

REACHING NEW
HEIGHTS WITH
SGRT



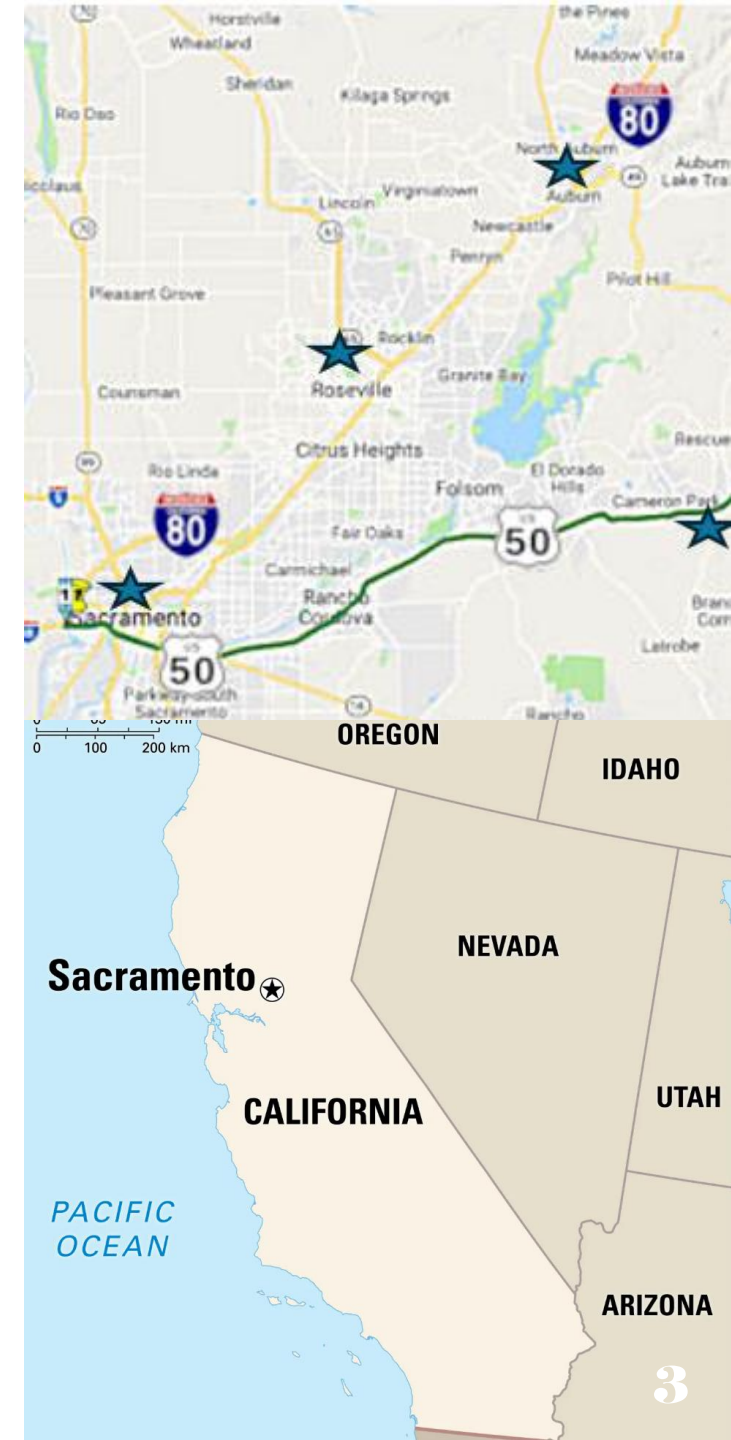
SGRT Operational Expansion: AlignRT Champion Group

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Sutter Medical Foundation

SGRT Operational Expansion: AlignRT Champion Group

Sutter ROC (formerly RAS)

- Auburn
 - Varian Truebeam w/ AlignRt, MOSAIQ, Philips Big Bore
- Cameron Park
 - Varian Truebeam w/ AlignRt, MOSAIQ, Philips Big Bore
- Roseville
 - Varian Truebeam w/ AlignRt & ExacTrac, Varian Truebeam w/ AlignRt, MOSAIQ, Philips Big Bore
- Sacramento
 - Varian Truebeam w/ AlignRt & ExacTrac, 2 Varian Truebeam w/ AlignRt, MOSAIQ, 2 Philips Big Bore (1 HDR suite)





