



SGRT in Saudi Arabia: Transforming patient care and outcomes

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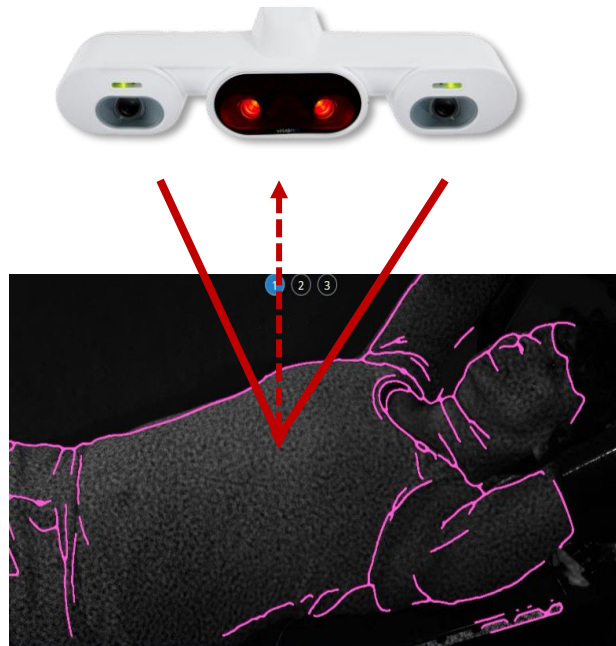


Outlines

- Introduction
- Implementation at our center
- Patient care improvements
- Challenges and solutions
- Conclusion

Overview of SGRT

- It uses a 3-Camera system to create a 3D surface model to reference thousands of points on the skin acting as virtual markers which in turn would allow accurate positioning and monitoring during setup and radiotherapy treatment.



Implementation at our center

- SimRT & AlignRT
- Oct. 2-5,2023: Offsite training at AlignRT Training Centre ,Dubai
- Nov. 13-17,2023: Installation of Horizon cameras
- Nov. 17-21,2023: Onsite training for staff
- December 3,2023: First patient treated using SGRT in the Kingdom od Saudi Arabia



Go-live



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AVOID TATTOOS &
MARKS

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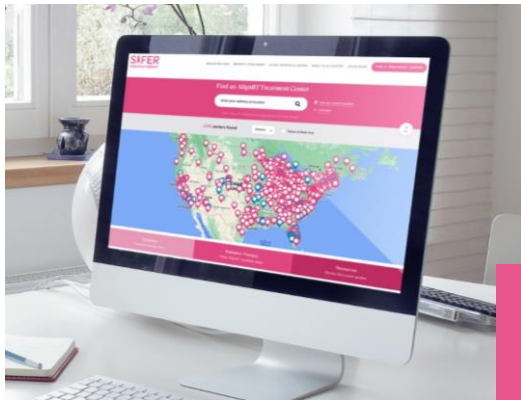
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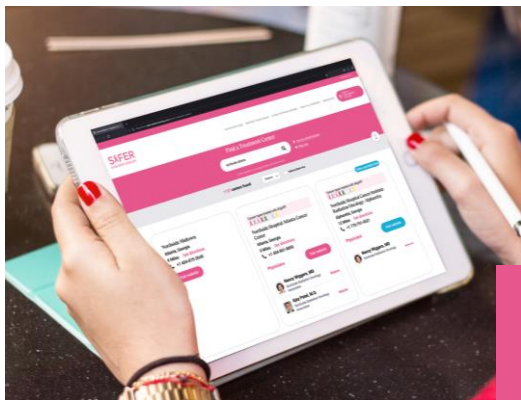
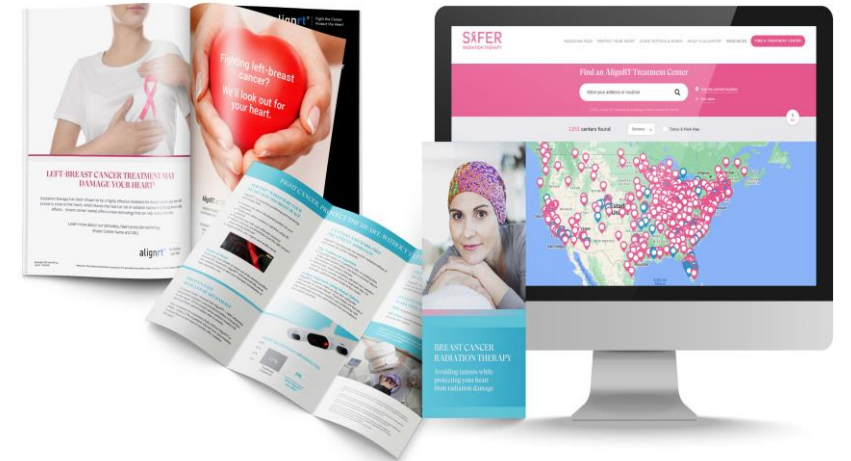


