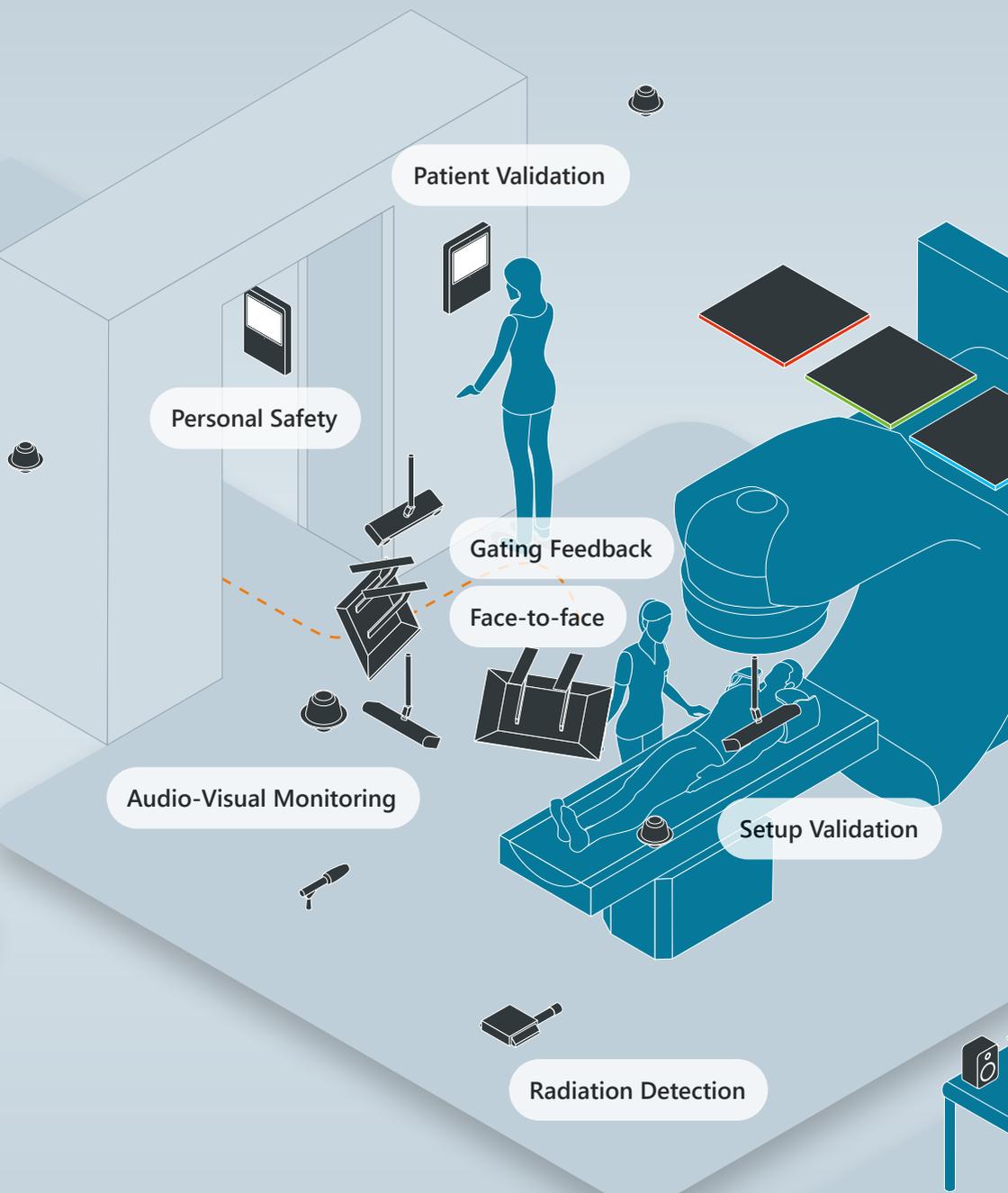


OPASCA Safety & Wellbeing Suite



Oncology Imaging Systems



Patient Validation

Personal Safety

Gating Feedback

Face-to-face

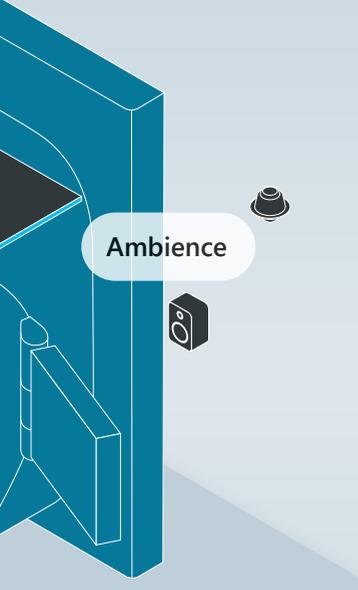
Audio-Visual Monitoring

Setup Validation

Radiation Detection

Safety and comfort for both patients and staff

The OPASCA Safety & Wellbeing Suite offers your patients and staff a range of safety mechanisms for your clinical routines. Individual modules such as audio-visual room monitoring, radiation detection or video-based patient and setup validation can be combined to form an integrated safety system that protects everyone involved in the process, and provides a positive environment to aid patient and staff wellbeing.



Ambience

About OPASCA

OPASCA offers modular all-in-one solutions for safe, efficient and smooth processes in everyday clinical routines. Together with you, we create the optimal clinical workflows for your facility through standardisation and automation.

We offer tailor-made solutions that intelligently connect and network all people and components involved in treatment.



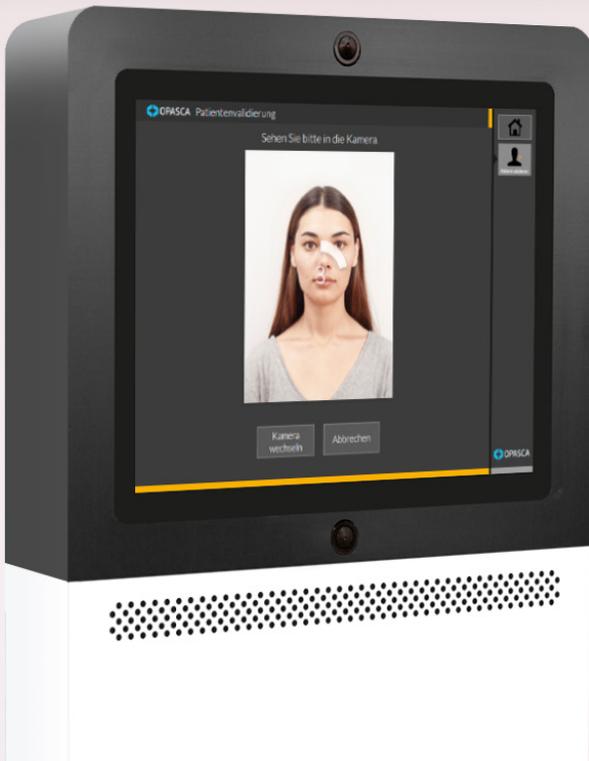
OPASCA Audio Visual Monitoring

OPASCA's Audio Visual Monitoring offers uninterrupted communication between staff and patients. The software and hardware are specifically developed for the harsh conditions of radiation, providing high-resolution real-time images thanks to durable, wide angle cameras. The reliable intercom filters out background noise, while the radiation-resistant camera system offers up to 30x zoom capability. The system is operated by an intuitive touch screen control unit.

OPASCA Personal Safety

Based on video-supported room analysis, the OPASCA Personal Safety solution guarantees maximum protection against unintentional irradiation. The software displays a warning when it detects there are persons or objects in the treatment room that do not belong there. The final release and confirmation remains with the personnel.





OPASCA Patient Validation

OPASCA Patient Validation records the individual biometric facial features of the patient. For follow-up appointments, the software compares the match of the current patient with the loaded patient data. Release or feedback on discrepancies is sent directly to the staff at the console.

OPASCA Radiation Detection

OPASCA Radiation Detection provides reliable feedback on potentially hazardous radiation doses in the treatment room. If a local dose above the threshold is measured, access must first be granted manually by the personnel. The continuous storage of all measurements enables weekly, monthly or annual evaluations.

