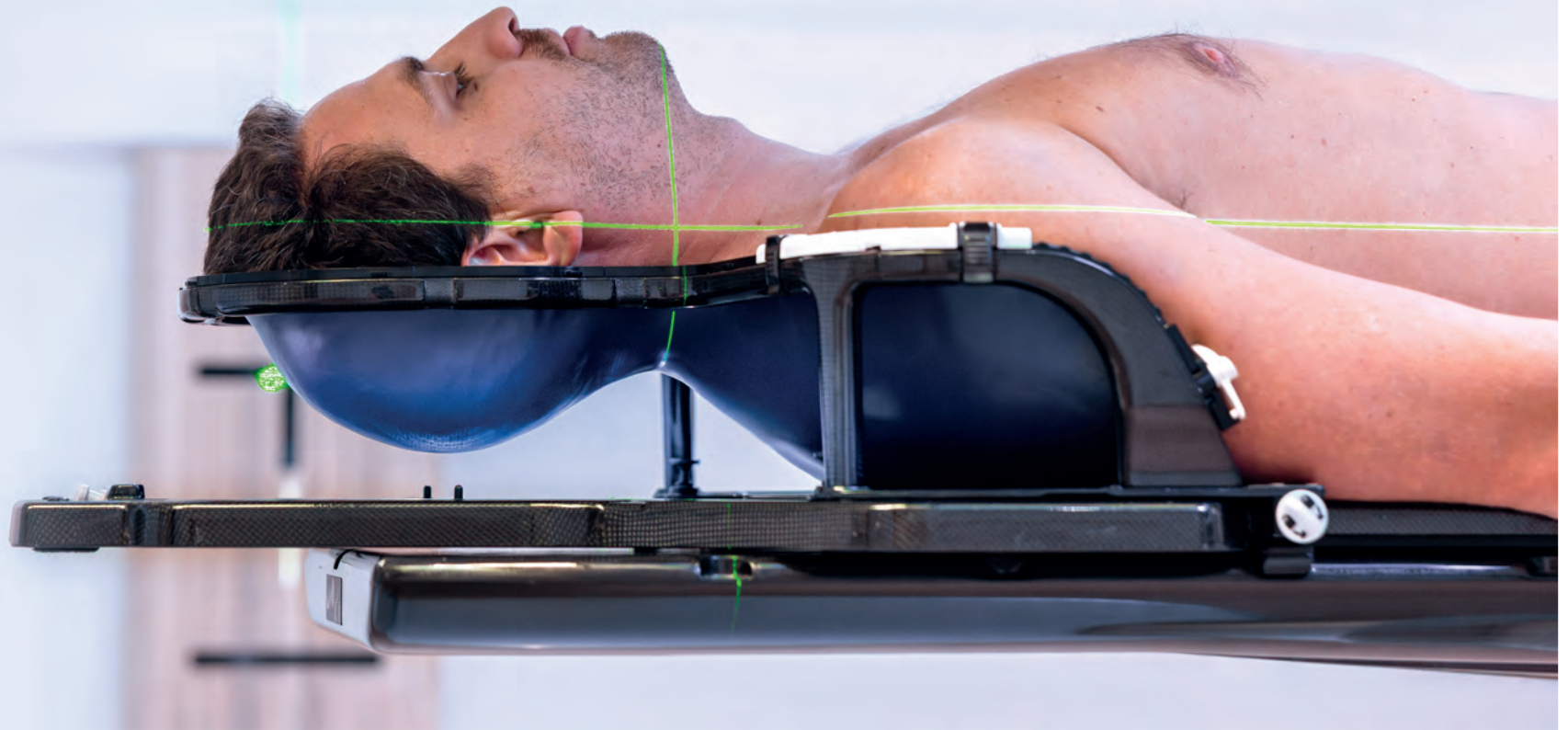


DSPS-*Prominent*[®]

