OPASCA

Showroom

Patient Validation

Personal Safety

Ambience Features

Video & Patient Monitoring

Setup Assist

Gating Feedback

Entry Control

Intercom

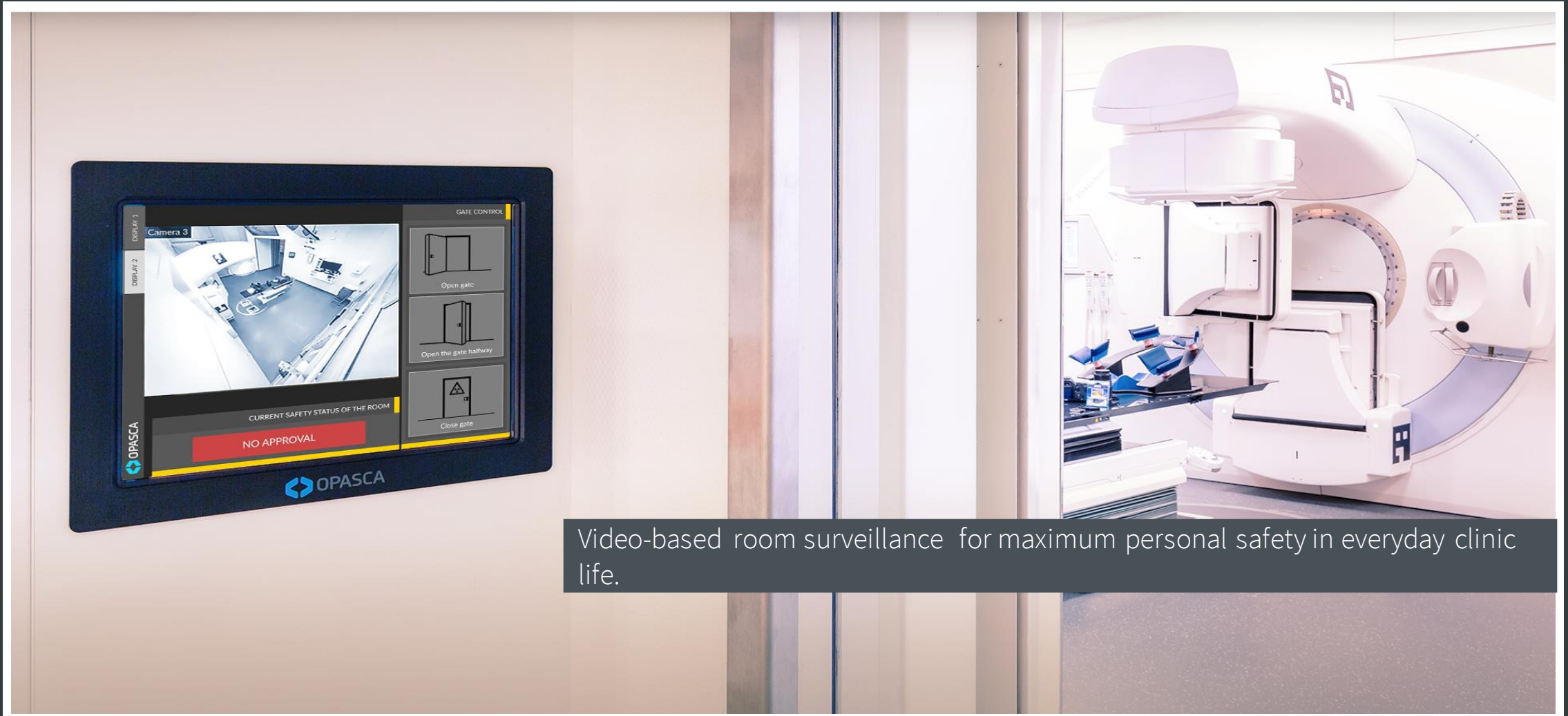Radiation Detection

OPASCA
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Showroom Guide

Safety Suite

Personal Safety

Video-based room surveillance for maximum personal safety in everyday clinic life.

Personal Safety

The Personal Safety System offers an innovative, computer-based solution to ensure that there are no people or objects in the danger area prior to radiation.

Personal Safety

Safety Suite

The software checks the treatment room and notices people and objects which do not belong. New components can be manually confirmed by the staff. Thereby, the intelligent system learns permanent changes.

Personal Safety

Functions

- Complete, sensor-based coverage of the treatment room
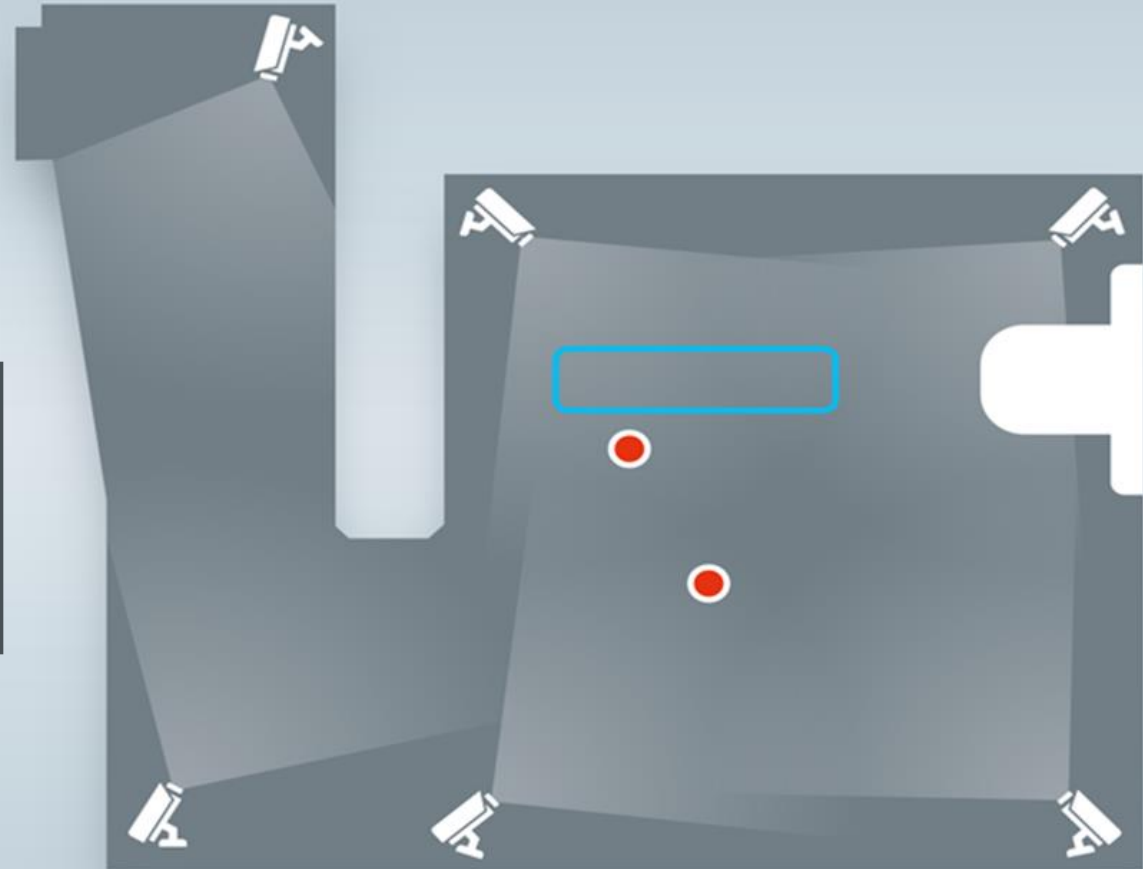- Integration into the LINAC interlock
- Automatic and intelligent real time analysis of the current room situation before radiation starts.
- Visual feedback in case of potential danger, final release onlys by qualified staff, not the system.
- Display of live camera images at the workstation for surveillance (Video Monitoring

Personal Safety

Safety Suite

Benefits

- Uncompromising protection of all persons in the radiation therapy room
- Fully functional without identification, tags or registration of persons
- Integration into the interlock minimizes operating effort and increases safety
- Automatic and intelligent real-time analysis of the current room situation before radiation begins
- Unambiguous, easy-to-understand system feedback
- Available in multiple languages

