



**COMPANY NAME:** Wmas SpA

**INDUSTRY SECTOR:** Medical Devices, Healthcare, Personal Care, Packaging

**PRODUCTS:** Permanent Urinary Catheter, Antimicrobial Menstrual Cups

**FOUNDATION DATE:** 03/14/2023

**PUBLIC FUNDING RAISED:** USD \$1M

**PRIVATE FUNDING RAISED:** USD \$0

**AWARDS AND RECOGNITIONS**

WIPO Regional Forum on IP for Women in STEM and Entrepreneurship.  
Featured Technology in STEM area.  
Finalist for the 2024 AVONNI National Innovation Award in Health.

**PRE-MONEY VALUATION:** USD \$4.1M

**POST-MONEY VALUATION:** USD \$42M

**INVESTMENT AMOUNT SOUGHT:** USD \$1.458M for 10% equity

**LEADING TEAM**



**Dra. María Cristina Paredes E.**  
CEO



**Dra. Sara Ramírez Pastén**  
CTO



**Ing. James Norman**  
COO



**Claudia Verdugo Salinas**  
CFO

**WHO WE ARE**

Wmas SpA is a women-led company dedicated to developing nanomodified medical-grade materials incorporating copper particles. We strive to create technological solutions with impact and purpose.

**PROBLEM & OPPORTUNITY**

Healthcare-Associated Infections (HAIs) are a global public health issue. In particular, urinary tract infections associated with the use of permanent urinary catheters are the most common healthcare-related infections. These infections increase morbidity, mortality, and hospital costs, generating a significant healthcare, social, and human impact.

**TECHNOLOGY**

We have developed COPESIL, a unique, disruptive, and purpose-driven technology. It consists of the nanomodification of medical-grade silicone materials through the immobilization and anchoring of copper nanoparticles within their structure, granting them exceptional antimicrobial and anti-biofilm properties. This technology has been validated, is efficient, and safe for human use, and can be applied to all silicone-based medical devices.

**SOLUTION**

Copesilcup is a permanent urinary catheter developed using COPESIL technology. This device reduces catheter-associated infections and has been tested in a clinical trial involving 270 human patients, demonstrating excellent results.

**MARKET**



**PRODUCTS**

COPESILCUP: An antimicrobial and anti-biofilm permanent urinary catheter.  
COPESIL Feminine Care: An antimicrobial menstrual cup that does not require sterilization.



**BUSINESS MODEL**

Domestic B2B: Through distribution agreements with major national companies in the sector.  
International Licensing.

**ROADMAP**



**WMAS' GREATEST ASSET IS ITS TEAM**

An interdisciplinary team with expertise in R&D, technology transfer, entrepreneurship, business models, clinical trials, intellectual property strategy, market analysis, and finance. The team includes PhD professionals in Public Health, Chemistry, and Biotechnology, along with experts in engineering, finance, technology transfer, epidemiology, infectious diseases, nursing, and healthcare.