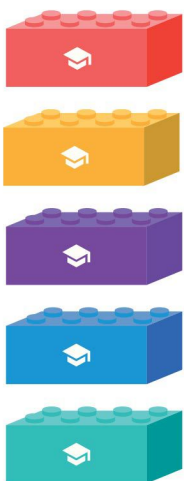




Medcam
SIMULATIONS SYSTEMS

SIMULATION SESSIONS ASSESSMENT CARDS PREBRIEFING SCENARIOS DEBRIEFING OSCE

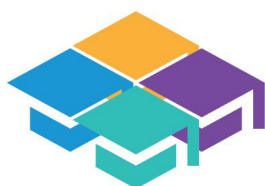


Medcam® is a very intuitive system for recording and controlling simulation sessions with the use of checklists, ability to mark significant events and playback video during pre- and debriefing.

The software supports the educational process - from low and high fidelity simulation to OSCE exams.

The Medcam system can adopt other A-V solutions significantly expanding the functionality offered by old system and provide a modern central system for archiving and debriefing simulation sessions, addressing the current needs of medical simulation.

Medical simulation instructors, thanks to the modern educational tools, such as the Medcam system, will be able to more efficiently and effectively transfer knowledge to students and objectively verify the skills they have acquired in the didactic process.



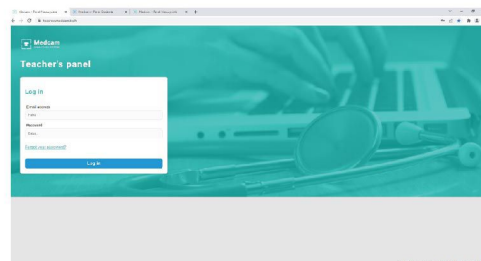
Medcam, with its intuitiveness and rich functionality, is the perfect tool in hands of the instructor of simulation and allows him to fully focus on the simulation and the student.

Due to the very easy-to-use interface, navigating the system does not require prolonged training and is user-friendly even for those, who are less proficient with computers.

MODULES

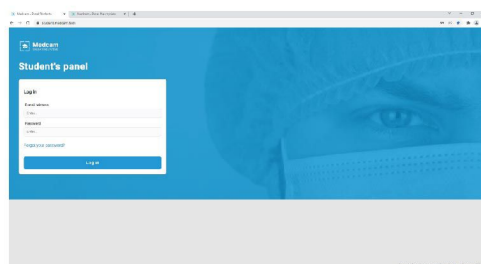
Teacher's Panel

Controlling simulation sessions
Conducting debriefing
Running OSCE exams
Student evaluation
Sharing scenarios with the students



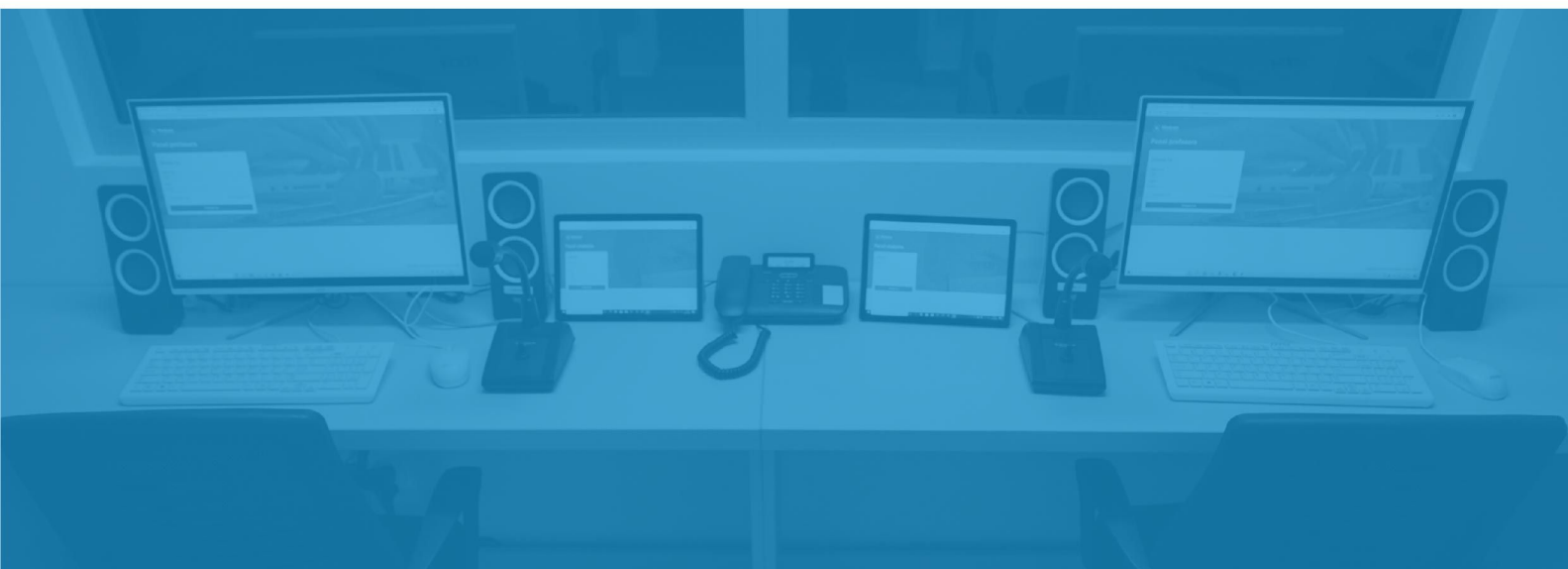
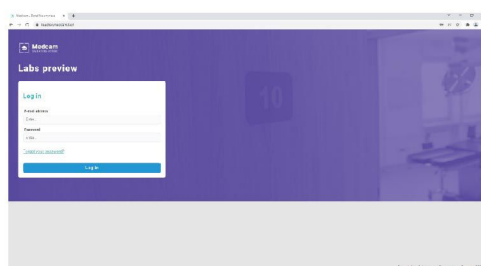
Student's Panel

Reviewing documentation shared by a teacher during the simulation session
Creating your own documentation
Ordering tests
OSCE exams



Labs Preview

Independent viewing of audio-video simulation rooms included in the system
Active participation of the group observing the simulation session



SYSTEM ADVANTAGES



SESSION CONTROL AT HAND

Full functionality of the debriefing system - recording, playback and archiving of simulation sessions. LIVE Preview Panel.



