AlignRT InBore Clinical Summit: Transforming Radiotherapy Workflows

Choosing Your SGRT System. Clinical Benefits & Needs

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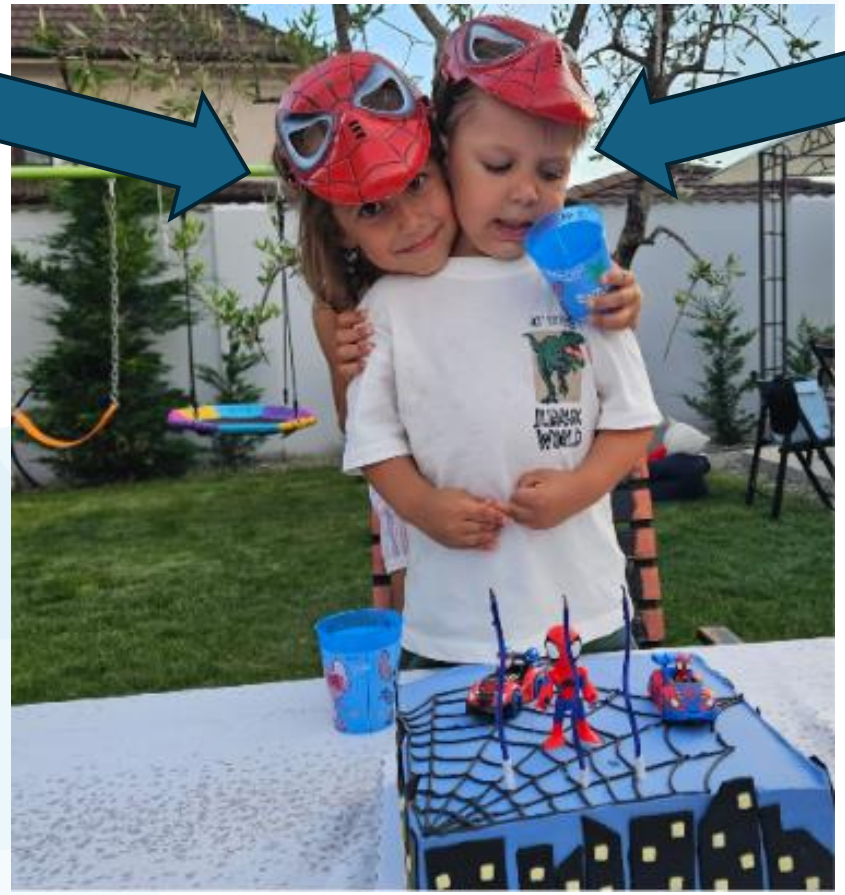
Evora



Roan

Andrei

Florin

Our Clinical Environment

- Two Varian Halcyon linear accelerators
- High patient throughput
- Growing demand for precision treatments
- Focus on safety and workflow efficiency