Patient Validation

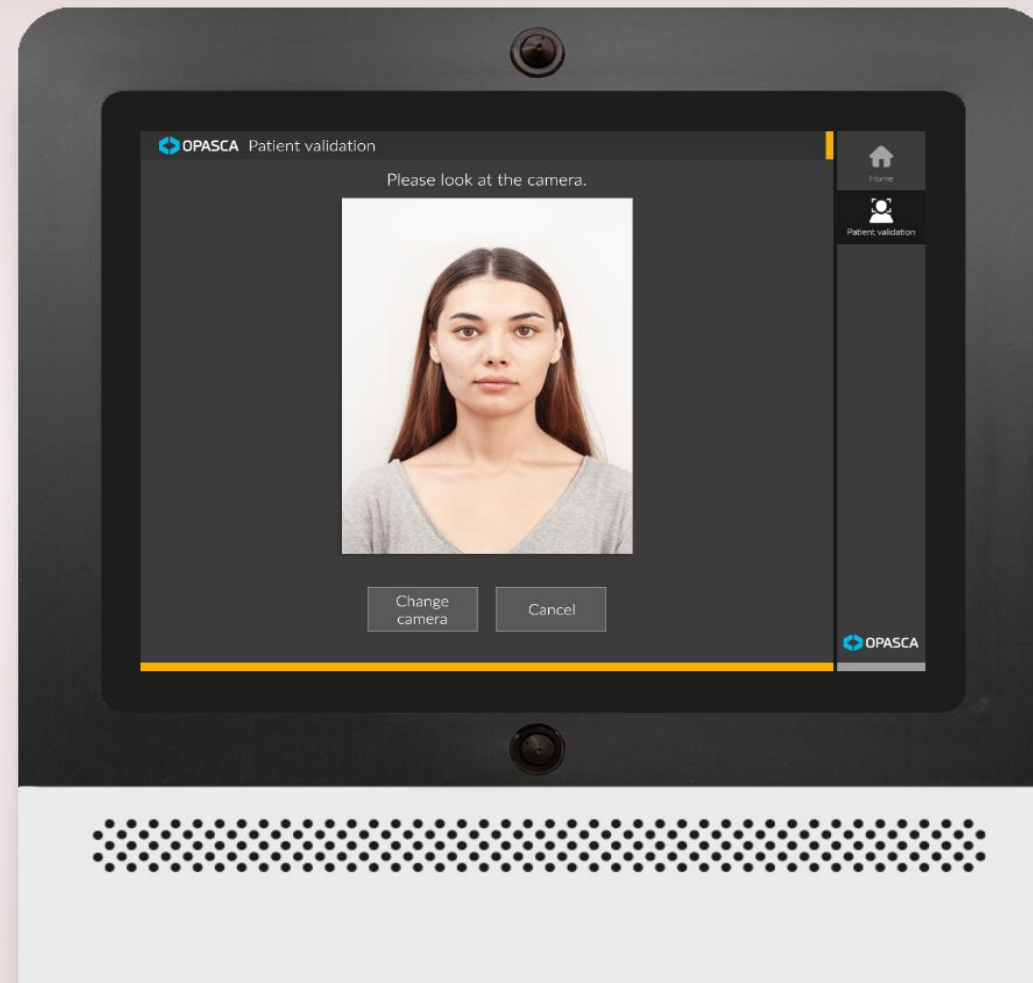The Patient Validation compares if the actual patient matches the summoned patient.

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Patient Validation

Reliable and automated Patient Validation based on biometric facial recognition.

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Patient Validation

The intelligent software recognizes changes in the patient. If there are significant discrepancies, the staff can manually grant approval.

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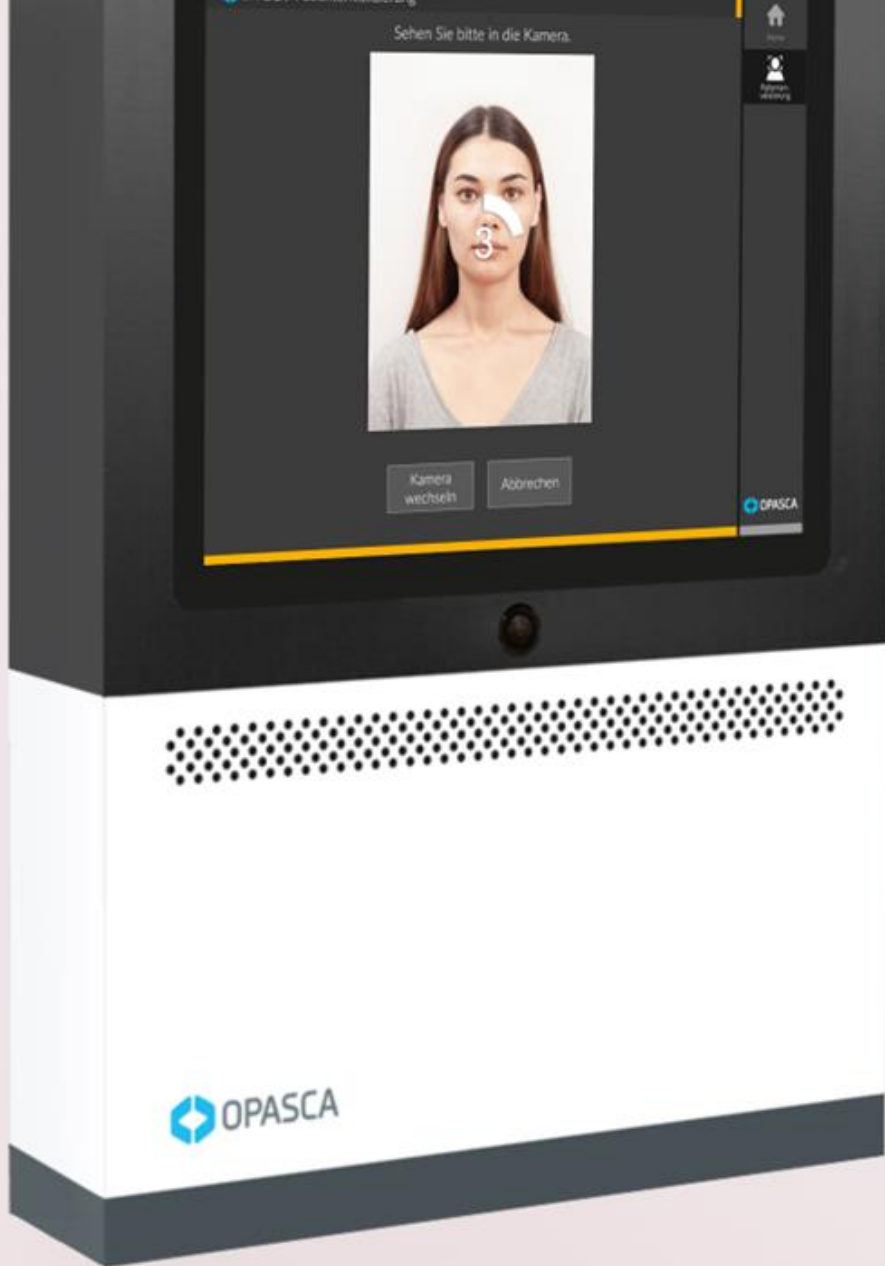
Patient Validation

Safety Suite

Functions

- One-time manual assignment of patient reference to OIS ID
- Autonomous or assisted follow-up validation at each radiation session
- Suspend validations as needed
- For MOSAIQ®: Integration in Site Setup Verification
- Manual check and release in case of deviations
- Biometric data matching between reference and current patient

Benefits

- Reliable prevention of patient misidentification
- High acceptance due to complete integration into the safety cycle of everyday workflow and intuitive operation
- Increased patient sovereignty and sense of security on the patient side
- Integration into the LINAC interlock increases the safety level

