Accurate

Learn. Practice. Improve.

Accurate is the only Italian research and development company in the field of medical simulation and is now part of the Digit'Ed group, a leading excellence in digital learning.

During the 13 years of activity, Accurate has: built more than 85 simulation centers, registered 10 patents and published about 70 scientific publications, with the aim of increasing patients safety and improve the quality of care, through the training of healthcare staff.
"Never the first time on a patient", is indeed the mission and the motto that drives the company's development.

Accurate has been constantly working to provide innovative and effective solutions to the training needs of physicians, professionals, academics and students by using guided and immersive experiences, simulations and high-level educational learning courses.

SCAN FOR ADDITIONAL INFO

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BEAUTYSIM™

THE FIRST ADVANCED COSMETIC SURGERY SIMULATOR
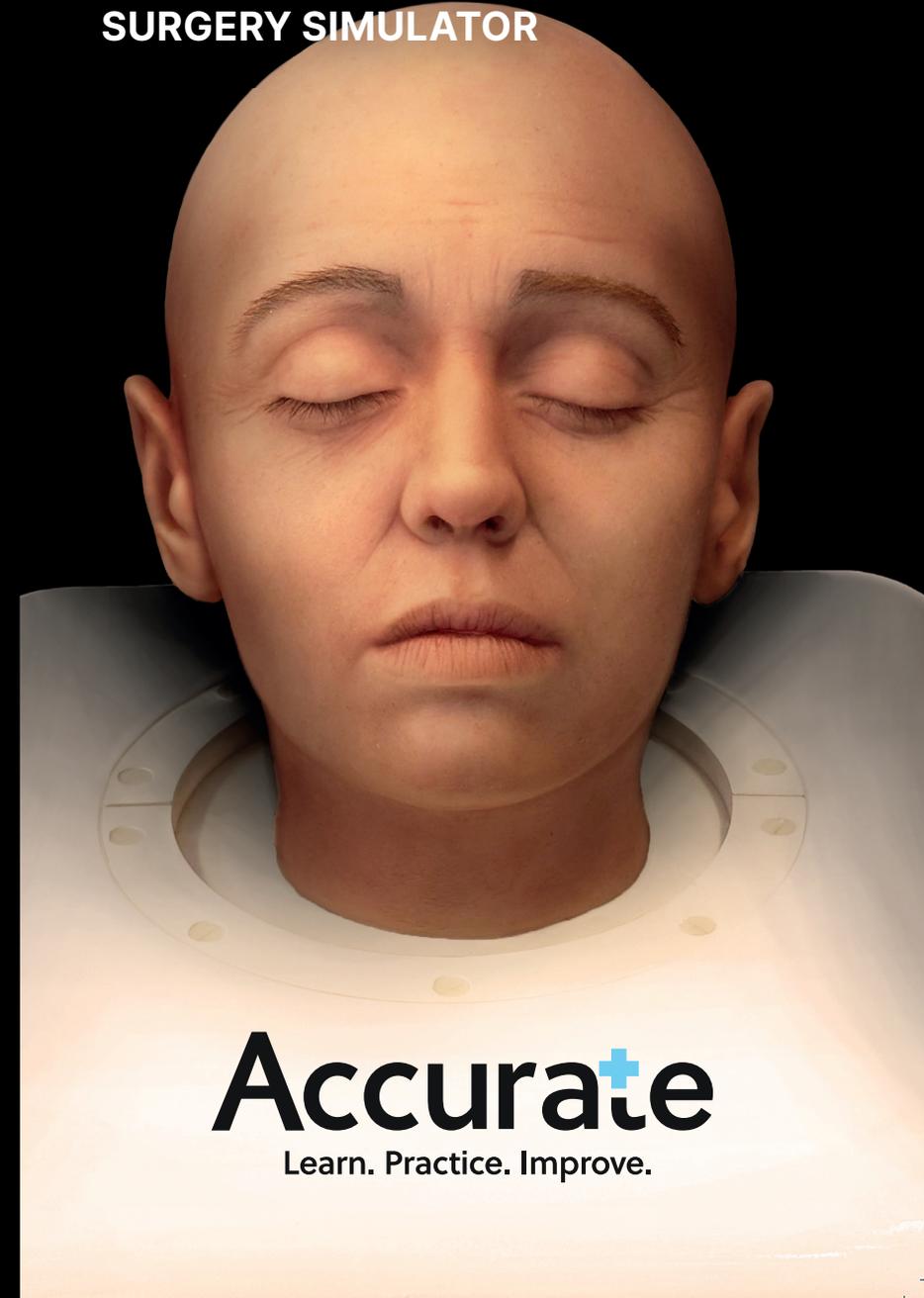
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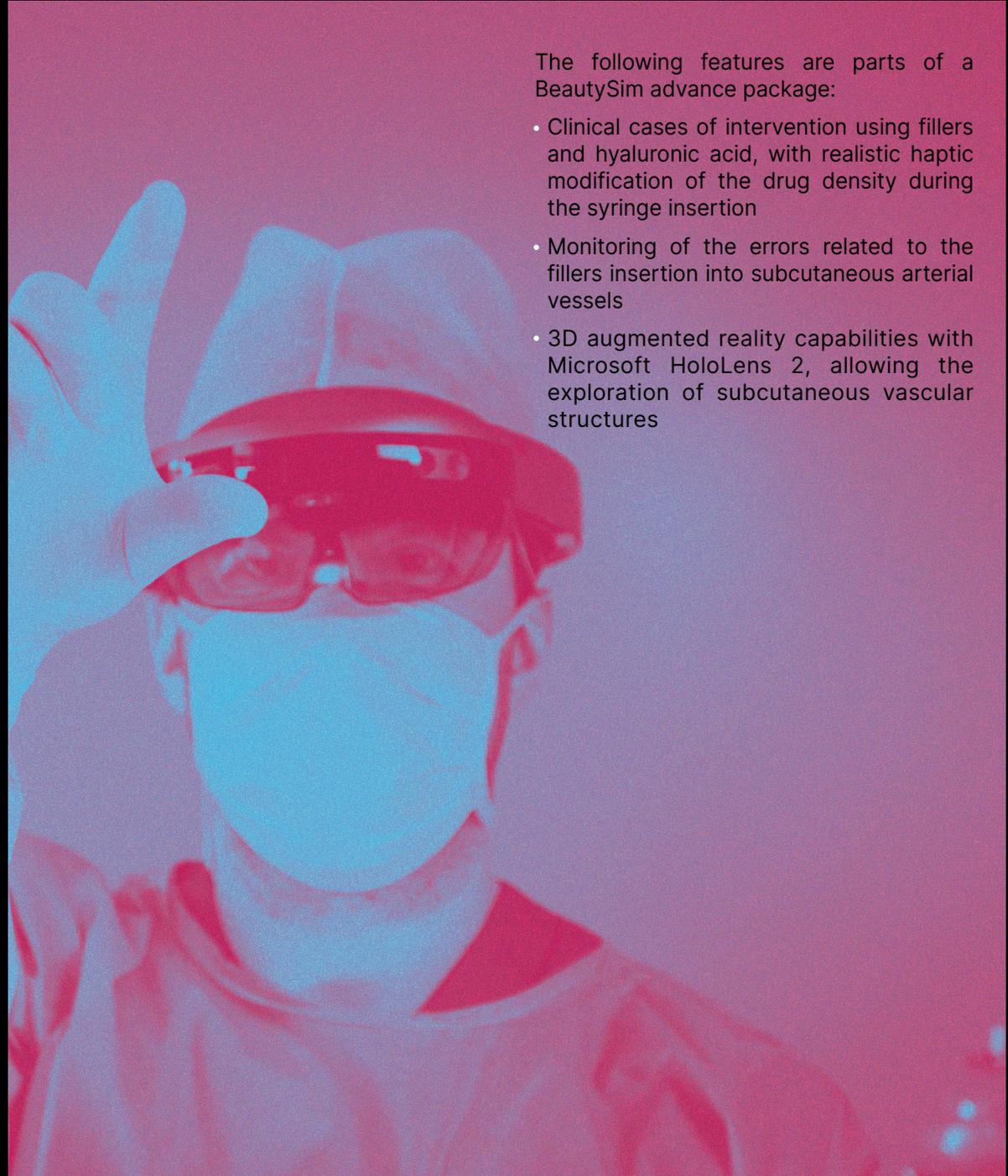
The following features are parts of a BeautySim advance package:

- Clinical cases of intervention using fillers and hyaluronic acid, with realistic haptic modification of the drug density during the syringe insertion

- Monitoring of the errors related to the fillers insertion into subcutaneous arterial vessels

- 3D augmented reality capabilities with Microsoft HoloLens 2, allowing the exploration of subcutaneous vascular structures

GENERAL DESCRIPTION

BeautySim is a training system for cosmetic surgery, with advanced haptic features.

It includes:

- A highly realistic head model that enables facial aesthetics injection techniques

- A sensorized syringe, which integrates a positional tracking technology that is unique in the world. The combined use of the head model and of the sensorized syringe gives the possibility to simulate realistic drug administration procedures

- A 3D environment allows the user to monitor the movements of the needle and the haptic interactions with the head model in real-time

- A database with real clinical cases and reporting

- An instructor and a learner panel with different interfaces. The instructor can guide the learner through the different phases of the training by using realistic clinical cases

BeautySim is an advanced simulation tool that provide the health professionals with:

- A clear measurement and verification of the quantities of liquid inserted through the sensorized syringe

- A precise verification of the administered drug quantities

- Feedbacks about the effects of the procedure performed

TRAINING

BeautySim comes with a database of clinical cases about botulinum toxin interventions based on real patients' data.

Each clinical case includes:

• A clinical questionnaire about the procedure and the face areas involved in the procedure, such as frontal, procerus, corrugators and orbicularis. The questions address different specific aspects of each individual case, helping the learner to go through a detailed analysis of the procedure

• Training on how to properly choose the target areas and the quantity of drug to be administered

• An accurate visualization of the main consequences of the procedure on the patient face expression by using photorealistic simulations based on real images

• An advanced training on an head model featuring the look and feel of human tissue