

**Polarean Imaging Plc**  
("Polarean" or the "Company")

**Appointment of Bastiaan Driehuys as consultant**

Polarean Imaging plc (AIM: POLX), a commercial-stage medical device leader in advanced Magnetic Resonance Imaging ("MRI") of lung function, announces the appointment of Bastiaan Driehuys Ph.D., previously a Board member and Chief Scientific Officer of Polarean, as a consultant to the Company with immediate effect.

As announced in the Company's preliminary results on 28 June 2024, Bastiaan stepped down from his position on the Board effective 24 July 2024 but will retain his position as Chief Scientific Officer of the Company, which he will serve on a consultancy basis.

Bastiaan Driehuys invented hyperpolarised gas MRI while completing his Doctorate in Atomic Physics at Princeton University, and co-founded Polarean Imaging in 2011. He and his team developed the underlying technology of  $^{129}\text{Xe}$  hyperpolarisation, as well as novel MR image acquisition, reconstruction and analysis strategies and how to apply them to problems in pulmonary medicine. Under the terms of the consultancy contract, Polarean will pay Dr. Driehuys an annual fee of US\$36,500.

**Christopher von Jako, Ph.D., CEO of Polarean, said:** "We are delighted to be able to retain Bastiaan as a consultant to the Company, and that he will remain our Chief Scientific Officer. We are excited to continue to capitalise on his expertise as a founder and key member of the Polarean team."

**Enquiries:**

**Polarean Imaging plc**

Christopher von Jako, Ph.D., Chief Executive Officer  
Charles Osborne, Chief Financial Officer

[www.polarean.com](http://www.polarean.com) / [www.polarean-ir.com](http://www.polarean-ir.com)

Via Walbrook PR

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**About Polarean**

Polarean is a revenue-generating medical imaging technology company revolutionising pulmonary medicine through direct visualisation of lung function by introducing the power and safety of MRI to the respiratory healthcare community. This community is in desperate need of modern solutions to accurately assess lung function. The Company strives to optimise lung health and prevent avoidable loss by illuminating hidden disease, addressing the global unmet medical needs of more than 500 million patients worldwide suffering from chronic respiratory disease. Polarean is a leader in the field of hyperpolarisation science and has successfully developed the first and only hyperpolarised Xenon MRI inhaled contrast agent, XENOVIEW™, which is now FDA-approved in the United States. Polarean is dedicated to researching, developing, and commercialising innovative imaging solutions with its non-invasive and radiation-free pulmonary functional MRI platform. This comprehensive drug-device platform encompasses the proprietary Xenon gas blend, gas hyperpolarisation system, as well as software and accessories, facilitating fully integrated modern respiratory imaging operations. Founded in 2012, with offices in Durham, NC, and London, United Kingdom, Polarean is committed to increasing global awareness of and broad access to its XENOVIEW MRI technology platform. For the latest news and information about Polarean, please visit [www.polarean.com](http://www.polarean.com).

**XENOVIEW IMPORTANT SAFETY INFORMATION**

**Indication**

XENOVIEW™, prepared from the Xenon Xe 129 Gas Blend, is a hyperpolarized contrast agent indicated for use with magnetic resonance imaging (MRI) for evaluation of lung ventilation in adults and pediatric patients aged 12 years and older.

**Limitations of Use**

XENOVIEW has not been evaluated for use with lung perfusion imaging.

**CONTRAINDICATIONS**

None.

**Warnings and Precautions**

**Risk of Decreased Image Quality from Supplemental Oxygen:** Supplemental oxygen administered simultaneously with XENOVIEW inhalation can cause degradation of image quality. For patients on supplemental oxygen, withhold oxygen inhalation for two breaths prior to XENOVIEW inhalation, and resume oxygen inhalation immediately following the imaging breath hold.

**Risk of Transient Hypoxia:** Inhalation of an anoxic gas such as XENOVIEW may cause transient hypoxemia in susceptible patients. Monitor all patients for oxygen desaturation and symptoms of hypoxemia and treat as clinically indicated.

**Adverse Reactions**

**Adverse Reactions in Adult Patients:** The adverse reactions (> one patient) in efficacy trials were oropharyngeal pain, headache, and dizziness. **Adverse Reactions in Pediatric and Adolescent Patients:** In published literature in pediatric patients aged 6 to 18, transient adverse reactions were reported: blood oxygen desaturation, heart rate elevation, numbness, tingling, dizziness, and euphoria. In at least one published study of pediatric patients aged 6 to 18 years, transient decrease in SpO<sub>2</sub>% and transient increase in heart rate was reported following hyperpolarized xenon Xe 129 administration. XENOVIEW is not approved for use in pediatric patients less than 12 years of age.

Please see full prescribing information at [www.XENOVIEW.net](http://www.XENOVIEW.net)

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