Gating Feedback

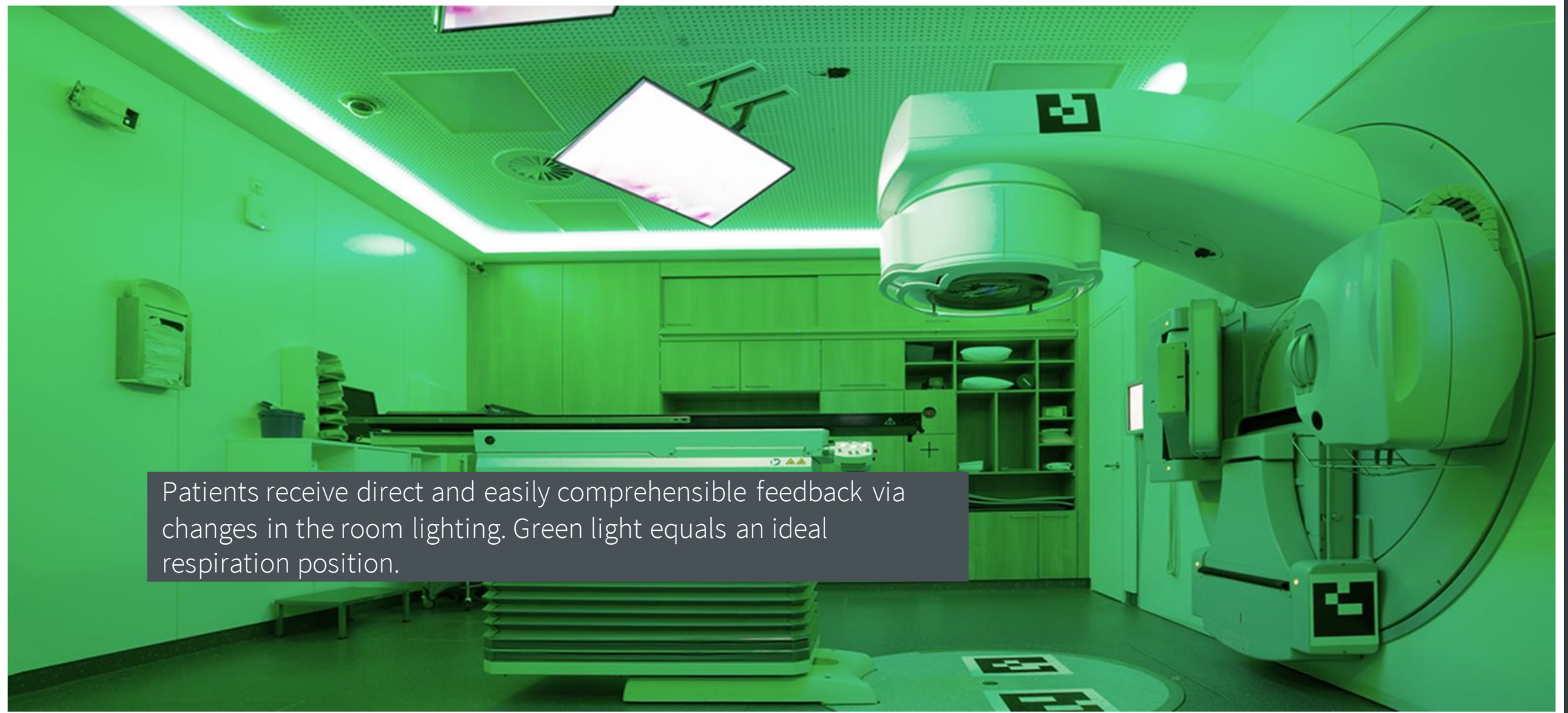Visualization of the Gating Feedback by means of colored light management (red-green) supports patients in respiration-controlled radiotherapy (DIBH).

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Gating Feedback

Patients receive direct and easily comprehensible feedback via changes in the room lighting. Green light equals an ideal respiration position.

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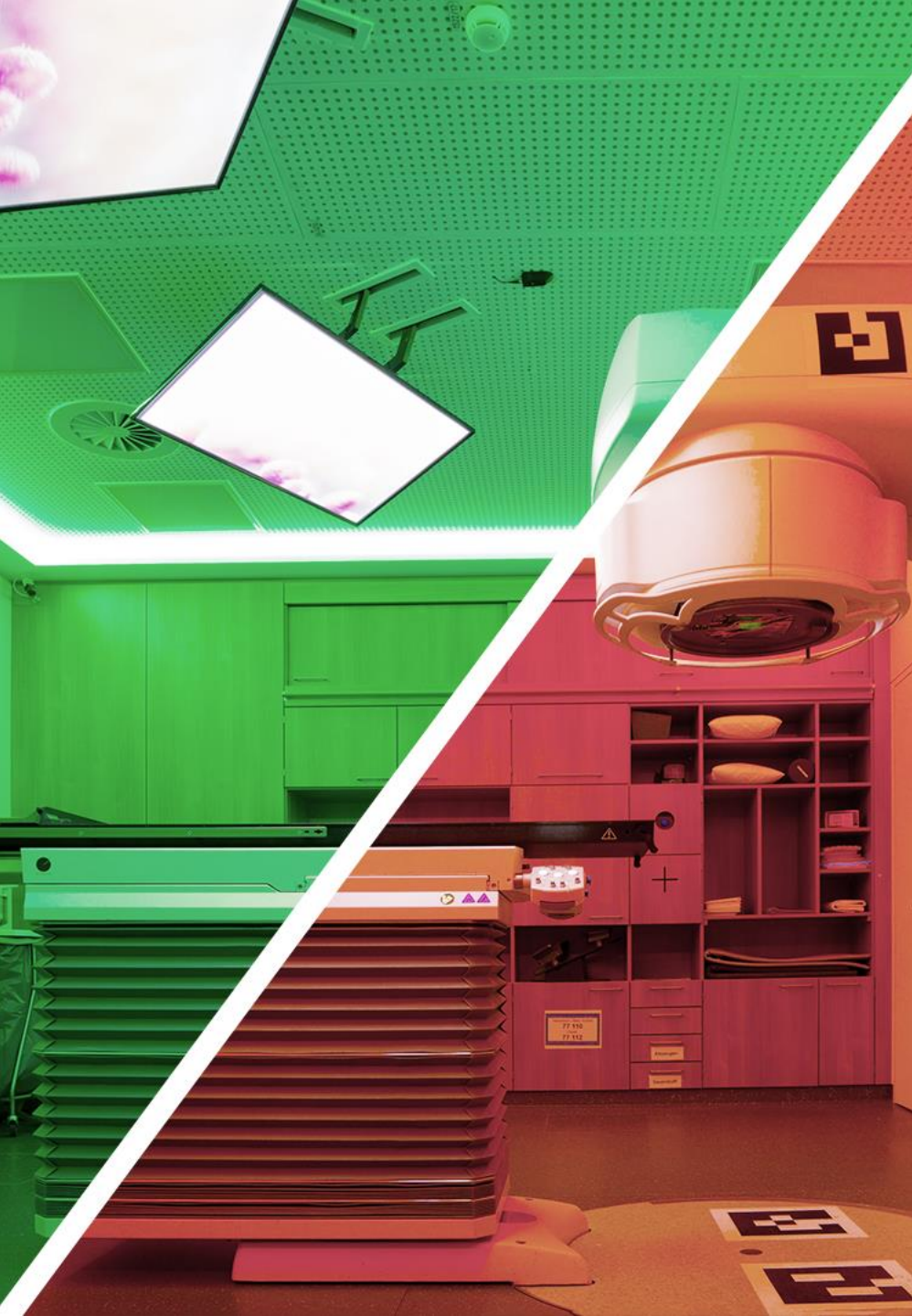
Gating Feedback

Safety Suite

Functions

- Reliable prevention of patient misidentification
- High acceptance due to complete integration into the safety cycle of everyday workflow and intuitive operation
- Increased patient sovereignty and sense of security on the patient side
- Integration into the LINAC interlock increases the safety leve

Benefits

- Intuitive, easy-to-understand patient feedback, also easily perceivable in the peripheral field of vision
- Contactless, accessory-free and hygienic
- Supports optimization of gating thresholds and thus best possible protection of surrounding tissue
- Comparatively short training times reduce treatment and device times
- Available in multiple languages

Ambience Features

Individual music, image and lighting settings for patients promote a positive treatment atmosphere.

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Ambience Features

Individual music, image and lighting settings for patients promote a positive treatment atmosphere.