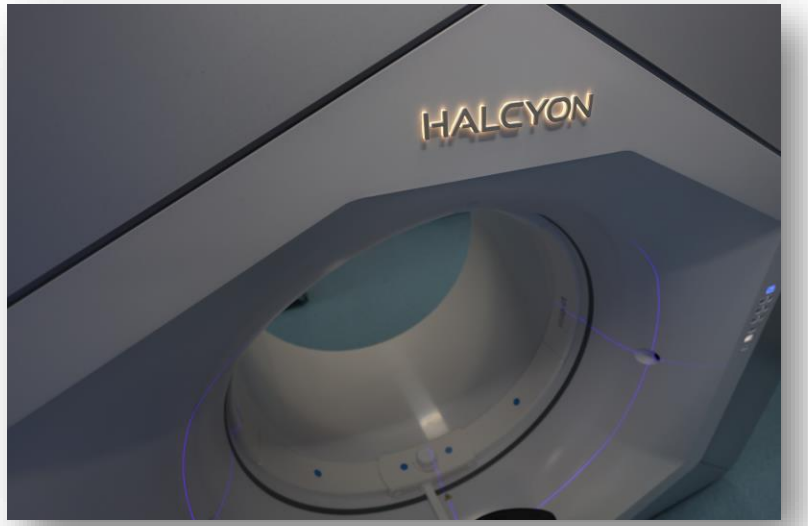
Milestones in Our Center

- May 2020

  First Halcyon installed in Romania

- May 2022

  First center in Romania with twin Halcyon accelerators



- November 2023

  First AlignRT InBore system installed in Romania

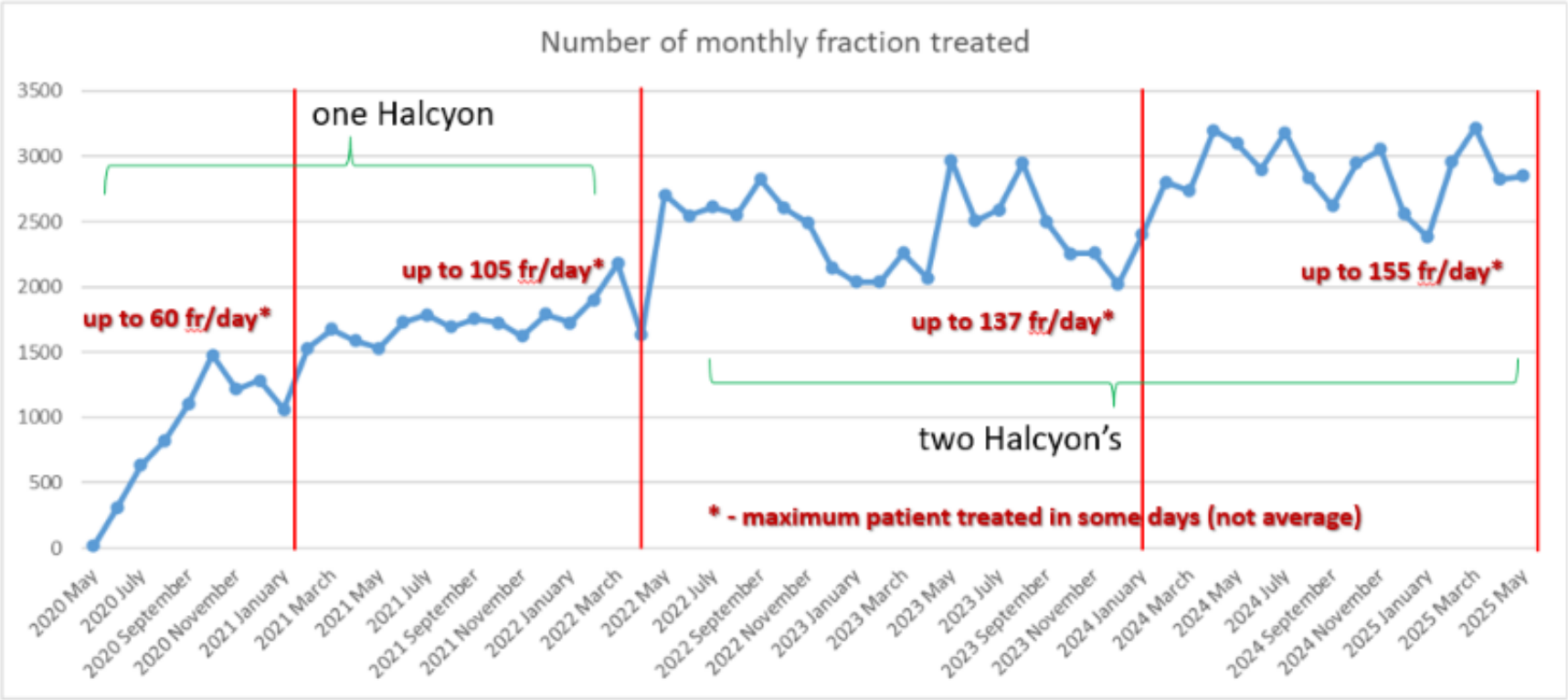
- October 2024

  Implementation of SimRT workflow

- July 2025

  Second AlignRT InBore system installed in Romania

Milestones in Our Center



Milestones in Our Center

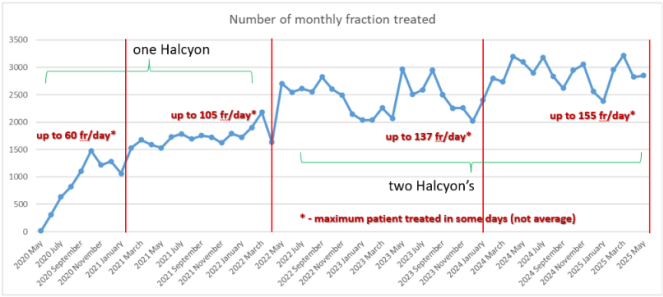
TREATMENT TIME / PATIENT

DECEMBER 2020 - 11.25 minutes

DECEMBER 2021 - 8 minutes

OUR GOAL - 6 minutes

TODAY- less than 6 minutes



Milestones in Our Center

- **December 2023**

  DIBH workflow implementation

- **May 2024**