Expansion

- Sutter is rapidly expanding
- New sites adopting AlignRt
- Attending Sutter ROC AlignRt meetings & in-services
- Shadowing ROC clinics

https://www.google.com/maps/search/sutter+radiation+oncology+california/@37.3664679,-127.2599871,5.75z?hl=en&entry=tту&g_ep=EgoyMDI1MDUxMy4xIKXMDQAAQAAQ&gclid=Cj0KCQj9h5nGCRQARwEAAQ

Sutter Mission

Our Values

Excellence

We deliver high-quality care, have courage to take on the toughest challenges and model stewardship.

Curiosity

We are constantly learning and creating new ways to advance healthcare.

Compassion

We show empathy and understanding in every personal interaction.

Inclusion

We cultivate a sense of belonging by creating spaces for all of our people to feel valued.

Teamwork

We collaborate with humility to create a unified experience at Sutter.

Integrity

We earn trust by doing the right thing and delivering on our commitments.

Champions overview



Voluntary committee of RTTs

Encourage feedback & participation in workflow improvements

Develop best practices

Update policies and procedures

Standardization

Collaboration

Peer coaching

Increase user comfort and competency

AlignRt Champion Group

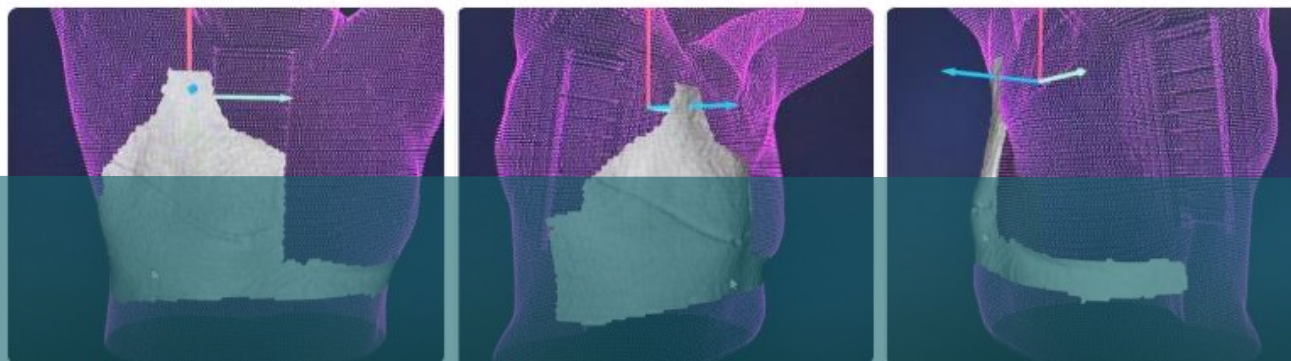
SUPPORTED THROUGH
TEAMS

Align RT trainer gave us insight for ROIs on pelvis and IMRT breast patients.

Pelvis: This ROI allows us to keep the sheet higher on the pt for modesty. Ensure the ROI is drawn mid lateral, up to cr on the AP.



IMRT Breast: Add a small strip of ROI on contra-lateral side and ensure to draw ROI mid lateral on both sides.

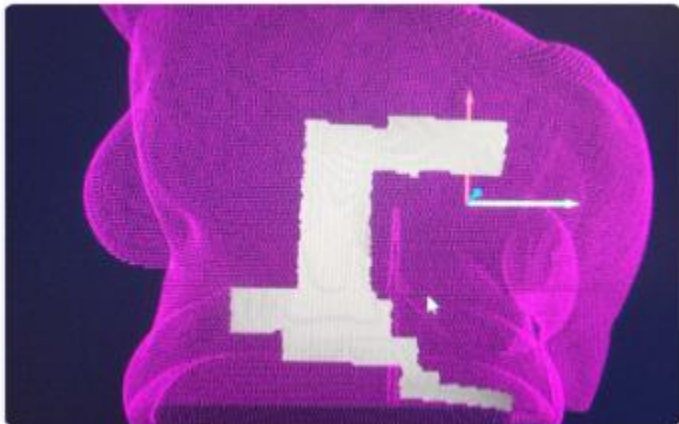


The new Align RT software can now see the "grey" area on the sides of the patient that it wasn't able to read as well previously. This is emphasized to draw ROIs more mid lateral on patients.

