



Spatium Medical B.V. closes €5 Million financing round to bring smart insufflation technology to operating theatres in Europe and the USA.

**Rotterdam-based company Spatium Medical B.V., a pioneering MedTech spinoff from Erasmus MC, has successfully closed a €5 million financing round. This round includes new investors InnovationQuarter and Demcon Investment Fund and two of the existing investors: Van Herk Ventures and Swanbridge Capital. The financing round is made possible with the continued support from Erasmus MC TTO and with the Innovation Credit from the Netherlands Enterprise Agency (RVO).**

Since the 1990's, the number of laparoscopic surgeries has been ever growing, drastically reducing patient recovery time. However, the use of pressurized CO<sub>2</sub> gas to create workspace for the surgeon, is not without consequences. Spatium Medical provides a solution by bringing smart, personalised insufflation to the world of laparoscopy.

The unique features of Spatium Medical's product enable the surgeon to choose the right pressure for each individual patient, lowering the burden and reducing recovery time. It ensures stability of the surgical workspace, improving safety during the procedure. On top of that, it adjusts to mechanical



ventilation. In other words, the technology is “breathing with the patient”, reducing patient burden and lowering the risk of complications.

This financing round will allow Spatium Medical to finalise the development of the smart insufflation device and to complete clinical studies in a number of hospitals. This will result in the certified product that will give patients access to improved surgical outcomes. Spatium Medical, recently incorporated in March 2022, is aiming to launch the innovative product in 2026.

Willem Mees van der Bijl, CEO of Spatium Medical:

*The collaboration between the new and existing investors, the Netherlands Enterprise Agency (RVO) team and the Spatium Medical team has been invaluable. Not only in closing this important financial round, but also in sharing knowledge and expertise. This enables us to bring this innovative technology, developed here in Rotterdam, to the point where it will become the next standard of care for minimal invasive surgeries worldwide. Very exciting!*

Nina Satih, Investment Manager at leading investor of this round InnovationQuarter is thrilled to support Spatium Medical in advancing their groundbreaking technology: *“We are excited to see Spatium Medical's vision come to life as they develop a technology that could drastically improve patient recovery times and surgical safety. This is exactly the type of innovation InnovationQuarter strives to support.”*

Bibi van Gijzel, Anna Faddeeva and Xavier Wolters, investment managers at the Netherlands Enterprise Agency (RVO), are proud to support Spatium Medical's innovative smart insufflation technology, which personalizes pressure settings during laparoscopic surgery to enhance patient safety and recovery. *“At RVO, we are committed to fostering innovations that improve healthcare, and Spatium Medical's journey is a perfect example of how our support may accelerate the development of life-changing medical technologies.”*

Many thanks to all new and existing investors Van Herk Ventures; Swanbridge Capital; Innovation Quarter Capital; UNIQ - Finance for the Future; Erasmus MC; Human Plus; IDE Group; Demcon Investment Fund; Netherlands Enterprise Agency.



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## About Spatium Medical

Spatium Medical is an innovative spin-off from Erasmus MC in Rotterdam, developing the next generation of insufflation technology. During laparoscopy, the abdomen is insufflated to create workspace for the surgeon. It is vital to use the lowest possible pressure and keeping it stable to accomplish the surgical task without compromising the surgical outcome. Spatium Medical's next-generation insufflator uses turbine technology to provide reciprocal insufflation, enabling stabilized pressure, and oscillometry technology that allows selection for personalised pressures.

Developed by clinicians and researchers at Erasmus MC in Rotterdam, The Netherlands, and the TechRes Lab in Milan, Italy, these innovative technologies enable us to improve patient recovery and surgical outcome in laparoscopic surgeries. Spatium Medical aims to provide surgeons with next-generation technologies to improve the lives of patients worldwide.

## About InnovationQuarter

InnovationQuarter is the regional economic development agency for the region Zuid-Holland. InnovationQuarter finances innovative and fast-growing companies, assists international companies in establishing their businesses in this region, and facilitates (international) collaboration between innovative entrepreneurs, knowledge institutes and government. InnovationQuarter has € 300 million in funds under management. We are one of the most active investors in The Netherlands. We fund disruptive startups & scale-ups that create a cleaner, smarter and healthier world. High risk, but also high impact.

## About Netherlands Enterprise Agency (RVO)

The Netherlands Enterprise Agency (RVO) supports entrepreneurs and organizations that are working on sustainability, innovation, or internationalization. This support includes subsidies, financing, knowledge, networks, and information on laws and regulations. Together, we seize the opportunities of today and work towards the world of tomorrow.

