



## Press release - December 2020

Lausanne - Switzerland – December 28th 2020 – SamanTree Medical, committed to improving cancer surgery outcomes, closes the year 2020 with promising developments in breast conserving surgery. In addition to the ongoing study in Gustave Roussy, Paris, two projects in Germany have been launched in 2020.

Since September 2020, SamanTree Medical has teamed up with leading experts in Germany: Professor Michael Golatta (Heidelberg University Hospital) and Professor Michael P. Lux (St-Vincenz Hospital, Paderborn). The common denominator between them and SamanTree Medical is the will of improving breast conserving surgery outcomes. In this context, the Histolog® Scanner is used intraoperatively in two independent studies.

*“The approach proposed by SamanTree Medical could significantly improve patient care and decrease hospital costs related to reduction of re-operations”*  
*Professor Lux from St. Vincenz Hospital, Paderborn*

The ongoing studies, ‘Helixir’ in Heidelberg and ‘Polarhis’ in Paderborn, will reach completion early 2021. These studies aim at comparing the use of the Histolog Scanner to the intraoperative imaging practices of the Standard-of-Care for Breast Conserving Surgery, such as X-ray and ultrasound. The results shall open the path for a complete demonstration of the benefits of this novel imaging modality for intraoperative assessment.

*“The Histolog Scanner could potentially improve intraoperative assessment of the surgical specimen, optimizing the chances of removing completely the tumor and DCIS at primary surgery.”*  
*Professor Golatta from Heidelberg University Hospital*

Reductions of positive-margin and re-operation rates potentially achieved using the Histolog Scanner will be assessed by imaging lumpectomies on approximately 100 patients with these two studies.

“This is a very exciting time as we are moving our novel imaging modality from image quality demonstration, to concrete surgical configuration to solve an Unmet Medical Need. We reached a next stage of confidence and support from our clinician partners, and I’m looking forward to the time where we will be able to state that this novel imaging modality is a must-have for a leading center in breast surgery, as obvious as having an X-ray or an ultrasound system”, says CEO and co-founder of SamanTree Medical, Bastien Rachet.



SamanTree  
Medical SA

## **About SamanTree Medical SA**

SamanTree Medical's Histolog Scanner is a breakthrough medical imaging modality that enables new medical procedures with the will to improve cancer treatment. The Histolog Scanner is a digital microscopy scanner for high resolution imaging of the surface of fresh tissue. It is based on a novel ultra-fast confocal microscopy proprietary technology invented in 2010. Its innovative design makes it highly practical for quick assessment during surgery and the clinician is one touch-on-the-screen away from visualizing cancerous cells immediately on a surgical specimen. Enhancing the decision-making process during cancer surgery, this solution carries the promise of better patient care, by increasing the confidence in a complete tumor removal at first surgery.

*Polarhis: Paderborn intraoperative lumpectomy imaging with ultrasound and histolog scanner*

*Helixir: Heidelberg Lumpectomy Imaging with X-ray and Histolog Scanner*

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