  Maskless Head & Neck workflow implementation

- **June 2025**

  Tattooless SGRT for breast patients

- **March 2026**

  SGRT workflow for SBRT implementation

Milestones in Our Center

TODAY

Twin Halcyon accelerators

Twin AlignRT InBore systems

Why We Started Looking at SGRT?
Clinical Needs

- Additional layer of patient safety
- Continuous monitoring of patient position
- Reduced setup uncertainty
- Improved workflow consistency
- Advanced techniques (DIBH, DEBH)
- SBRT treatments
- Need to reduce imaging dose

But...what is SGRT?

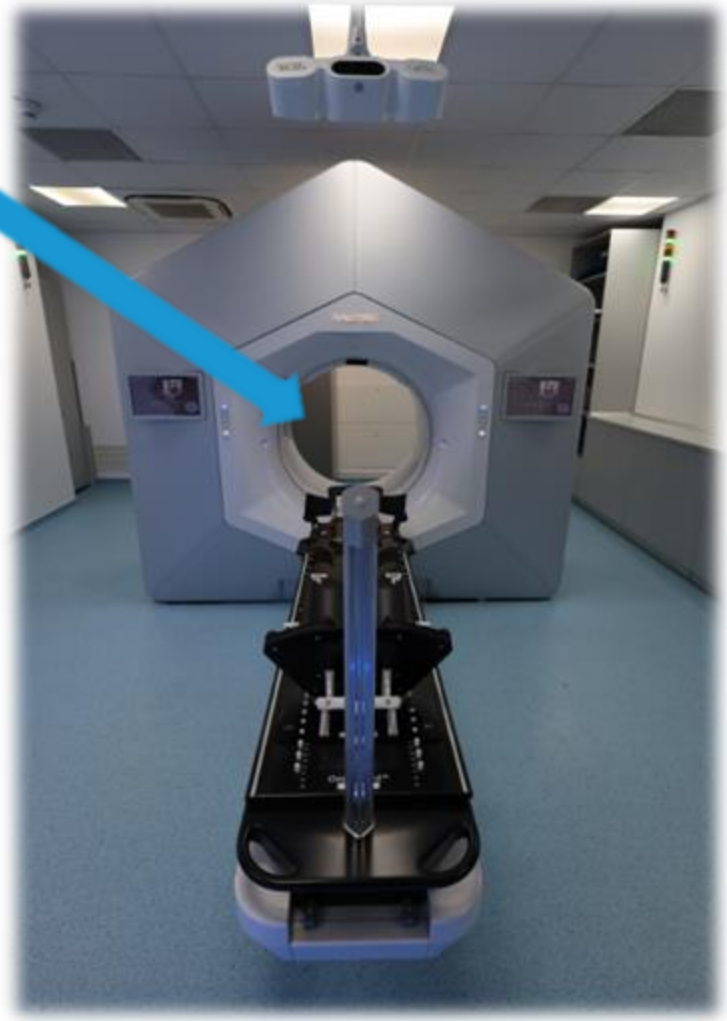
- Uses optical cameras to capture patient surface
- Creates a 3D surface model
- Compares patient position to reference surface
- Provides real-time tracking
- Enables motion management and gating