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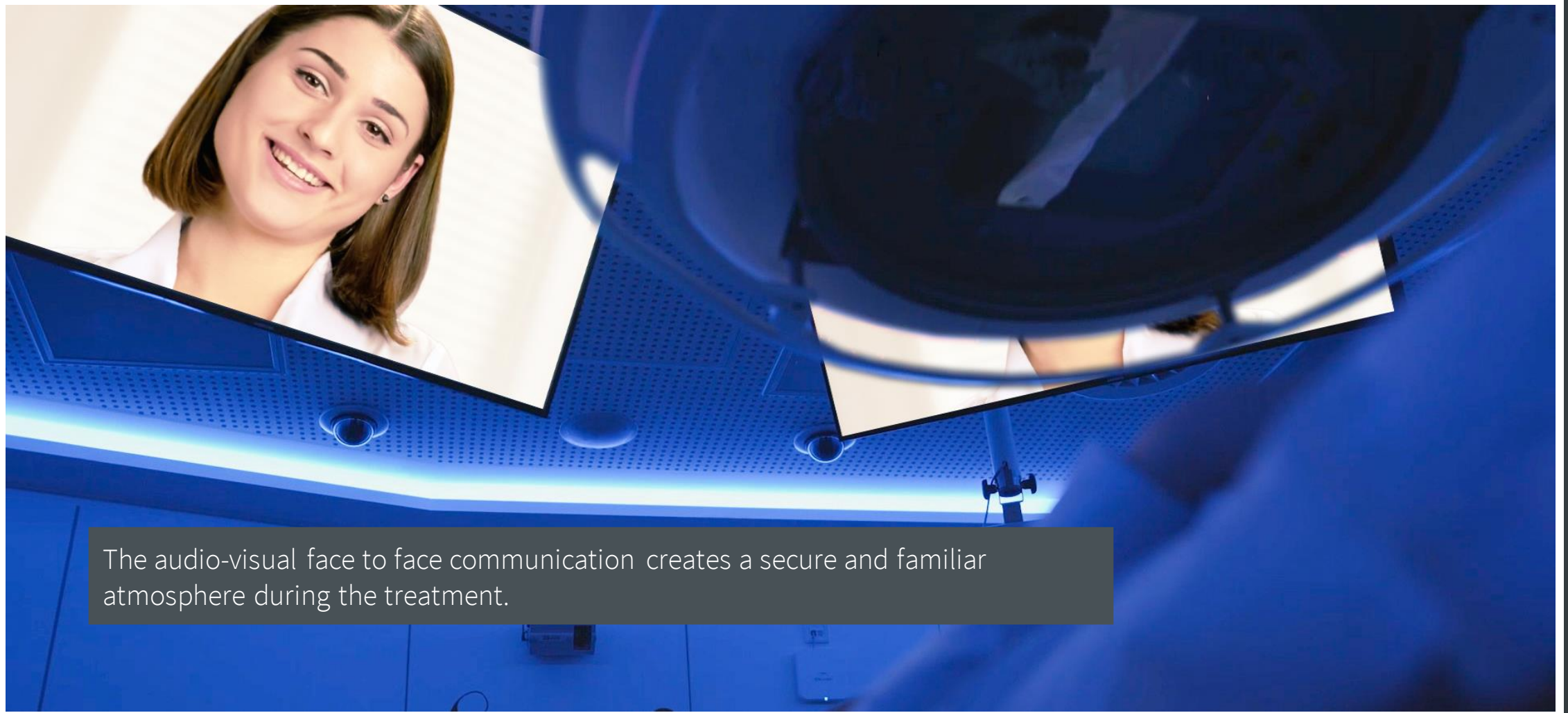
Ambience Features
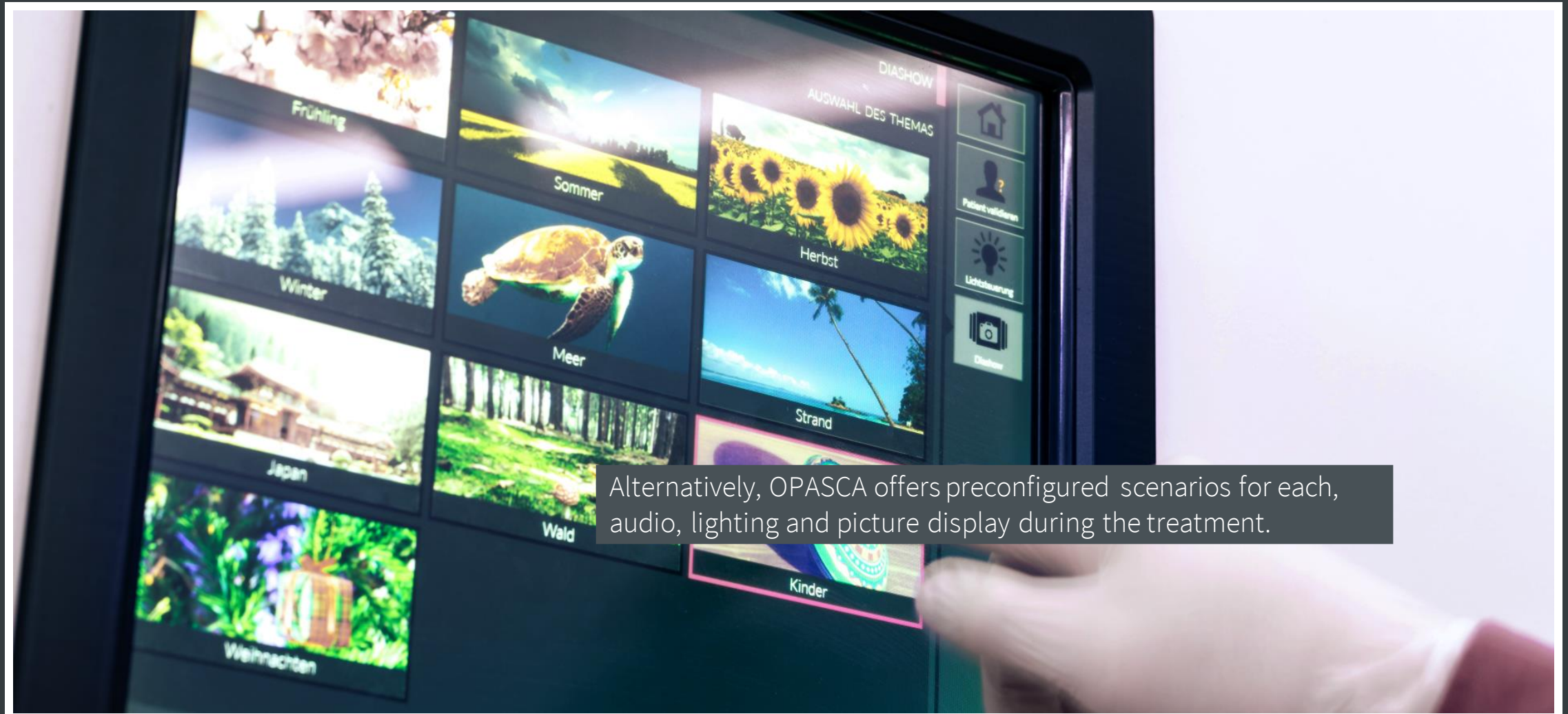
The audio-visual face to face communication creates a secure and familiar atmosphere during the treatment.
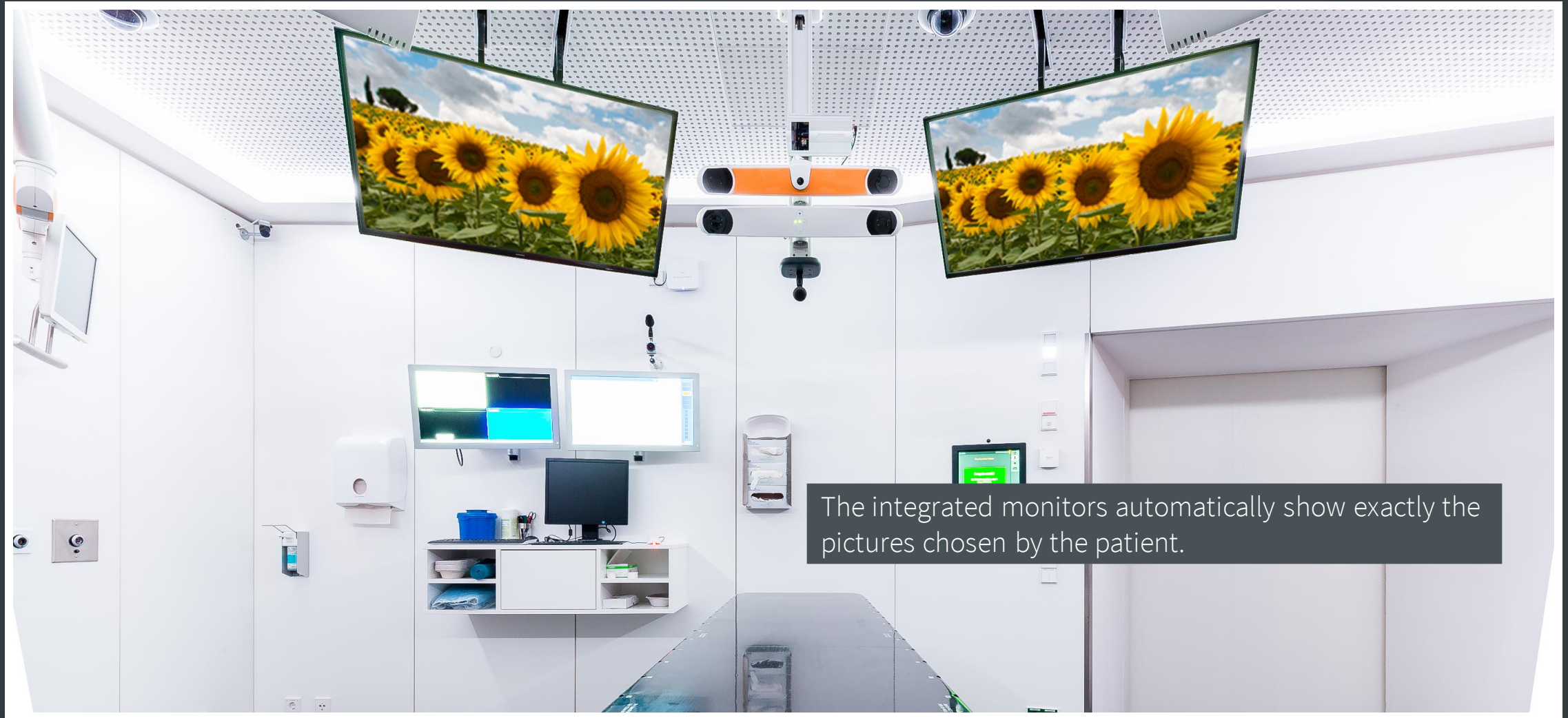
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Ambience Features

Alternatively, OPASCA offers preconfigured scenarios for each, audio, lighting and picture display during the treatment.