Maskless treatment with SGRT



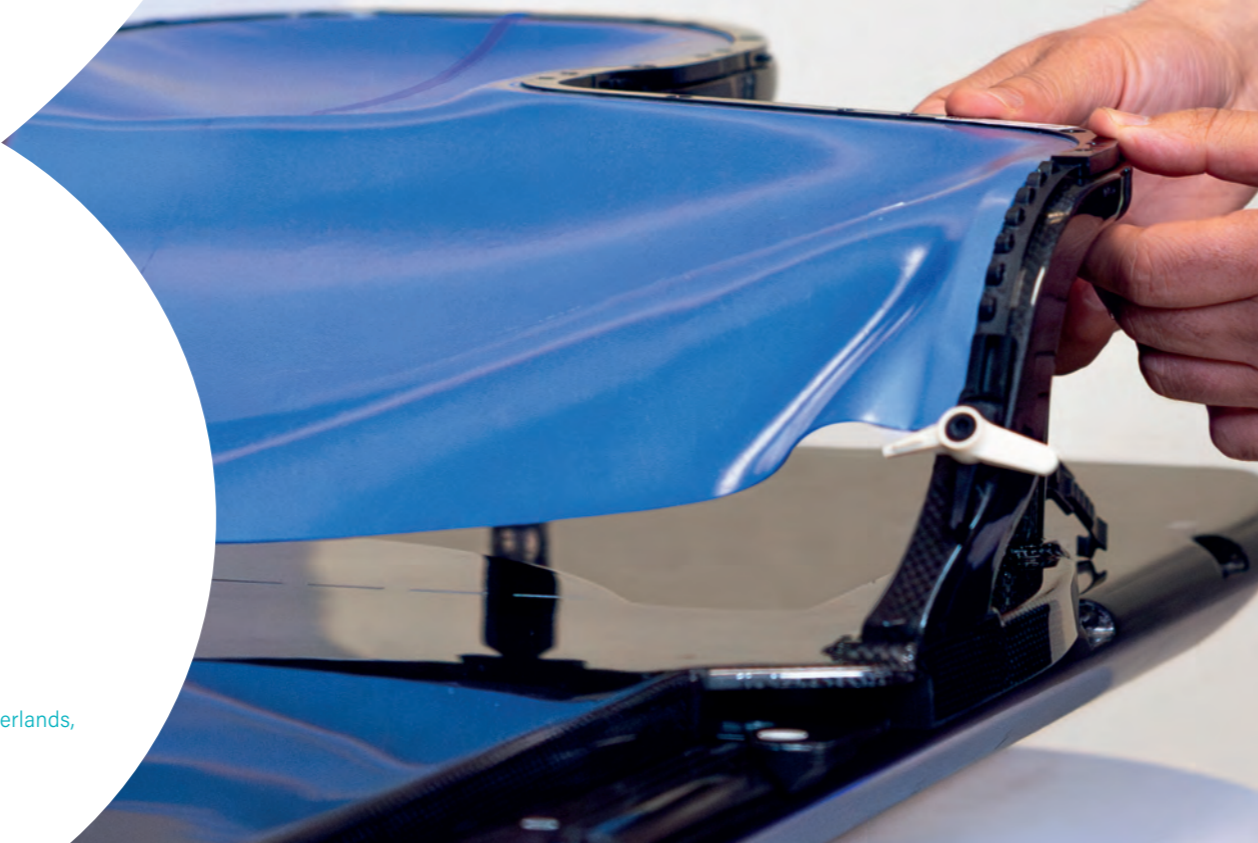


Intrafraction motion of patient during 'maskless' treatment with the DSPTS-Prominent® system

| Mean ± 1 SD | CBCT | SGRT |
|---------------------------|-----------|------------|
| Vertical (mm) | 0.0 ± 0.9 | 0.1 ± 1.0 |
| Longitudinal (mm) | 0.2 ± 1.0 | 0.0 ± 0.9 |
| Lateral (mm) ³ | 0.0 ± 0.8 | 0.0 ± 0.7 |
| Pitch (°) ³ | 0.0 ± 0.6 | -0.1 ± 0.6 |
| Roll (°) ³ | 0.0 ± 0.7 | -0.1 ± 0.5 |
| Rotation (°) ³ | 0.1 ± 0.5 | 0.1 ± 0.4 |

Data courtesy of Instituut Verbeeten, Department of Radiation Oncology, Tilburg, The Netherlands, as published in the Green Journal of Radiation and Oncology.