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TREATMENT AWARENESS
Accurate, Safe, Tattoo-Free Treatment



TREATMENT LOCATOR BY ZIP CODE
Centers & Specialist with AlignRT



Patient care improvements

SimRT installed at the CT sim

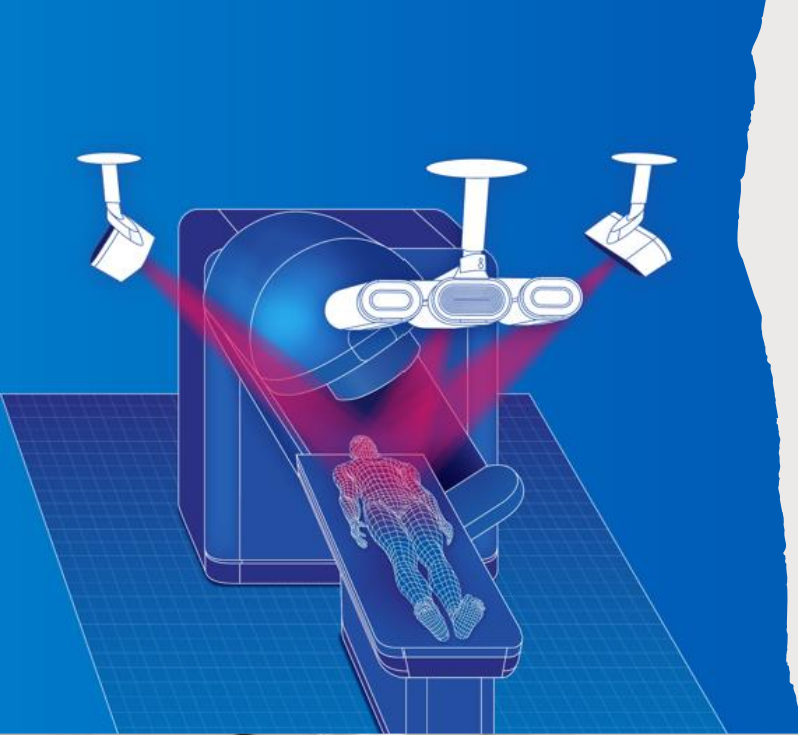
Completely Non-invasive and Non-ionizing system

- No dependence on breathing surrogates
- No physical distraction for patients
- No tracking equipment for the user to set up

Real Time Coach Display:

- Coaches patient on breath-hold level
- No patient contact for minimal infection risk
- Simple and intuitive visual feedback for patients





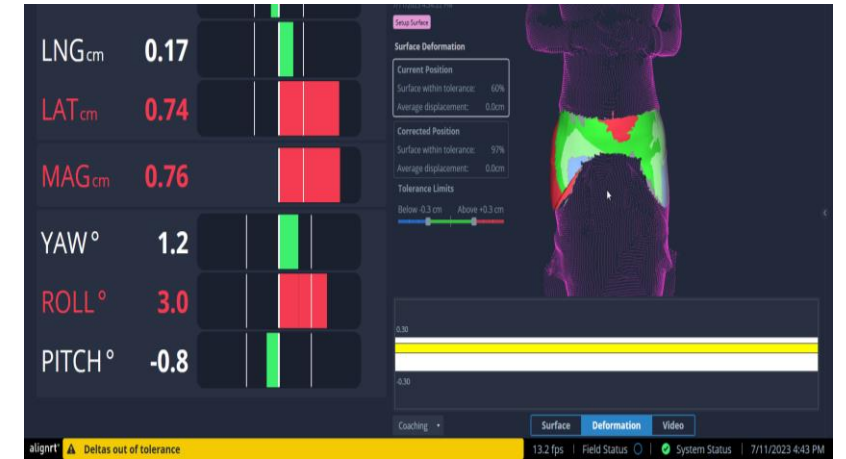
Patient care improvements

- **AlignRT** Installed in 1 out of 2 Linacs
- Almost all treated patients are breast, both Rt & Lt, FB & DIBH
- Improved patient satisfaction and comfort due to the absence of a spirometer and additional accessories (wireless, contactless)
- Tattoo-less & mark-free treatment
- Software upgrade and system maintenance - No downtime