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Ambience Features

The integrated monitors automatically show exactly the pictures chosen by the patient.

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Ambience Features

Safety Suite

Functions

Ambient Music:
- Integration of radio streams
- Play your own music from your personal device

Ambient Diashow:
- Selection of different images series
- Integration of TV streams
- Display of individual content

Face to Face:
- Videophony between ComUnit at the workstation and via inroom Screens in the treatment room

Ambient Lighting:
- Automated, theme-based or individual setting across the entire color spectrum
- Automatic switching between modelling and treatment light
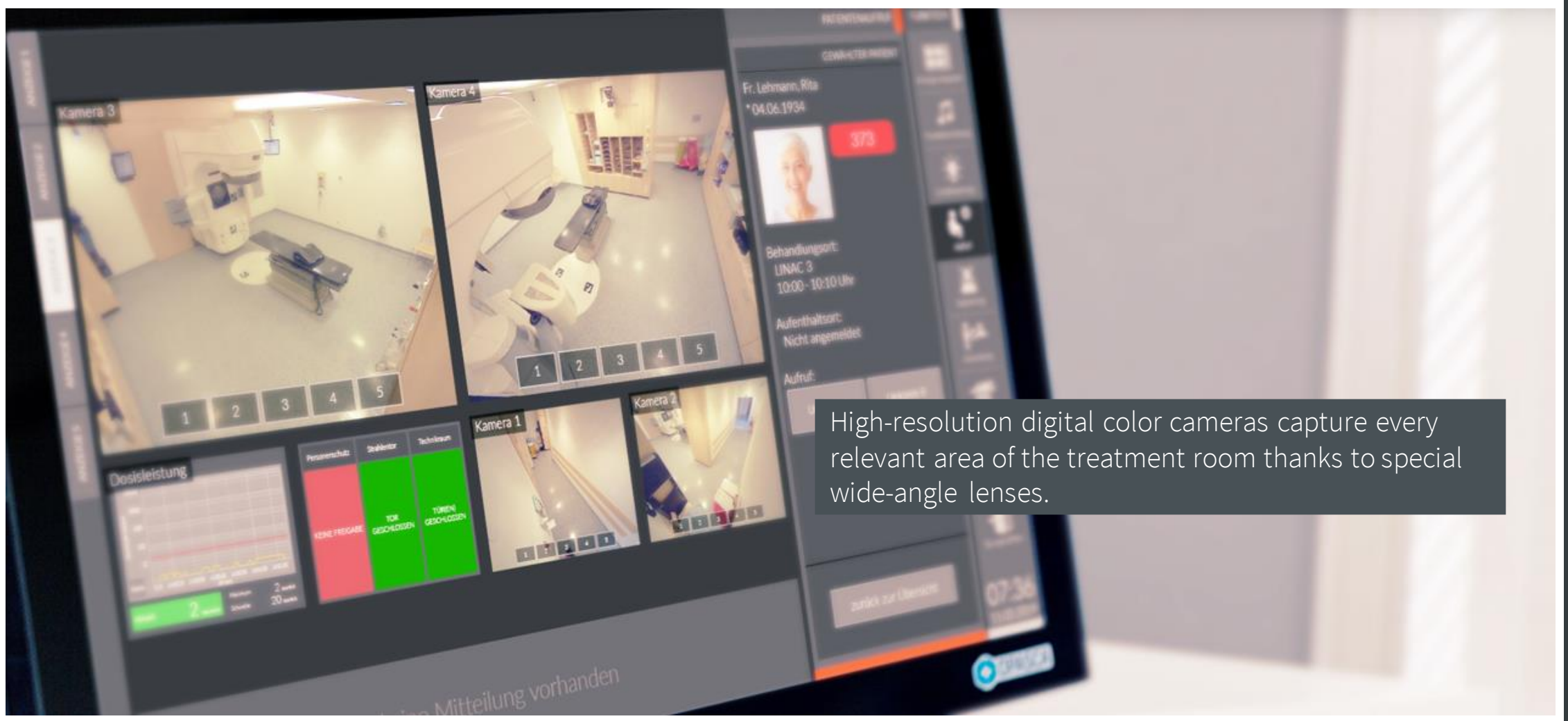
Video & Patient Monitoring

Safety Suite

Multifunctional communication and video system for ideal patient care during the entire stay at the clinic.
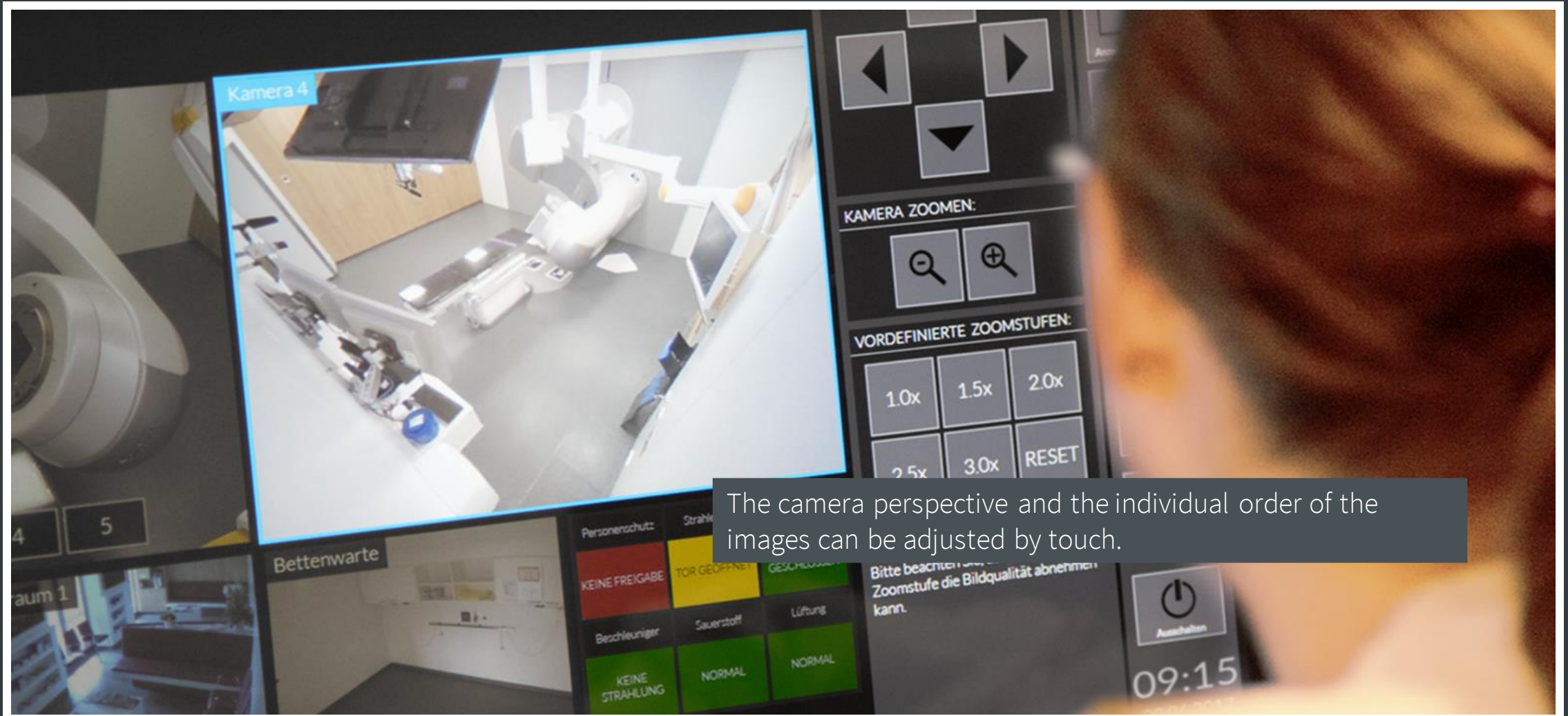
Video & Patient Monitoring

High-resolution digital color cameras capture every relevant area of the treatment room thanks to special wide-angle lenses.

