

Samsung Introduces Intelligent Assist Solutions at Virtual ISUOG World Congress 2020



PUBLISHED OCT 16, 2020
BY [SAMSUNG GLOBAL](#)

Samsung Medison, a global medical equipment company and an affiliate of Samsung Electronics, is introducing its new Intelligent Assist solutions, expanding its capabilities in diagnostic solutions. The company has announced the introduction of Intelligent Assist solutions at the virtual ISUOG (International Society of Ultrasound in Obstetrics & Gynecology) World Congress 2020.

Examinations for women with high risk pregnancy, early diagnosis of fetal abnormalities, and automatic measurement solutions in ultrasound for delivery—quality healthcare solutions enabled by Samsung Medison—have been acknowledged and noted in the medical profession.

The devices will be showcased on an online platform prepared for the virtual event, which will feature webinars, virtual exhibitions and chat tools. Samsung Medison will display its new HERA series of ultrasound devices (HERA W10, HERA I10, HERA W9) featuring its new advanced technologies and solutions. The various Intelligent Assist solutions, elaborating on the details will be presented in a video format.

The solutions which expand across the full spectrum of diagnostic functions and capabilities include the following:

BiometryAssist™ and LaborAssist™ are expected to simplify the user's workflow by not only reducing simple repetitive manual tasks, but also increasing measurement accuracy and providing consistent measurements.

These two features have been developed by incorporating the

Intel Distribution of the OpenVINO toolkit into Samsung's diagnostic algorithm. By using the OpenVINO toolkit, powered by Intel processors, data processing moves at a speed 4.7 times faster than equipment without the OpenVINO enhancements.²

"Our Intelligent Assist solutions enhance patient comfort and clinician's convenience, reduce scan time, improve diagnosis accuracy, and increase system throughput. Samsung will continue to develop the next-generation ultrasound solutions in collaboration with Intel for the ongoing development of Intelligent Assist solutions," announced Won-Chul Bang, Vice President of Health & Medical Equipment Business, Samsung Electronics and Samsung Medison.

The event also includes three rounds of webinars, during which world prominent OB/GYN specialists will share the clinical results of various diagnostic tools, including MV-Flow™, LumiFlow™ and CrystalVue™, which are available in the HERA series.

For more information on Samsung's healthcare division, its subsidiaries and products please visit the Intel logo, and OpenVINO are trademarks of Intel Corporation or its subsidiaries.

² Source: Internal Samsung testing.

System configuration: Intel Core i3-4100Q CPU @ 2.4 GHz, 8 GB memory; OS: 64-bit Windows 10.

Inference time without OpenVINO enhancements was 480 milliseconds. Inference time with OpenVINO enhancements was 85 milliseconds.

Press release distributed by Media Pigeon on behalf of Samsung Global, on Oct 16, 2020. For more information subscribe and [follow us](#).

Press Contacts

1. **Samsung UK**

Press Manager

seuk.pr@samsung.com

Media Assets

Embedded Media

Visit the [online press release](#) to interact with the embedded media.

<https://mediapigeon.io/newsroom/samsung-global/releases/en/samsung-introduces-intelligent-assist-solutions-at-virtual-isuog-world-congress-2020-456>

Samsung Global

Newsroom: <https://mediapigeon.io/newsroom/samsung-global>

Website: <https://www.samsung.com/global/>

Primary Email: lon-samsungpr@ketchum.com