Hope this helps!! ROC THERAPISTS

Participation

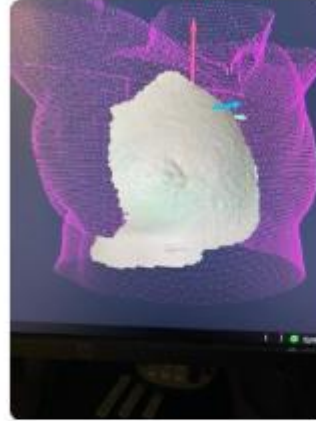
- Monthly committee meetings
- Forum for idea sharing (TEAMS)
- ROI competitions
- ROI ideas and questions
- SGRT community information
- In-service trainings



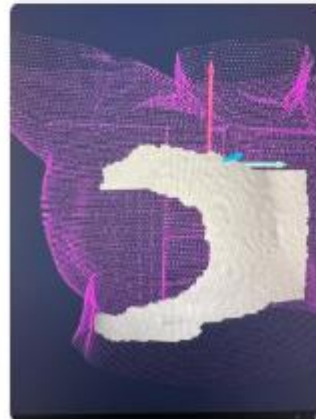
Lt breast re-tx with her lt arm down; pt was in a lot of pain therefore wasn't very helpful during setup 🤔

Aub case study

First image of our ROI attempt #1



Second image of our improved ROI



ROI example for pt's with Mepitel



ample of the ROI for a RT CW Mepitel patient.

THERAPISTS

Align RT Champion Group

Meeting Agenda

4/28/2025 @ 1:30 pm

No.	Agenda Item
1.	Sharing AlignRT wins- CP email
2.	Exactrac added to Align RT group: Invite a staff member from SAC A + RSVL 1- Jamile from RSVL 1. Need a representative from SAC A
3.	How is beam hold going for BH cases? Should Beam Hold be implemented on all <u>pts</u> ? Going to be discussed at next lead huddle
4.	SGRT 101: The Seven Stages of SGRT webinar The recording will be posted on Thursday, 5/1. Two-part section. Not sure how much will pertain to us.
5.	Open forum and discussion with CPMC staff- CPMC requested info per disease site of recommendations for set up and ROI placements

Align RT Open Actions

No.	Action/Discussion	Who	Status or Comment
1.	ROI Case Study Presentations	JO, LS, BB, YN, CDP	Sac to post ROI in April
2.	Standardize beam control to other machines that have capability for BH case.		Review procedure with Align Rt group + present at next lead huddle
	Align Rt training for all sites week of Sept 8 th . Task: Select which day Kristen will be scheduled at each site.		Carissa will follow up with Kristen to select which dates she will be at each site
3.	In-service presentation 1. 'send to couch' the vert while on BH or just on free breathing? - Apply pitch, roll, yaw and vert on FB. Only 'send to couch' long + lat on DIBH. (include topic at in-service)	LS, JO	In progress- JO and LS in-service presentation scheduled for May 21st 11:30-12:30.

Wins

No.	Action/Discussion
1.	YN + BB +CDP to join group
2.	ROI case studies posted monthly
3.	Jagged edges on ROI's resolved

4.	Align RT for static fields SSDs
5.	Updated SBRT DIBH policy
6.	ROI contests: 2 times per year, best clinical application and creativity
7.	RSVL 2 Beam control for DIBH cases
8.	Collaborating with CPMC staff to share Align Rt workflows
9.	LS + JO in-service: Troubleshooting Align RT clinics issues
10.	JO's abstract accepted for SGRT conference
11.	CPMC + Santa Cruz invited for in-service presentation