OPASCA
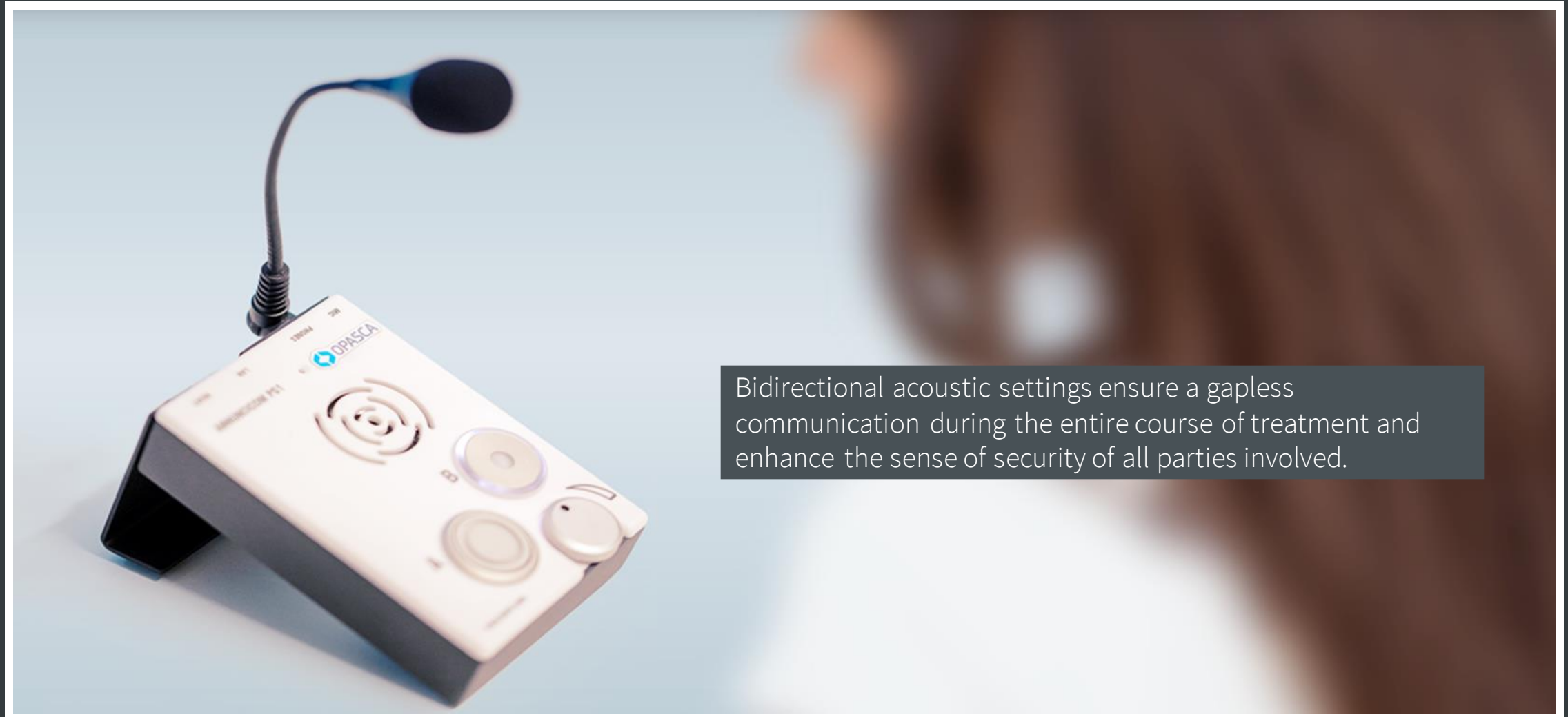We care for digital healthcare

Video & Patient Monitoring

The camera perspective and the individual order of the images can be adjusted by touch.

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Video & Patient Monitoring

Bidirectional acoustic settings ensure a gapless communication during the entire course of treatment and enhance the sense of security of all parties involved.

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Video & Patient Monitoring

Safety Suite

Functions

- Intuitive, easy-to-understand patient feedback, also easily perceivable in the peripheral field of vision
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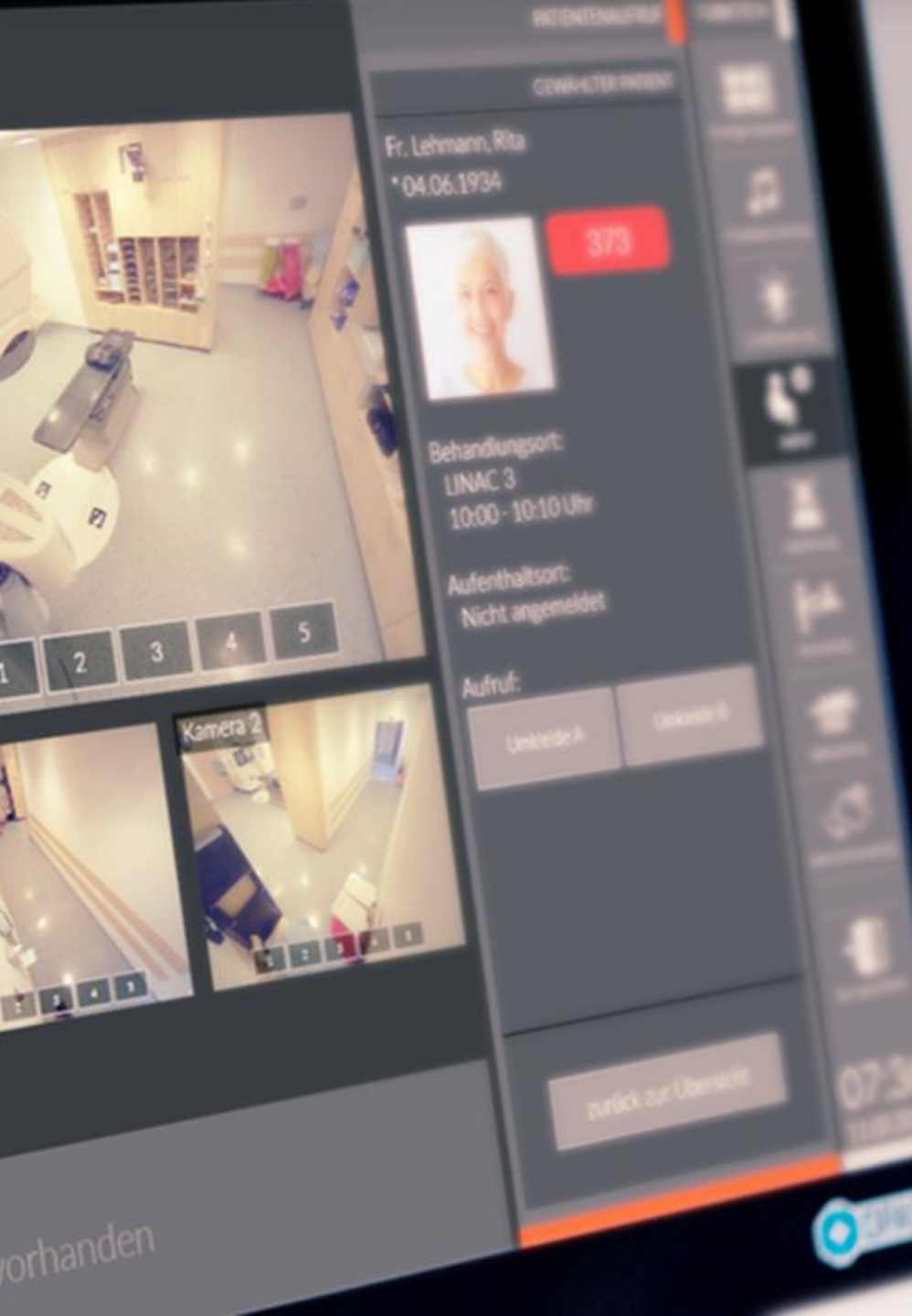- Available in multiple languages

