



NEWS RELEASE

# Hologic Announces European Launch of Genius™ Digital Diagnostics System for Cervical Cancer Screening

11/4/2021

--Powerful artificial intelligence combined with digital imaging designed to transform the screening process--

MARLBOROUGH, Mass.--(BUSINESS WIRE)-- Hologic, Inc. (Nasdaq: HOLX) announced today that its new Genius™ Digital Diagnostics System is now commercially available in Europe. The Genius Digital Diagnostics System is the next generation of cervical cancer screening that combines deep learning-based artificial intelligence (AI) with advanced volumetric imaging technology to help identify pre-cancerous lesions and cervical cancer cells in women. It was developed to provide actionable insights, and improve workflow and lab efficiency, all with one goal in mind – to eradicate cervical cancer.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20211104005111/en/>

Genius™ Digital Diagnostics System for Cervical Cancer Screening

With the Genius Digital

Diagnostics System, cutting-edge

image analysis thoroughly interrogates every cell on a ThinPrep® Pap test image to curate a single view of the most clinically relevant objects. The new algorithm – Genius™ Cervical AI – narrows tens of thousands of cells down to an AI-generated gallery, which arms healthcare providers with the critical information they need to guide earlier detection and better treatment decisions for the patients in their care.

"We strive to develop innovative solutions that meet our customers' needs. We are delighted in the overwhelming positive feedback from the customers who have been the first in the world to use this technology," said Andrew Pieprzyk, vice president, Strategic Development Diagnostics, International, Hologic. "The technology enhances the

capabilities of individual laboratories and also has the potential to radically transform how cervical cancer screening is carried out, by enabling laboratories within the same network to collaborate across the world to manage the case load.”

Hologic has been working with leading laboratories in Europe to give them an early opportunity to evaluate the new system including ZotzKlimas Diagnostics Laboratories in Germany, where Founder, Dietmar Klimas, M.D., has led the review.

“As one of the largest labs in Germany, our main objective is to deliver accurate results to doctors and ultimately patients,” said Dr Klimas. “We were one of the first in the world to work with the Genius Digital Diagnostics system. The trial proved to me that this system can help my team to accurately process samples faster and more easily. We are continuing to use it following the trial.”

The Genius Digital Diagnostics System enables seamless and dynamic collaboration across laboratories within a network, connecting pathologists with remote review capabilities so each patient can benefit from the collective knowledge of geographically dispersed experts. Digital case review promises to enhance the experience for lab partners by improving workflow and accelerating review time.

Hologic now offers the first CE-marked comprehensive cervical cancer screening portfolio from sample collection to digital diagnosis.<sup>1</sup> The Genius Digital Diagnostics System consists of the Genius™ Digital Imager for image acquisition, the Genius™ Cervical AI algorithm for analyzing images, the Genius™ Image Management Server (IMS) for storing images and the Genius™ Review Station for case review. The complete system is scalable, designed to fit the present and future needs of laboratories.

#### About Hologic

Hologic, Inc. is an innovative medical technology company primarily focused on improving women’s health and well-being through early detection and treatment. For more information on Hologic, visit [www.hologic.com](http://www.hologic.com).

#### Forward-Looking Statements

This press release may contain forward-looking information that involves risks and uncertainties, including statements about the use of Hologic’s Genius™ Digital Diagnostics system. There can be no assurance these products will achieve the benefits described herein or that such benefits will be replicated in any particular manner with respect to an individual patient. The actual effect of the use of the products can only be determined on a case-by-case basis depending on the particular circumstances and patient in question. In addition, there can be no assurance that these products will be commercially successful or achieve any expected level of sales. Hologic

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SOURCE: Hologic, Inc.

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1 Hologic, Inc. Data on File.

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