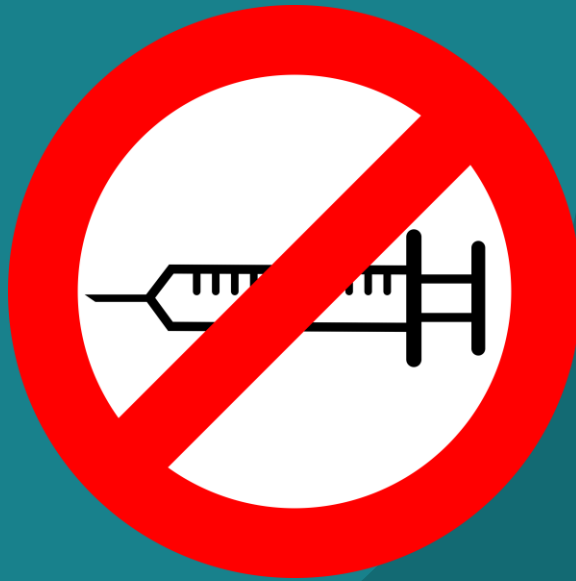
Align RT Parking Lot

No.	Items on Hold
1.	Charging for Align RT in addition to the daily tx charge on cases w/o CBCT. On hold until after Quick Code is rolled out. (Rad On hold until after Quick Code is rolled out. (Rad Formation/Ray Station April 2025)
2.	Internal Open face mask + ROIs case study Exact trac vs. Align RT case study and Align RT w/ deaf pts for SGRT conference

Achievements to Date

Fully tattooless at all SMF ROC sites	Weekly SSDs captured with ART	SGRT capture standardization	Beam control standardization	Physicians granting autonomy to RTTs in setup decisions
Standardized workflow efficiencies	3-point data for prone set ups	ART data to all matched machines	Error prevention through data sharing	Contributed to safety culture
Dosimetry standardization of labeling	Troubleshooting manual vs auto contouring effects on ART	Exploring the potential for reducing reliance on immobilization	Holding in-services as needed	Secondary ROIs
	Case studies	Postural alignment	Annual RTT competencies	

Tattooless



Utilized smaller clinics for beta sites

Pelvis > Thorax > All sites

Challenges

- Prone set ups
- Electron set ups
- Decubitus set ups

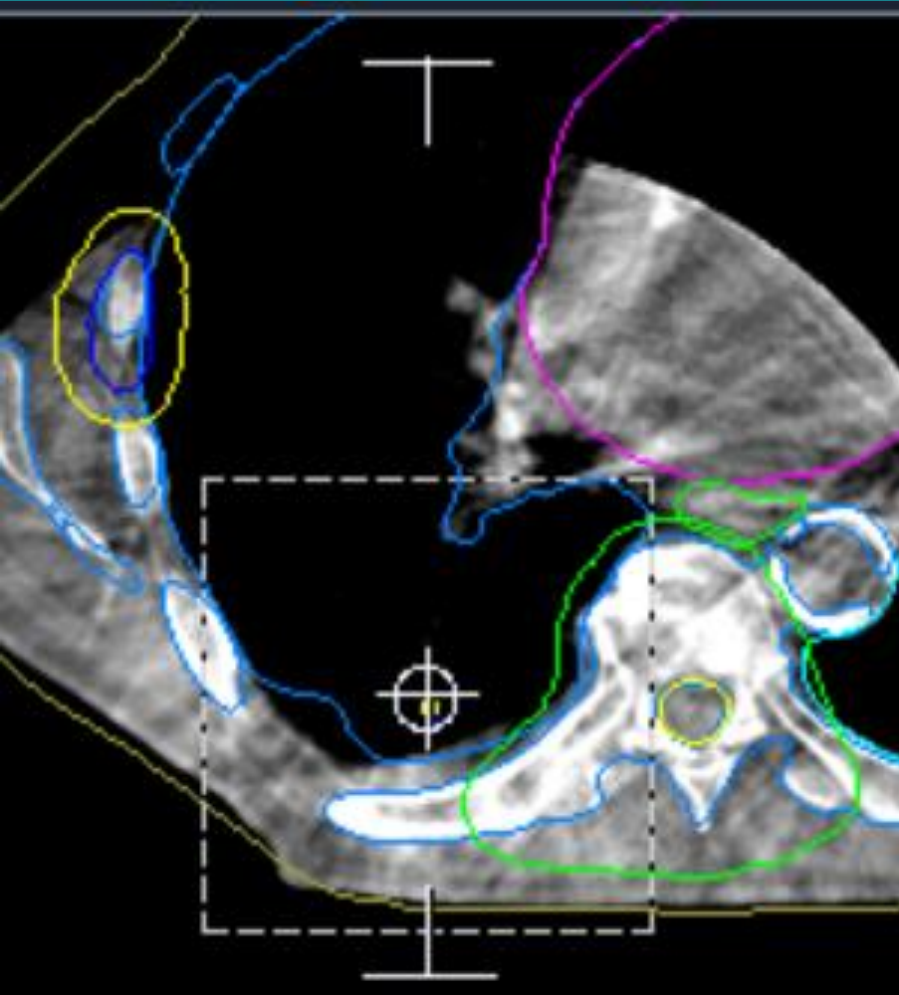
Increase indexing while decreasing immobilization