Video & Patient Monitoring

Benefits

- Touch-controlled split-screen display with individual, quickly adjustable display options for best possible overview
- Compliance with regulatory operating requirements for radiation therapy facilities
- High image quality even with dimmed room lighting
- Can be expanded as needed to include additional monitoring areas without additional monitors
- Available in multiple languages
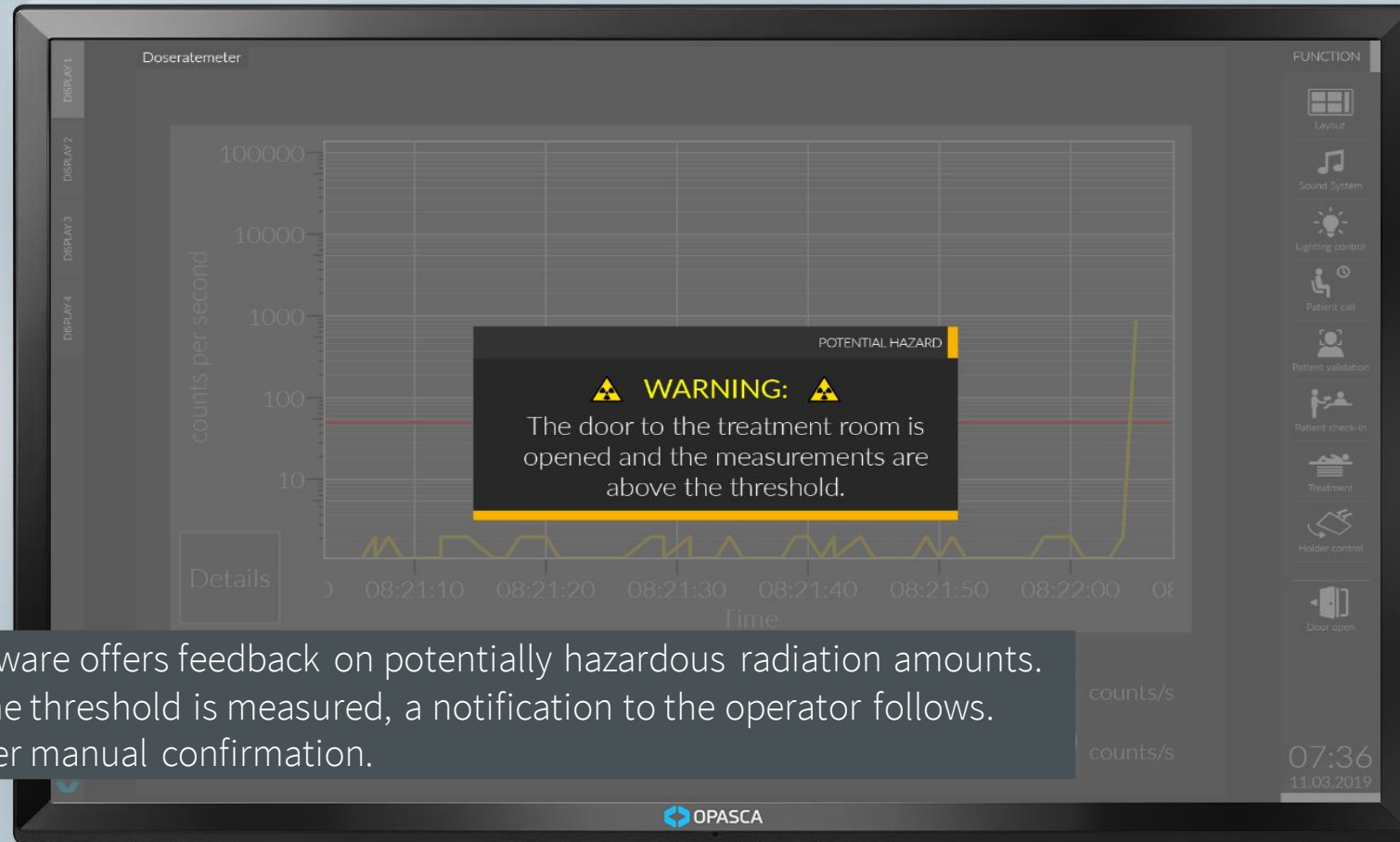
Radiation Detection

Reliable feedback on potentially hazardous radiation amounts for more security in everyday clinic life.

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Radiation Detection

At the workplace, the software offers feedback on potentially hazardous radiation amounts. If a local amount above the threshold is measured, a notification to the operator follows. Access is only allowed after manual confirmation.

Radiation Detection

The OPASCA radiation detection continuously saves all measurements and therefore enables weekly, monthly and yearly assessments of the radiation amounts.

OPASCA
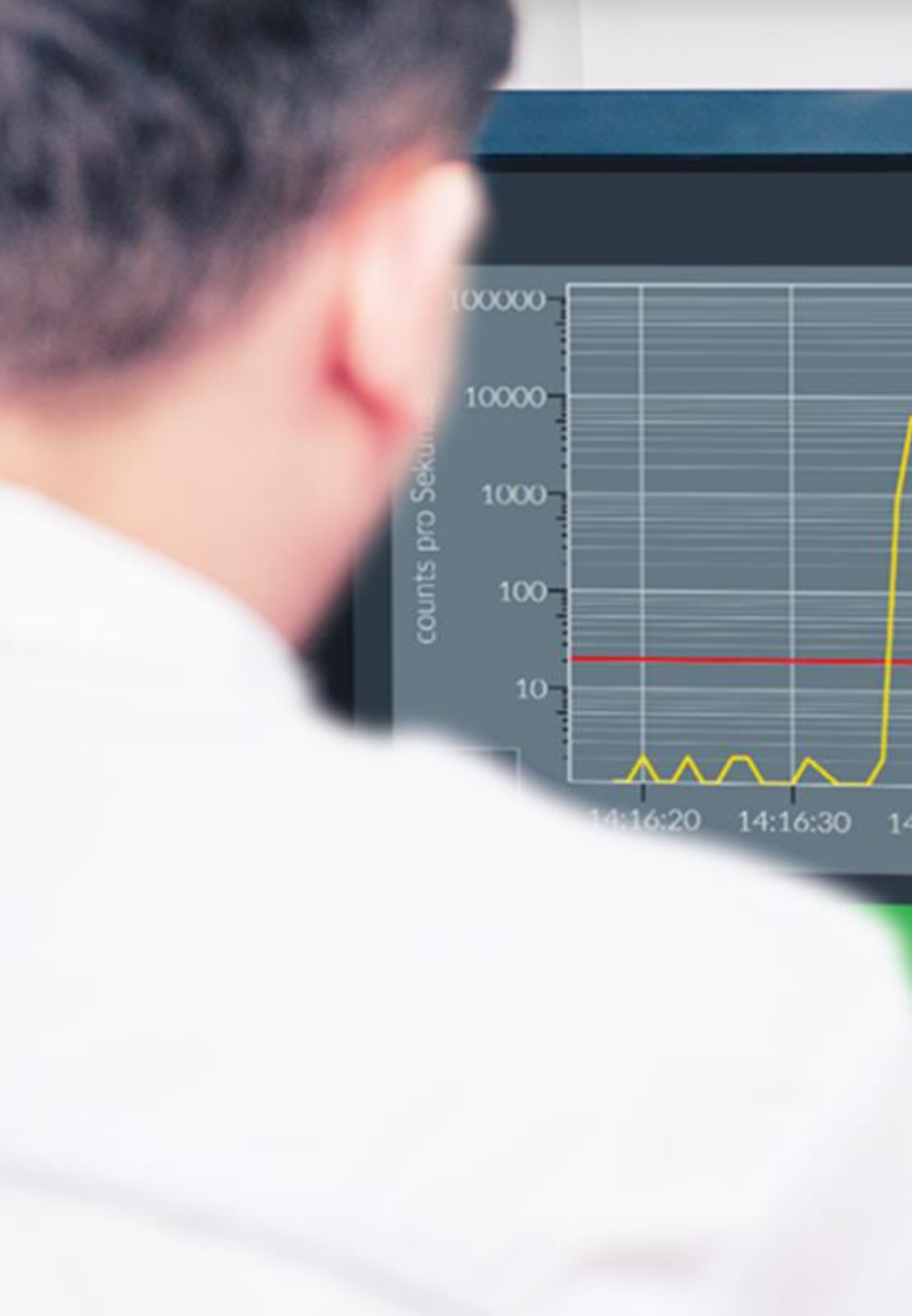We care for digital healthcare
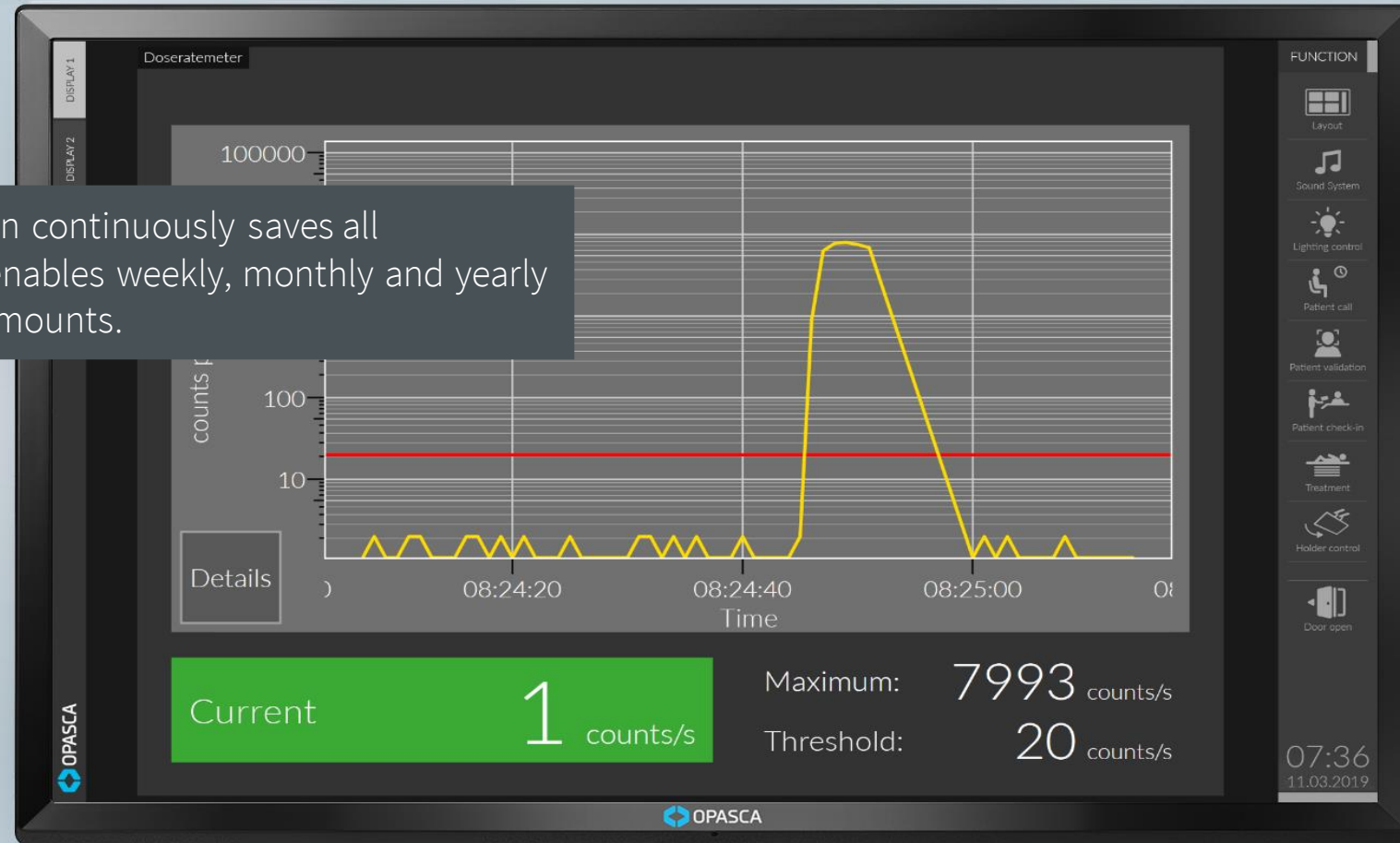
Radiation Detection

