



Senhance®

Evolve  
— 2.0

## Senhance® Surgical System with Digital Laparoscopy



### A New Era in Minimally Invasive Surgery

#### Comfortable Ergonomics

- Surgeon seated at cockpit
- Easily reposition hands with clutching
- Open cockpit for ease of patient-side communication with team

#### Responsible Economics

- Portfolio of reusable standard instruments
- 3, 5, and 10 mm instruments
- Per-procedure cost similar to traditional laparoscopy

#### Eye-Tracking Camera Control

- Surgeon controls the field of view
- 3DHD or HD fluorescence vision
- Move instruments and camera simultaneously

#### Security of Haptic Feedback

- Ability to use a digital fulcrum point to minimize torque at incision site
- Alerts surgeons of excessive forces
- Detect forces on instruments outside field of view

## Improvement | Innovation | Evolution



### Improving User Experience

- Improved system responsiveness<sup>1</sup>
- Next generation, enhanced eye tracking technology



### Continuing Innovation

- Compatible with upcoming Senhance Simulation
- Software platform enables future visual intelligence capabilities



### Evolving Technical Capability

- Set up for the future of 4K vision
- Improved system boot-up time<sup>2</sup>

The **Senhance Surgical System** successfully digitizes the surgeon interface during Laparoscopy. The Evolve 2.0 Technology Program significantly upgrades the Senhance system with completely **NEW:**

- Hardware
- Software
- Capabilities

The **Evolve 2.0 Technology Program** unlocks the next generation of digital laproscopic surgery

<sup>1</sup> Data on file (REC-020-00572.003)

<sup>2</sup> Data on file (REC-020-01248.000)

The Senhance® Surgical System is CE marked according to the MDD and is intended to be used on adults and pediatric patients (BMI of up to 40 and weight equal to or above 10 kg) in laparoscopic surgery in the abdomen, pelvis and limited uses in the thoracic cavity excluding the heart and greater vessels. The device is restricted to sale by or on the order of a physician.

TransEnterix Italia S.R.L. is the legal manufacturer for CE purposes.

Eye trackers supplied by Tobii.

Senhance was developed under a license of the European Commission Joint Research Centre.

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[www.TransEnterix.com](http://www.TransEnterix.com)  
[www.Senhance.com](http://www.Senhance.com)

[orders@transenterix.com](mailto:orders@transenterix.com)  
TransEnterix Europe S.à.R.L. (Swiss Branch)