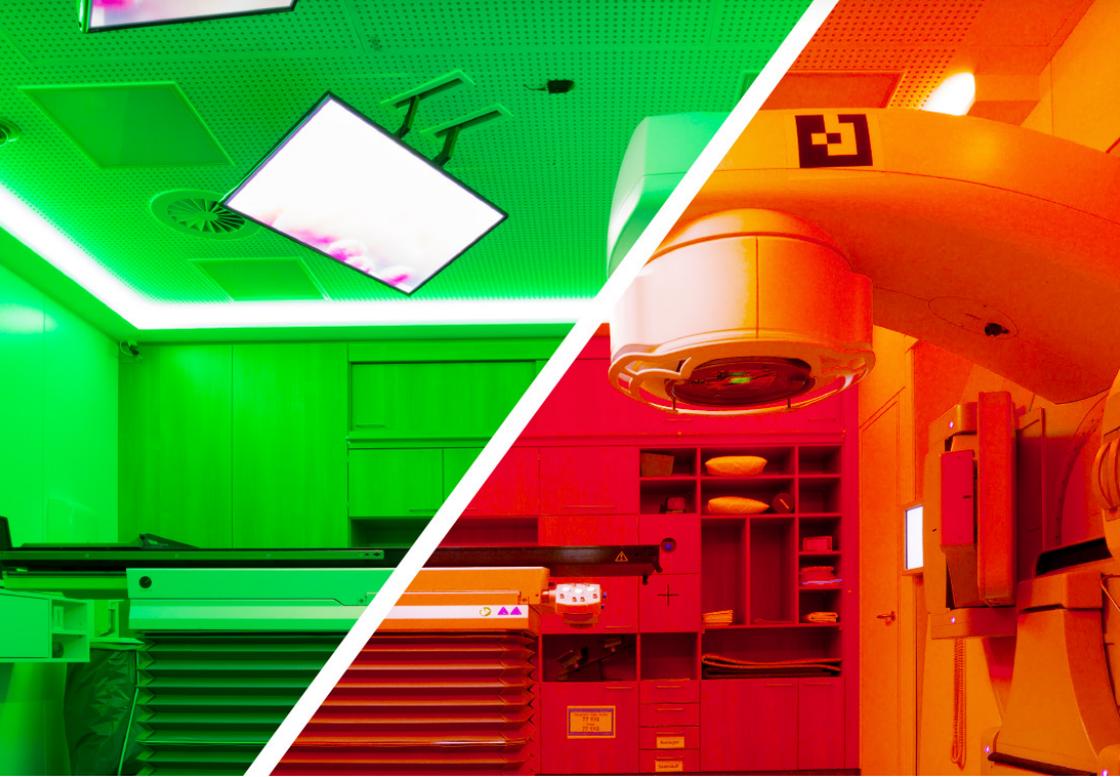
OPASCA Ambience

OPASCA Ambience allows patients to select individual music, image and light settings for their treatment. The system offers preset thematic scenarios for sound, light and image output and the option to choose from royalty free songs or connect personal mobile devices. The positive atmosphere has a calming effect and helps patients to feel safe and secure.

OPASCA Face-to-face

OPASCA Face-to-face provides effective communication through a bidirectional live video stream. Staff, parents, interpreters, partners or friends can offer instructions and support to calm and aid the patient via a mobile communication unit outside the treatment room. Visual contact is highly effective when communicating with paediatric patients, potentially removing the need for anaesthesia.





OPASCA Gating Feedback

The active involvement of patients is particularly important in respiratory-assisted treatments in order to protect healthy surrounding tissue. OPASCA Gating Feedback provides intuitive, understandable feedback on the patient's respiratory behaviour via changes in the room light colour. The system utilises the same hardware as the ambience module, and can be easily integrated with numerous respiratory tracking systems.

OPASCA Setup Validation

OPASCA Setup Validation provides staff with easy-to-understand guidance on the positioning of immobilisation devices. The system detects whether the type, position and patient-specific configuration are correctly set. Visual feedback on necessary adjustments is displayed on monitors in the treatment room. Treatment is only possible when the positioning corresponds to the last configuration stored for the patient.



OPASCA

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