The DSPTS-Prominent® system combined with surface-guided radiation therapy (SGRT) offers an advanced solution for patients who cannot tolerate standard thermoplastic masks. This unique approach, featuring a personalized posterior shell, delivers clinical accuracy with increased patient comfort.



Maximum comfort
Avoids claustrophobia and discomfort, especially needed for patients with tracheostomies, hypersalivation, or psychological stress.



Uncompromised precision
Submillimeter accuracy and consistent reproducibility when combined with SGRT.



Fewer interruptions
Less than 4% of treatments require repositioning, enhancing workflow and reducing treatment time.¹



Reduced re-scans & re-plans
Eliminates issues caused by changing anatomy, no pressure from mask fit, no unnecessary replanning.

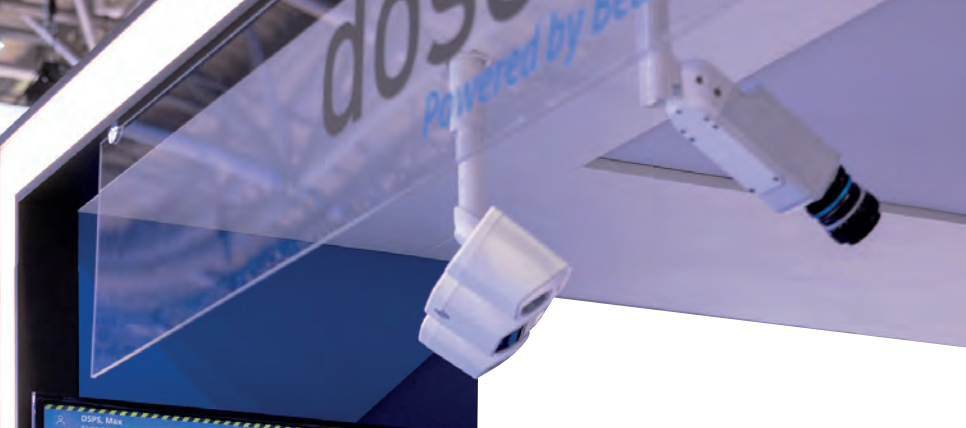


Clinically proven margins
Routine 3–4 mm PTV margins maintained safely throughout treatment.^{1&3}



Integrated compatibility
Fully compatible with CBCT, SGRT, and MR-guided techniques. Options available for both cradles and baseplates.





Jonathan Dadoun, Physicist, Centre de Radiothérapie Guillaume le Conquérant, Le Havre

The DSPS-Prominent® posterior mask stabilizes the head, neck, and shoulders with high reproducibility, comparable to traditional full-face masks. Vision RT® technology continuously monitors patient position using surface guidance. Any movement outside pre-set thresholds is immediately detected.



Marion Essers, Medical Physicist at Instituut Verbeeten, The Netherlands

By replacing traditional face masks with SGRT and a dorsal shell, we can offer H&N cancer patients a more comfortable radiotherapy treatment experience without sacrificing the treatment accuracy.

This technique is just as precise as using a traditional mask, but it significantly improves patient comfort. For many patients it is a big relief not to have to wear a face mask during treatment.



Dr. Paul Lesueur, Centre de Radiothérapie Guillaume le Conquérant, Le Havre

The DSPS-Prominent® with Vision RT® provides a safe and effective alternative for patients who previously refused treatment due to mask intolerance.

