

Perimeter Medical Imaging AI Announces Further Commercial Expansion in North Texas with Follow-On Placement of Perimeter S-Series OCT within National Healthcare Provider System

DALLAS and TORONTO, December 14, 2023 – Perimeter Medical Imaging AI, Inc. (TSX-V: PINK) (OTC: PYNKF) (FSE: 4PC) (“Perimeter” or the “Company”) – a commercial-stage medical technology company – today announced a follow-on commercial placement of its flagship Perimeter S-Series OCT system at a new hospital site within one of the largest healthcare networks in North Texas, which is part of a major national healthcare system.

Perimeter’s flagship product, the S-Series OCT (Optical Coherence Tomography), is a pioneering medical imaging system that provides cross-sectional, real-time margin visualization of excised tissue specimens in the operating room at 10 times higher image resolution than X-ray and ultrasound, and 100 times greater image resolution than MRI.

Adrian Mendes, Perimeter’s Chief Executive Officer, stated, “We believe this additional commercial placement within a major national healthcare system – representing the fifth unit placed with this existing customer network – demonstrates that surgeon end users, as well as other stakeholders within the broader healthcare system, see the value of our technology and are recommending it to their peers. Our aim is to make Perimeter’s innovative technology the standard of care in cancer surgery.”

About Perimeter Medical Imaging AI, Inc.

Based in Toronto, Canada and Dallas, Texas, [Perimeter Medical Imaging AI](#) (TSX-V: PINK) (OTC: PYNKF) (FSE: 4PC) is a medical technology company driven to transform cancer surgery with ultra-high-resolution, real-time, advanced imaging tools to address areas of high unmet medical need. Available across the U.S., our FDA-cleared Perimeter S-Series OCT system provides real-time, cross-sectional visualization of excised tissues at the cellular level. The breakthrough-device-designated investigational Perimeter B-Series OCT with ImgAssist AI represents our next-generation artificial intelligence technology that is currently being evaluated in a pivotal clinical trial, with support from a grant of up to US\$7.4 million awarded by the Cancer Prevention and Research Institute of Texas. The company’s ticker symbol “PINK” is a reference to the pink ribbons used during Breast Cancer Awareness Month.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Perimeter S-Series OCT has 510(k) clearance under a general indication and has not been evaluated by the U.S. FDA specifically for use in breast tissue, breast cancer, other types of cancer, margin evaluation, and reducing re-excision rates. The safety and effectiveness of these uses has not been established. For more information, please visit www.perimetermed.com/disclosures. Perimeter B-Series OCT is limited by U.S. law to investigational use and not available for sale in the United States.

Forward-Looking Statements

This news release contains statements that constitute “forward-looking information” within the meaning of applicable Canadian securities legislation. In this news release, words such as “may,” “would,” “could,” “will,” “likely,” “believe,” “expect,” “anticipate,” “intend,” “plan,” “estimate,” and similar words and the negative form thereof are used to identify forward-looking statements. Forward-looking information may relate to management’s future outlook and anticipated events or results and may include statements or information regarding the future financial position, business strategy and strategic goals, competitive conditions, research and development activities, projected costs and capital expenditures, research and clinical testing outcomes, plans and objectives of, or involving, Perimeter. Without limitation, information regarding the potential benefits of Perimeter S-Series OCT and Perimeter B-Series OCT, the expected benefits of Perimeter’s updated version of its ImgAssist AI, and the expected details regarding Perimeter’s ongoing clinical trials, are forward-looking information. Forward-looking

statements should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether, or the times at or by which, any particular result will be achieved. No assurance can be given that any events anticipated by the forward-looking information will transpire or occur. Forward-looking information is based on information available at the time and/or management's good-faith belief with respect to future events and are subject to known or unknown risks, uncertainties, assumptions, and other unpredictable factors, many of which are beyond Perimeter's control. Such forward-looking statements reflect Perimeter's current view with respect to future events, but are inherently subject to significant medical, scientific, business, economic, competitive, political, and social uncertainties and contingencies. In making forward-looking statements, Perimeter may make various material assumptions, including but not limited to (i) the accuracy of Perimeter's financial projections; (ii) obtaining positive results from trials; (iii) obtaining necessary regulatory approvals; and (iv) general business, market, and economic conditions. Further risks, uncertainties and assumptions include, but are not limited to, those applicable to Perimeter and described in Perimeter's Management Discussion and Analysis for the year ended December 31, 2022, which is available on Perimeter's SEDAR+ profile at <https://www.sedarplus.ca>, and could cause actual events or results to differ materially from those projected in any forward-looking statements. Perimeter does not intend, nor does Perimeter undertake any obligation, to update or revise any forward-looking information contained in this news release to reflect subsequent information, events, or circumstances or otherwise, except if required by applicable laws.

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