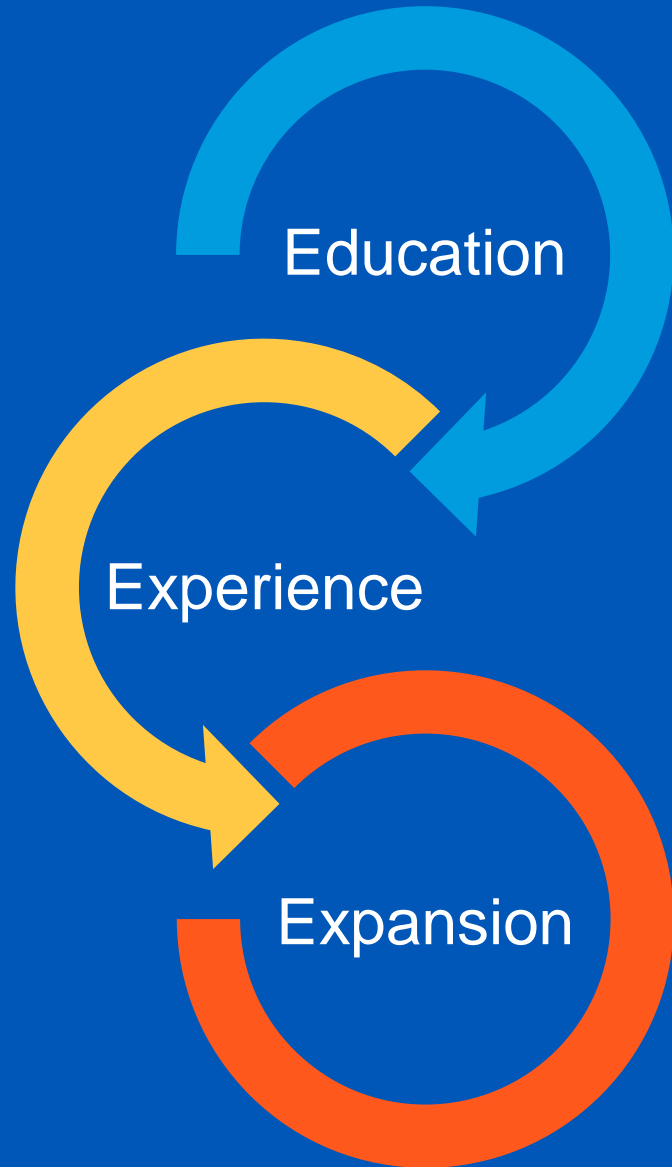
# YOU'VE CHOSEN SGRT

## HOW TO IMPLEMENT

Once you have chosen your system how do you move forward?







# IMPLEMENTATION PLAN

## MOVING THROUGH THE STAGES

### Stage 1

- Education, Prep work, and Go Live
  - Don't overwhelm your team
  - Recognize Challenges

### Stage 2

- Refine your process and develop skills
  - Lean into Training
  - Expand your use of the system

### Stage 3

- Full Immersion and adoption
  - Make impactful changes

# 1

## EDUCATION

## STARTING THE CONVERSATION







## STARTING THE CONVERSATION

- Engage your team with your sales rep and technical experts
- Let them ask questions
- Get them involved in the process
- Watch for interest and keep the conversation open



# SUPER THERAPISTS MAKE THE BEST SUPER USERS



# MAKE SURE YOU HAVE A PHYSICIST CHAMPION

Suzann Chungbin





# EXPERIENCE

# 2

## Teamwork Dreamwork

Track Challenges to look for patterns

Let your Super Users Provide Support

- Respond to assist with troubleshooting
- Continue to Build Confidence

Lean into your Training

- Follow-up Training is super important, be open and let them help you



# 3

## EXPANSION

When you learn to  
Soar!



**YOU MADE IT**

**HARD WORK**

**+**

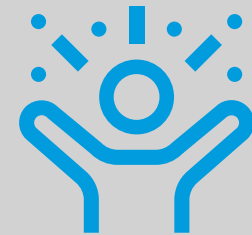
**DEDICATION**

**+**

**CONSISTENCY**

**=**

**SUCCESS**





# DON'T FORGET TO HAVE FUN

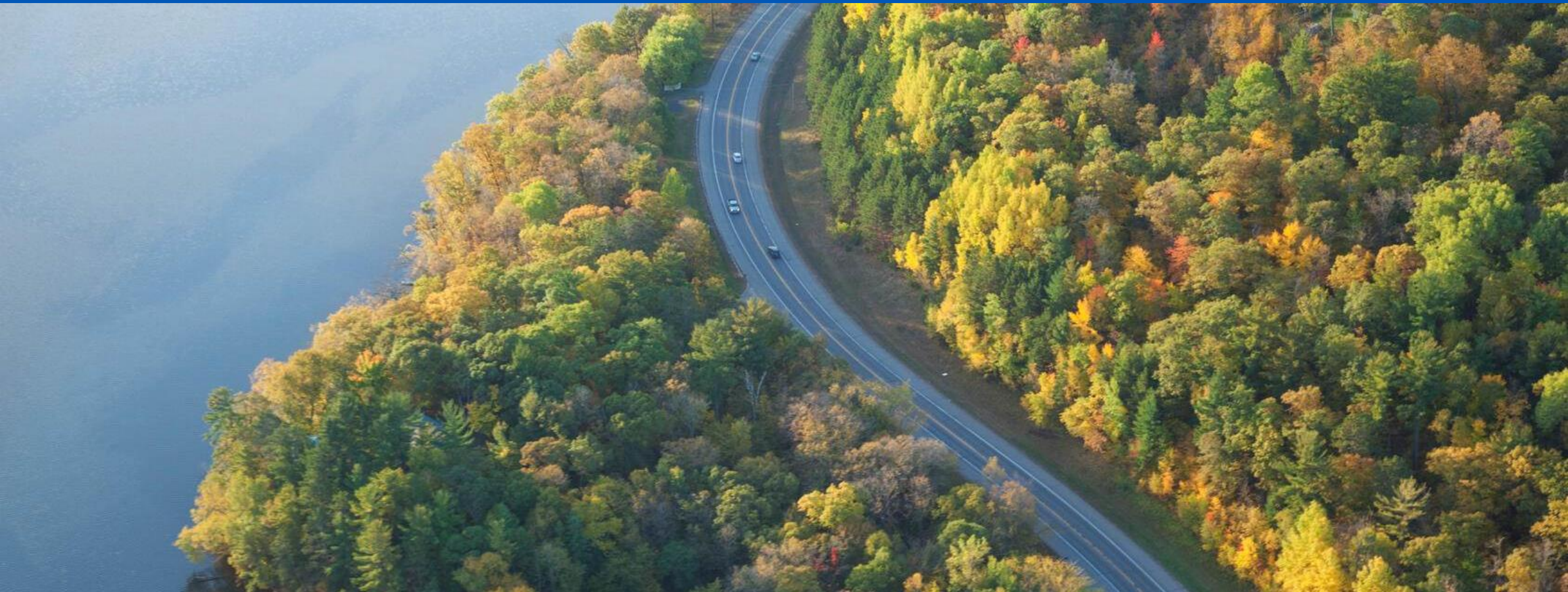
## Joy is Authentic

- Fun builds trust
- Enjoying the process for success
- Celebrate your success





**DURING ANY TYPE OF CHANGE, KNOWING WHAT YOUR TEAM NEEDS TO SUCCESSFULLY NAVIGATE CHANGE IS ESSENTIAL TO MAKE THE PROCESS AS SMOOTH AS POSSIBLE**





# QUESTIONS?