Safety Suite

Functions

- Source-independent detection of radiation
- Individually adjustable, pin-protected threshold value
- Storage of radiation times (for brachytherapy: incl. UPS)
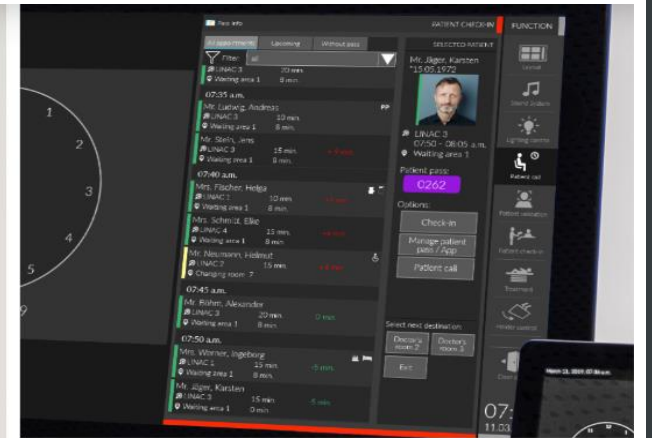- Display and operation via touch-controlled OPASCA terminal

Benefits

- Reliable warning of potentially harmful residual radiation in the room
- Clear display of measured values and individual evaluation options
- Compliance with regulatory operating requirements for brachytherapy facilities

RapidCall

Quick infection protection for patients and personnel through contact-free check in and automated calling.
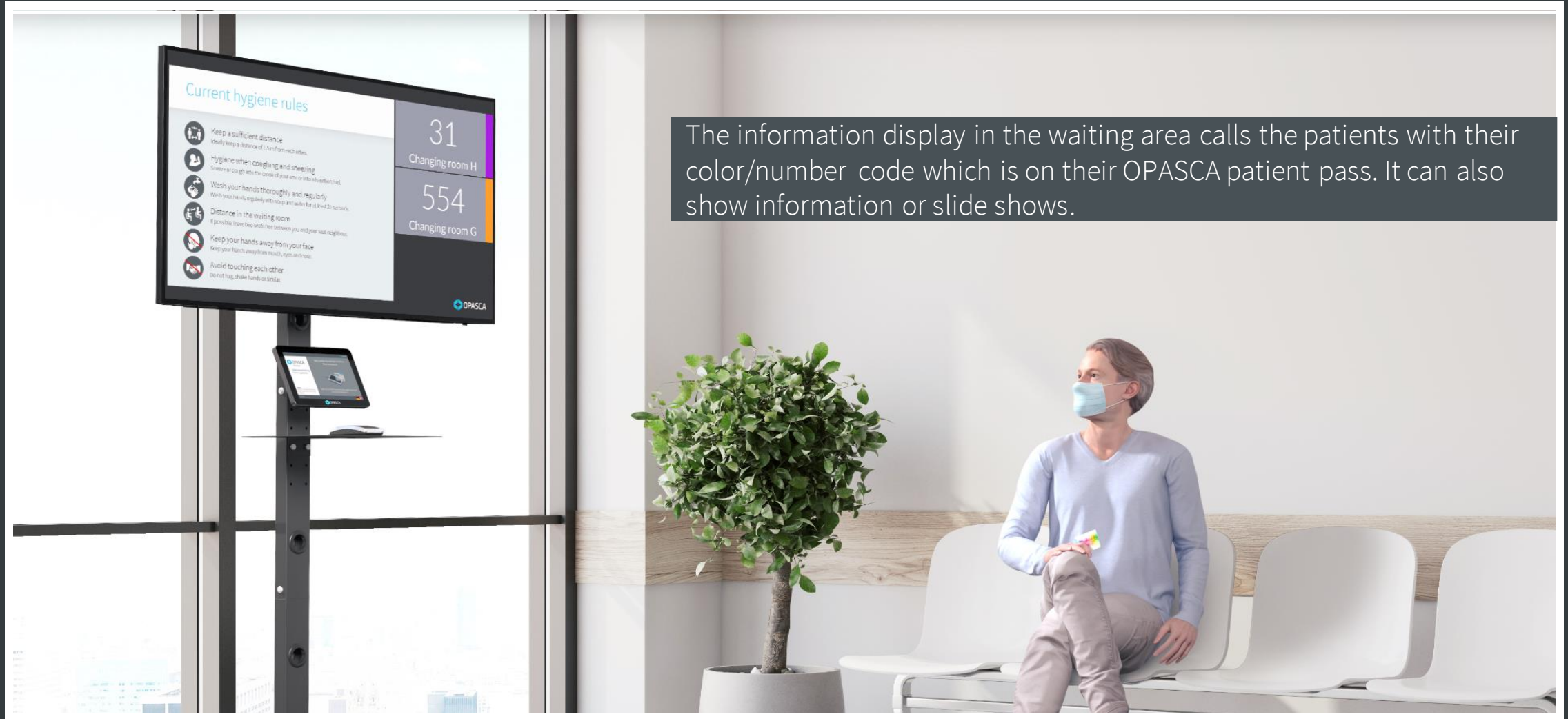
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RapidCall

With the OPASCA patient pass, patients check in and check out contact-free and autonomously at the RapidCall at every clinic visit.

RapidCall

The patient's attendance appears on the operating unit of the personnel in real time. The patient is called by touch via the management terminal.

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RapidCall

The information display in the waiting area calls the patients with their color/number code which is on their OPASCA patient pass. It can also show information or slide shows.

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RapidCall

Sicherheit und Effizienz vereint

Functions

- Quick installation of the transportable solution
- Patients and clinic staff can maintain spatial distance
- Optimization of patient flow
- All information on patient status and location at a glance

Benefits

- Contactless login
- Privacy compliant call
- Significant minimization of the risk of infection