



Gating Feedback

The visualisation of gating thresholds by means of coloured light feedback ensures rapid patient adaptation for breath-guided radiation techniques and enables thresholds to be optimized.

For the application of Deep Inspiration Breath Hold (DIBH) and also Free Breathing techniques, the cooperation of the patient is essential for an exact and safe radiation. Gating Feedback provides you with a contactless, intuitive and accessory-free solution to support your patients in achieving the optimal breathing curve: Instead of a monitor or accessory, the patient receives feedback on their breathing through a lighting change: Is the patient breathing within the set gate, gating feedback colors the room green. If he crosses the threshold, the light turns orange. Below the gate and during the radiation breaks, the light remains white.

Via the respective interoperability agent, currently available for the gating systems Catalyst™ from C-RAD and AlignRT® from Vision RT, the information on the patient's respiratory curve is transmitted live to the security interface in order to automatically adjust the light settings of the ambient lighting panels.

Gating feedback can also be used in CTs.

Your added value

- Reduced training times through intuitive and quick adaptation on the patient side
- Increasing patient cooperation and support in carrying out the radiation
- No additional control unit due to the automated, interface-based information transfer between the interoperability agent and the gating system used
- No additional effort when setting up the patient and the application
- No cleaning required
- Also suitable for masked patients

Important notes: The respective technical specification and the user manual must be observed for proper and intended use.

For your patients

- The contactless and accessory-free solution is hygienic
- The colored light-controlled breathing feedback is intuitive and easy to understand
- No impairment of the field of vision
- After a short training, the necessary breathing becomes intuitive

Your benefits

- Intuitive, easy-to-understand patient feedback, also perceptible in the peripheral field of vision
- Contactless, accessory-free and hygienic
- Supports an optimization of the gating thresholds and thus the best possible protection of the surrounding tissue
- Comparatively short training times reduce treatment and equipment times
- Multilingual available

Functions

- Automatic control of the Ambient Lighting Panels according to the patient's gating status
- Interoperability agent to support C-RAD, visionRT or Varian gating systems
- Operation via touch-controlled Terminal

Below you will find the basic configurations (Flexes) to which other OPASCA users have chosen the feature gating feedback as an add-on:



OP-SAS-SA-PSS-RT-0001
Safety Base Light

Contactless, label-free and fully automated protection against accidental radiation for patients, specialist staff and non-employees.



OP-SAS-SA-PXP-RT-0001
Patient XP

With Ambient Music and Ambient Lighting, you can design an individual treatment environment for your patients with just a few touches of your finger, thereby increasing patient cooperation.



OP-SAS-SA-VMB-RT-0001
Video Monitoring Basic

High-resolution, distortion-free, wide-angle and radiation-resistant camera images ensure high-quality and long-lasting video surveillance in the treatment room.