

MonoStereo[®]
3D Endoscopic
VISUALIZATION SYSTEM

Keep 2D, See 3D



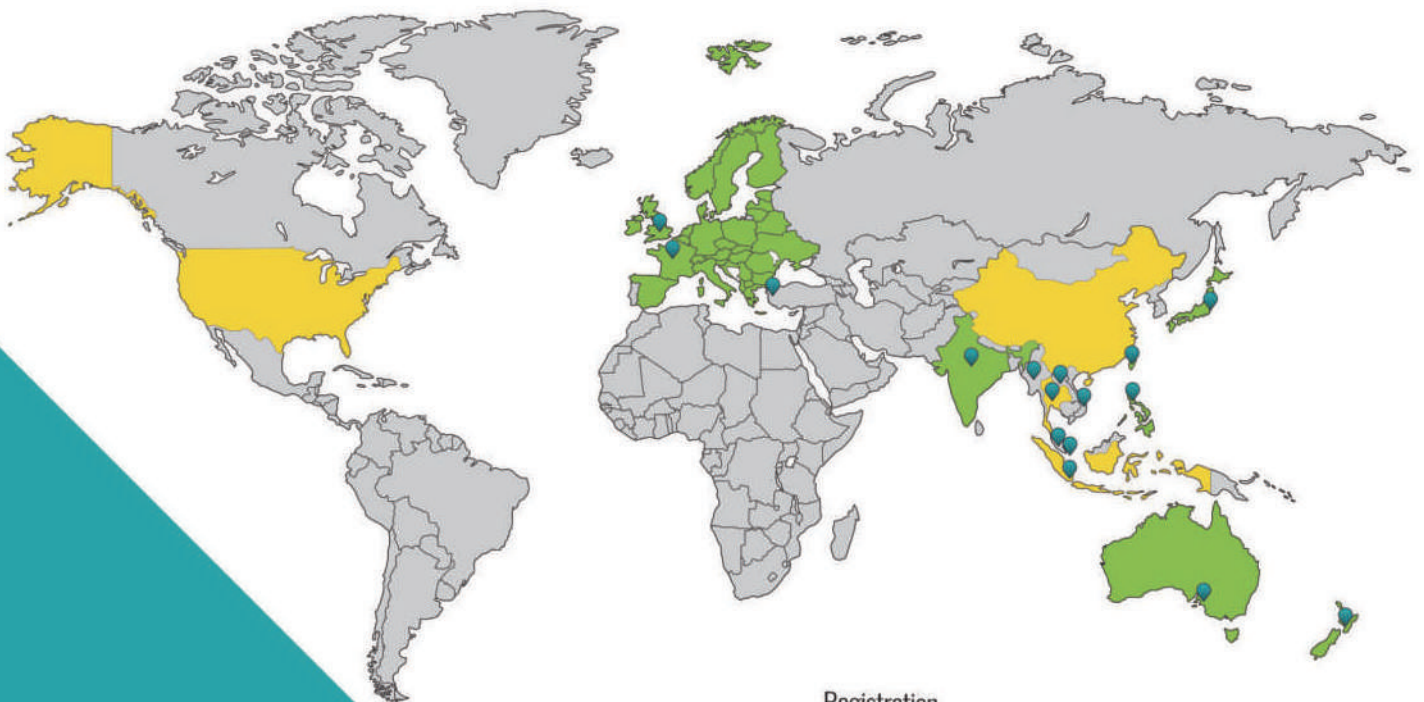
Reliable and user friendly solutions to the health and medical industries

About MedicalTek

MedicalTek Co., Ltd. (MDTK) is devoted to advance medical imaging of minimally invasive surgery (MIS). The MonoStereo® 3D Endoscope Visualization System provides an ultimate solution to the lack of depth perception issue in conventional 2D endoscope systems, enabling a quick and effective 3D visualization.

To ensure continuous innovation and quality improvement, we partner with international MIS experts, global IRCAD institutes and Show Chwan Health Care System for R&D and collaborate with world-class companies in IT, IC design, semiconductor and display for manufacturing.

MedicalTek strives to excellence in ingenuity and quality and is committed to continue delivering reliable and user friendly solutions to the health and medical industries.