DIBH treatment of ASL patient



- Set up in room using touch for coaching
- AlignRt illumination used as coaching for breath hold during treatment
 - Illumination (Play) = breath hold
 - No illumination (Pause) = Free breathing

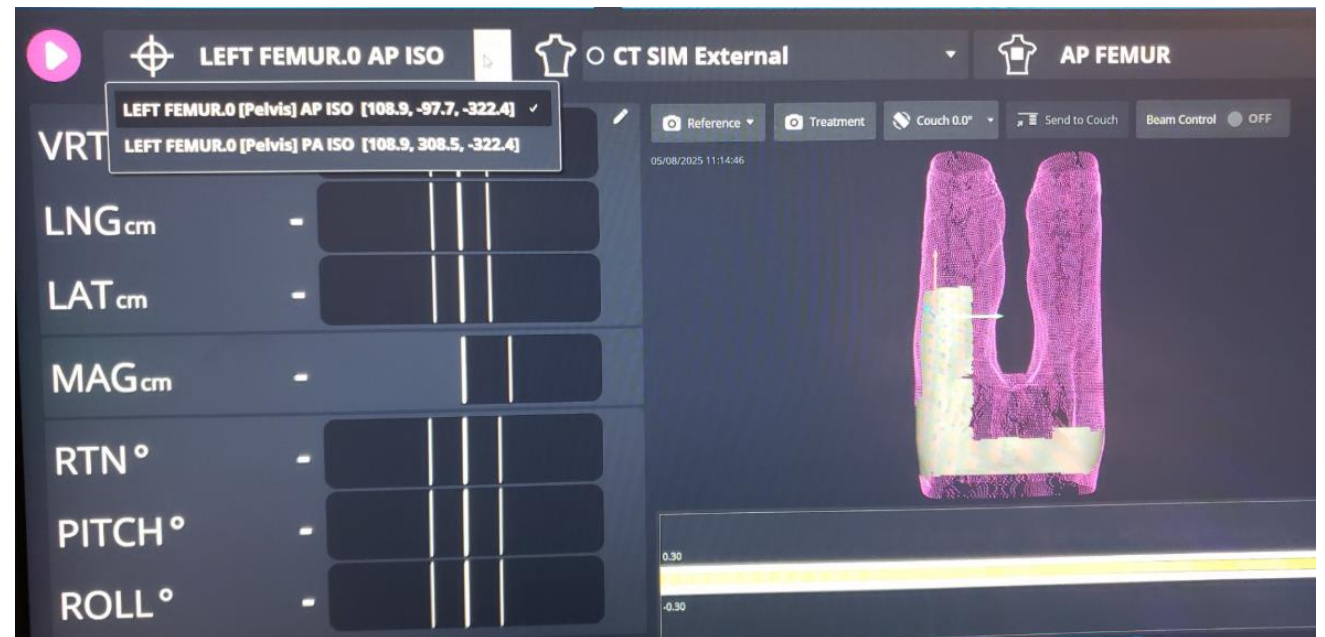
Dual Iso



- 2 isocenters visualized in one CBCT
- AlignRt used to setup iso 1
- CBCT & shift
- Manual shifts made to 2nd iso
- Reference capture @ 2nd iso & send to couch in lieu of CBCT

Extended SSD

- AP/PA Femur treated @ SSD110cm
- Set up ant iso w/ AlignRt utilizing postural alignment
- CBCT, shift, & capture reference
- Make vert shift in tx room for PA SSD & verify shift w/ postural alignment
- Capture reference @ PA for monitoring
- Send “0” to couch to treat (in lieu of CBCT)



Take aways

Champion Committee has accelerated adoption & use of AlignRt

Peer training

Increased competency

Enhanced communication

Collaborative decision making (among RTTs & interdepartmental)

Aided in growth and expansion of Sutter sites

Goal to encourage participation amongst other groups

Sutter values of excellence, curiosity, teamwork and inclusion

Thank you!!

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