CREATE YOUR OWN SIMULATION CENTER

Create custom simulation rooms with defined cameras, microphones and simulators. Change it whenever you need.



OSCE EXAM SESSIONS

Systematization of the entire OSCE exam process, quick generating of student evaluation protocols from each OSCE station and summary reports of the exams.



CENTRAL SERVER

The Medcam system runs on a central server, which guarantees identical and reliable operation on all workstations and quick system updates.



SIMULATION SESSIONS HIGH FIDELITY

Add tags and complete checklists during a simulation session with full access to the session documentation during debriefing in the Student Panel and in the Teacher Panel.



SEVERAL LEVELS OF USER ACCOUNTS

Different levels of access to information located in the system, depending on user privileges for safer data managing.



UPLOAD FILES DURING THE SESSION

Real-time exchange of documentation between the instructor and participants of the simulation session.



AUDIO-VIDEO IN ALL SIMULATION ROOMS

Record video and audio of simulation or examination sessions in all simulation rooms at once.



ACCESS VIA WEB BROWSER

No need to install additional software. Remote access to the system available. Unlimited number of logged-in users.



SYSTEMS COMPATIBILITY

Synchronize data, Scenarios and Assessment Card with Medcam PRO system for simulation center management.





SCENARIO CREATING

Create your own medical cases with a scenario wizard. Keep your scenarios in the system database and assign assessment cards to them.

STUDENTS' READINESS FOR THE EXAM

During OSCE exams, students report in the system their readiness while waiting in front of the simulation room where the exam is taking place. The examiner is automatically informed that the student is ready to start an exam on the examiner's station.

ORDERING MEDICAL TESTS

Ability to order tests during the simulation session and display in the Student's Panel received results, CT images, X-rays, ECG, etc.

STUDENT'S PREBRIEFING

Displaying content and documentation for the student before the start of the simulation session to familiarize the group with the assumptions of the scenario.

AUTOMATIC EXAM PROTOCOLS

Generate student's exam protocol from all of the exam stations automatically. Download from the system evaluation cards and the exam evaluation protocols with all of its components.

LISTS OF EXAM PARTICIPANTS

Import list of students automatically and generate full lists of exam participants.

EVALUATION CARD IN MEDCAM SYSTEM

Evaluation card wizard that allows you to create your own checklists assigned to a scenario, which speeds up the process of examining students. Access to the database of evaluation cards stored in the system.

PERSONALIZED EVALUATION CARDS

Create evaluation cards with custom criteria for control activities, critical errors, and range of ratings for a given scenario.

CREATING STUDENT'S MEDICAL RECORDS

The student can create his own documentation during the simulation session, add attachments and send them to the teacher. The teacher can respond by providing the results of the ordered labs or medical tests.

SESSION DEBRIEFING

Access to audio-video materials from a given session, annotations and checklists with the possibility of overwriting and modifying them.

SYSTEM LOGS

Record and display events during a simulation session and track modifications made by other users.

UNLIMITED NUMBER OF USERS

Use the unlimited number of users logged into the Medcam system at one time.





AUDIO-VIDEO RECORDING

You can record even more than 6 video sources in one simulation room simultaneously. Audio-video sources are synchronized in full HD quality.

SWITCH BETWEEN SIMULATION ROOMS

Switch between previews of any simulation rooms added to the system. Determine the visibility of a given room assigned to a user's privileges.

MULTI-SCREEN SUPPORT

Display the image on an additional screen in the Teacher's Panel for better control of the simulation session.

RECORDING ALL ROOMS SIMULTANEOUSLY

Record all of the simulation rooms and use the full functionality of the system at one time.

IMAGE CAPTURE

Capture into the system virtual patient monitors and medical devices such as ventilator, endoscope, operating lamp, etc.

CAPTURE LOGS FROM SIMULATORS

Capture high fidelity simulator logs from manufacturers such as e.g. Gaumard to the Medcam session logs.

SYSTEM DEVELOPMENT

New stations can be easily added to the system, so your simulation center grows together with Medcam.

TWO-WAY INTERCOM

The teacher can speak to the simulation session participants through speakers in the simulation room or directly to the standardized patient via wireless audio transmission.

SPECIAL SOUNDS LIBRARY

Use special sounds in the simulation room, increasing the realism of the simulation session. Built-in library includes more than 20 special sounds.

CHANGE THE CAMERAS VIEW

Camera layout changes automatically depending on the number of active video sources assigned to the simulation room.

CAMERAS CONTROLLING

Full control over IP camera positioning, Pan-Tilt-Zoom (PTZ). They enable users to view from any angle, detail and moment.

MARK EVENTS ON THE TIMELINE

Mark events and return to that point on the timeline when playing back the recording during debriefing.

SERVICE FOR A SIMULATION SESSION BY SEVERAL USERS

Handle one session by several users, including the exchange of documentation, marking events, students grading.

DOWNLOAD THE RECORDINGS

Download files with audio-video recordings of simulation sessions archived in the system.