Registration

■ Approved

■ Approving



Global Distribution Network

A Better Image for Endoscopic Surgery

In early 1990s, the world of surgery entered a novel era marked by the success of the first minimally invasive procedures and the beginning of the digital world. The MedicakTek has dedicated to an extensive research program on minimally invasive surgical techniques surgeons for a decade. Based on the objective observation on 7000 surgeons from 60 different countries trained in IRCAD Taiwan, and first hand input from 1800 international expert surgeons supervisors, the medical imaging with a software program which makes it possible to instantaneously transform High-Definition 2D images into 3D images intraoperatively. To meet the high quality of the medical device, MonoStereo® has been certified by the international Quality Management System, the Taiwan Good Manufacturing Practice (GMP) and received the approvals of CE, Taiwan TFDA, Japan FDA, Philippine FDA, Australia TGA, with many others such as FDA 510(k), Malaysia,Indonesia, Thailand etc. in the approving process.



PH D. Kai-Che Liu/CEO of MEDICALTEK with Prof. Marescaux at EITS/IRCAD, France

"When I saw the real 2D to 3D surgical operation in Taiwan, I was convinced that this 2D to 3D product is ready for the market.

THIS IS THE BEST 3D SOLUTION ! "

*Prof. Jacques Marescaux
President IRCAD and Chairman IHU, France*

Keep 2D, See 3D



MonoStereo® offers....



3D Images, with excellent depth perception



**Adjustable 3D effect
One processor, upgrade into 3D**

2D

Connect and work with most of the 2D endoscope systems

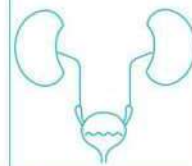
MonoStereo® 3D endoscope visualization system is one of the pioneers in the field of endoscope imaging, provides a real-time 3D perception on surgical image. The 2D to 3D conversion system actually does a 3D reconstruction of the surface and generates a real-time 3D stereo image display. The MonoStereo® 3D is compatible with hundreds rigid and flexible endoscopy and perform seamlessly with today 2D endoscope system. Clinics value its performance on enhanced diagnostic and surgery quality.

Clinical application...



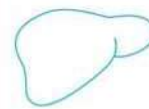
Otolaryngology

Sinus surgery
Myringoplasty



Urology

Transurethral endoscopic surgery
Ureteroscopic surgery



General surgery

Laparoscopic Cholecystectomy,
Colorectal surgery



Gynecology

Myomectomy,
Hysterectomy



Gastroenterology

ESD, EMR

Testimonials from Surgeons...



3D view is nice. We have been using it as a 3D screen when using the microscope and endoscope. It is great.

**Dr. Sébastien FROELICH /
Hôpital Lariboisière, Paris**



A New 3D device for endonasal Sinus surgery! A valuable aid in situations at risk of complications. .

**Dr. Debry Christian /
Hôpital de Hautepierre,
Strasbourg**



MonoStereo® system is very nice and I am excited to use it for GI endoscopy ! The 3D imaging will make a limited experience endoscopists to a Master ESD!

**Dr. Gabriel Rahmi /
Georges Pompidou
European Hospital, Paris**



MonoStereo® has helped greatly in situations that require dexterity, such as laparoscopic suturing. It is a great supplement to any OR.

**Dr. Wayne Huang /
Director of AITS / IRCAD,
Taiwan**



MonoStero® system solved the limitation of in-line vision of single port surgery.

**Dr. Pao-Ling Torng /
National Taiwan University
Hospital, Taiwan**

There was 40 above international neurosurgeons or ENTs participated in the 8th skull base hands-on training on cadaver from Sept. 17- 20, to learn and practice the technical skills required for skull base surgery that represents the interface of an intense interdisciplinary collaboration between otorhinolaryngology and neurosurgery.

MedicalTek 3D MonoStereo® Visualization was applied in the 8th ENDO/MICRO skull base course held in IRCAD Taiwan, conducted by Prof. Sebastien Froelich (Neurosurgeon) and Prof. Christian Debry (ENT), the world well known skull base masters with skill and knowledge.

ADTK[®] *MedicalTek Co., Ltd.*



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