SURGLASSES

FORESEE-X

Augmented Reality Smart Surgical Glasses

GMP CERTIFIED   ISO 13485:2016   CE

Radiation & Surgery Time

30%
Reduced

Faster
& Safer
Surgeries

Can be used for educating and training resident doctors.

Transfer of patient's data directly into the smart surgical glasses.

Ability to connect with different standard devices and navigation systems used in surgery.

Increases the efficiency during surgery as focus stays on the patients and not on external monitors.

Introduction

With this AR Smart Surgical Glasses, the requirement for the external monitors for the surgeons to monitor the surgical procedures is reduced to minimum. Traditionally, the surgeons need to take a lot of radiological images during the entire surgical procedures and need to turn the head numerous times which somehow affected the surgical procedure time. With the introduction of AR Smart Surgical Glasses, the radiological images are transferred, after being processed in the image processing system, to the glasses directly which enable the surgeons to stay focused on the patient without having the need to look away of the external monitors.

Before — The surgeon needs to focus on the monitors.

After — Real-time Surgery Image will transfer to the glasses, Doctor will focus on the patients.

Medical image machine   Control Unit   Surglasses

Feature

- AR Smart Surgical Glasses allows patient's data to be dynamically synchronized with the glasses with Control Unit.
- Ability to connect with different standard devices like ultrasound, endoscope, navigation systems, etc.
- Enables the surgeons to focus on the patient rather than on the external monitors.
- Easy to wear, customized lenses for surgeons with glasses.
- Wireless connection to the Control Unit.
- Collect data from all kinds of radiological devices.
- Suitable for minimally invasive surgery.

Application situation

Ultrasound   C-arm   Endoscope   Screen sharing