

Ultrasound, portable

Country of origin | Republic of Korea

Primary function | Prevention

Health problem addressed

Everyday, around the world, approximately 800 women die from preventable causes related to pregnancy and childbirth. 40% of these deaths are due to injuries or conditions related to placenta complications, such as ectopic pregnancy, placenta previa, multiple pregnancy, fetal malposition or abnormal fetal growth.



Disease addressed

Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified.

Product information

The device is a pocket-sized, battery operation system for ultrasound imaging in emergency situations using a smartphone application. Images and videos can be transferred to hospital.

Use and maintenance

User: Midwife, nurse, general physician.

Training: Local healthcare workers can base their diagnostic on the video, which can be transferred through the application to hospitals for medical referral diagnosis. The training for using the device and the application takes about 1-2 hours.

Environment of use

Setting: Rural settings, urban settings, outdoors, indoors, at home, public places (market, library, etc.), primary level (health post, health centre), secondary level (general hospital), tertiary level (specialists hospital), ambulances, anywhere.

Energy requirements: Rechargeable battery.

Product specifications

Consumables: Gel, lithium ion battery.

Commercial information

Reference price (USD): 7500

Model: Sonon 300C

Medical device

WHO compendium of innovative health technologies for low-resource settings

2016-2017

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Contact Yong Hwa Kwon | Telephone +82 42 716 7085 | Web <https://bit.ly/2Ld51Ff>