The Challenge with Bore-Based Treatment Systems

The Halcyon Environment

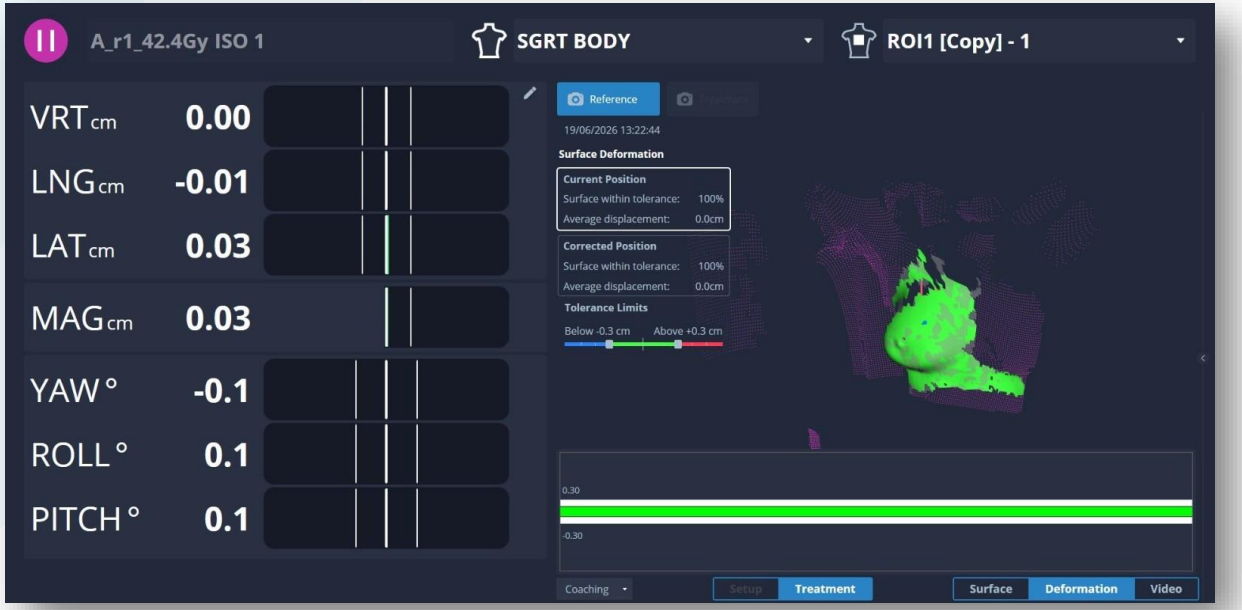
- **Patient positioned inside a treatment bore**
- **Conventional SGRT systems have limited visibility**
- **Continuous monitoring becomes challenging**
- **Need for a dedicated solution**

Please insert patient here...



Why Align RT InBore Was Different?

- Developed specifically for Halcyon workflows
- Surface monitoring inside the bore
- Continuous patient tracking
- Seamless integration with treatment workflow



What We Considered During Evaluation?

- Clinical performance
- Surface visibility inside the bore
- Workflow integration
- Ease of use for RTTs
- Reliability
- Vendor experience and support

Clinical Benefits Observed

- Additional verification layer
- Increased confidence during setup
- Real-time patient monitoring
- Enhanced safety culture
- DIBH treatments
- SBRT/SRS
- Head and neck - maskless

Lessons Learned

Implementation Experience

- Staff engagement is essential
- Training drives adoption
- Define workflows early
- Focus on clinical objectives

Key Takeaways

Choosing the RIGHT SGRT System

- Start with clinical needs
- Consider the treatment environment
- Evaluate workflow impact
- Think beyond setup accuracy
- Continuous monitoring adds value

SGRT COMMUNITY

THANK YOU!

SGRT.ORG