

*Dr. Antonello Forgione MD PhD MBA FACS - Founder, CEO, CMO*

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VALUEBIOTECH

# M.I.L.A.N.O. ROBOTIC PLATFORM

Minimally Invasive Light Automatic Natural Orifice

**PAINLESS AND SCARLESS SURGERY FOR EVERYONE**

# ROBOTIC SURGERY APPROACHES



## FULLY ROBOTIC TECHNIQUE

The surgeon handles organs, controls the vision and the exposition via a surgical console. There is no more contact between the surgeon and the patient



*Currently, there is no company on the market offering devices to carry out surgical procedures in both techniques*



## ROBOSCOPIC TECHNIQUE

The surgeon handles organs and tissues - a robot holds the camera to allow the vision over the operating field



***“Valuebiotech will create the first robots designed from the surgeon perspective to improve patient outcomes while also allow ease-of-use and rapid adoption.”***

**Antonello Forgione**  
**Founder, CEO, CMO Valuebiotech**



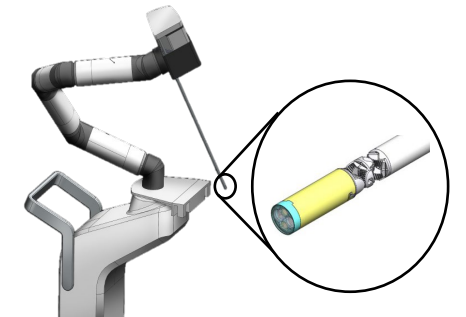
**2012: Valuebiotech Italy was born**

# ASSISTIVE ROBOTS

**ROBOSCOPIC APPROACH:** robots cover supporting (assistive) tasks such as holding the camera to allow the vision over the operating field or retracting tissues to allow a full exposition over the operating field. In this approach, robots are controlled by the surgeon at all times and do not execute any task actively.

## HORUS = CAMERA ROBOT

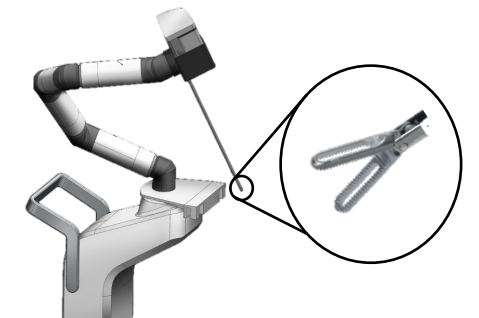
Horus is an articulated robotic endoscopic video device that provides imaging of the surgical operative field during multiple-specialty surgical procedures. Horus is controlled via a voice-based virtual assistant.



Horus

## AIBIS = EXPOSURE ROBOT

Aibis is intended to be used for tissue holding during multiple-specialty surgical procedures.



Aibis

***HORUS and AIBIS Robots are fully integrated in AIMHO Operative Platform***

# EIC ACCELERATOR 2022

European  
Innovation  
Council



**DICEMBRE 2021**  
Inizio lavoro  
preparazione Materiale  
progetto

**APRILE 2022**  
Step 1 submission: Brief  
Project Description

**OTTOBRE 2022**  
Step 2 submission: In-  
depth Project  
Description

**DICEMBRE 2022**  
Step 3 Videoconference  
with EU experts

**MARZO 2023**  
Firma Grant Agreement

2021

2022

2023

Finanziamenti a fondo perduto tramite il Fondo dello **European Innovation Council** per l'innovazione di start-up e le piccole imprese innovative per sviluppare e ampliare innovazioni.

L'EIC Accelerator fornisce un sostegno finanziario sostanziale con:

Finanziamenti a fondo perduto: fino a **2,5 milioni di euro** per i costi di sviluppo dell'innovazione

Investimenti (partecipazioni dirette): fino a **15 milioni di euro** gestiti dal Fondo EIC per lo scale-up dei progetti EIC Accelerator

## PUNTI CHIAVE DI PREPARAZIONE E PARTECIPAZIONE

- Selezionare uno **stream di progetto da «accelerare»** come da direttive del bando
- Creare un piano di lavoro con relativo budget coerente
- **Prefissare obiettivi tangibili**: la redazione di relazioni attestanti il termine delle attività favorisce la praticità degli output
- Comunicare con il proprio **Project Officer e Financial Officer**: sono riferimenti a disposizione per supportare i progetti



## European Innovation Council Accelerator

Successful Companies | Cut-off 5 October 2022



[https://eic.ec.europa.eu/news/european-innovation-council-welcomes-78-high-potential-start-ups-and-smes-highly-competitive-2022-12-19\\_en](https://eic.ec.europa.eu/news/european-innovation-council-welcomes-78-high-potential-start-ups-and-smes-highly-competitive-2022-12-19_en)



**Painless, scar-free surgery  
For everyone.**



**VALUEBIOTECH**  
THE NEW WAY OF SURGERY

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