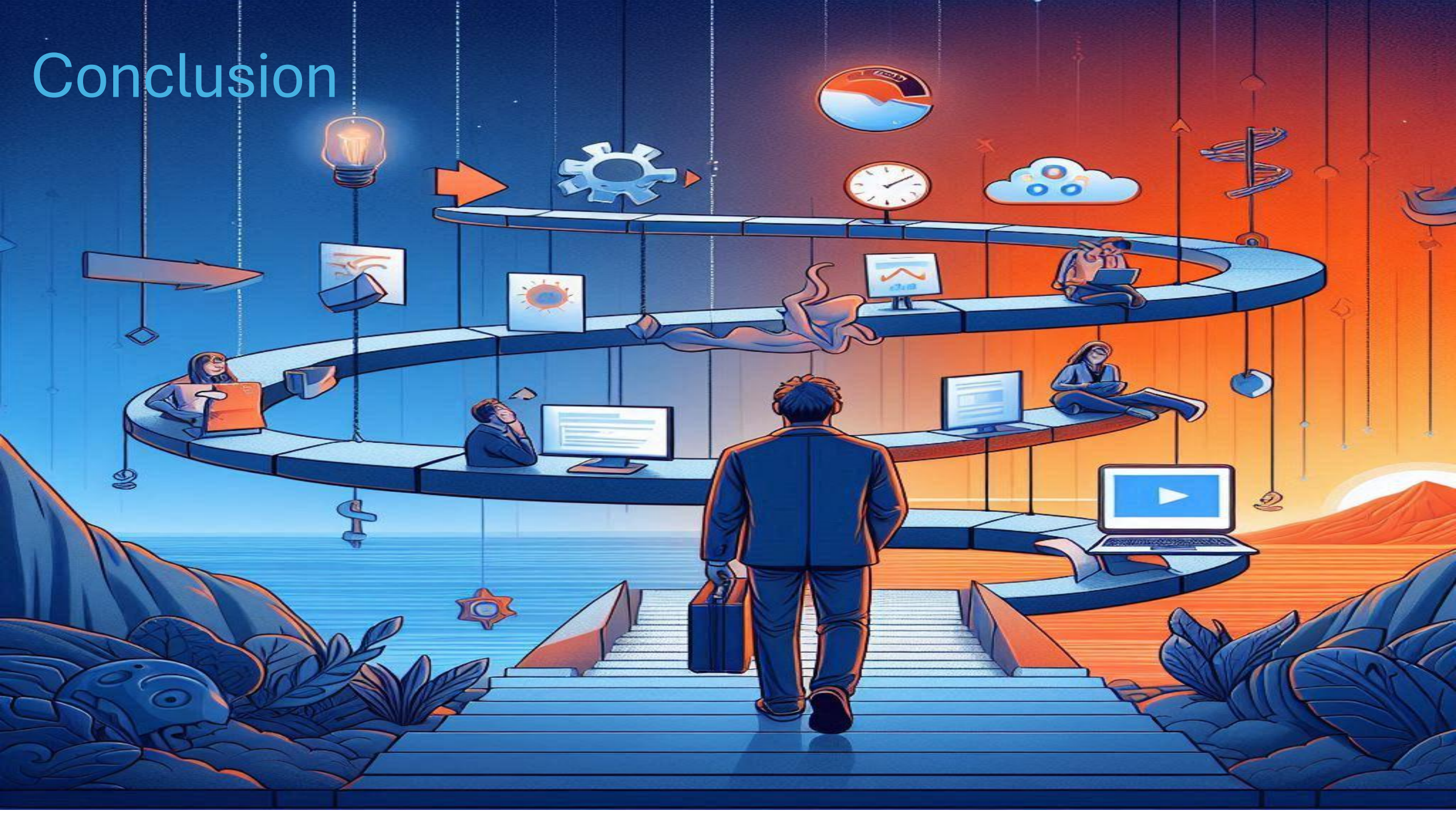


Challenges and solutions

- Time efficiency for overall treatment not reduced due to repeated imaging for each session
- Pelvic cases
- Thermoplastic mask



Conclusion



Thank you

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