

# sensobright | LAPAROSCOPIC SURGERY SYSTEM

During an open surgery, experienced surgeons can detect tumorous tissues just by touching them. This knowledge is the result of many years' experience. Although minimally invasive surgeries have numerous benefits, including shorter recovery times and fewer post-surgical complications, surgeons lose the ability to touch and the benefits of touching. The Sensobright Laparoscopic Surgery System, - thanks to our artificial intelligence software - carries the surgeons' priceless experience to other surgeons via "sensitive and trained" laparoscopic devices.

The Sensobright Laparoscopic Surgery System is composed of a processor that runs our artificial intelligent software and an add-on apparatus designed for laparoscopic devices. The add-on apparatus contains a specifically designed version of our 100+ granted patented, many awards winning, highly sensitive, tactile and temperature sensors. It can be attached to the laparoscopy device without changing its shape or size. During minimally invasive surgeries, the sensory system warns doctors, if the critical threshold of force application is exceeded and a potential tumor or internal bleeding is detected, which can lead to surgery-influenced metastasis. The warning also includes information about their growth direction, which helps doctors determine the source of the tumor.



Statistically, surgeons are expected to serve at least five years in order to be "experienced" and perform hundreds of surgeries during this period. As our technology carries the priceless experience to other surgeons through "sensitive and trained" laparoscopic devices, the success rate will increase dramatically during their first 5 years' laparoscopic surgeries.

Recent studies demonstrate that, if necessary precautions were taken to prevent surgery-influenced metastasis, in the US alone in 2022, an additional 21% of patients, or about 240,000 people, undergoing surgery could be totally cured. In other words, insurance companies and the US government could save roughly \$24 Billion in health-care spending. If our system is used in cancer-focused minimally invasive surgeries - in the United States alone - it has the potential to save a majority of these 240,000 lives as well as a significant amount of these \$24 Billion in health care spending each year.

*are you ready to feel Better?*







Sensobright Industries is an innovation driven technology company with over 145 international granted patents in the tactile sensor field. With extensive engineering and manufacturing capabilities, the company is dedicated to advancing and translating its novel concepts into next-generation products and technologies for commercialization.

Prof. Dr. Utku Buyuksahin has teamed with KOC HOLDING, a Global Fortune 500 Company, to develop and commercialize tactile sensor technology. Sensobright Industries, a Delaware Company, was established in 2018 with the goal of developing tactile sensors and their production technology.

Comprising three PhDs, one MBA and six Bachelor of Science degrees, as well as accomplished professors and veterans, the Sensobright team collectively possesses over 170 years of professional experience.

Sensobright is fully equipped to handle every aspect of the process, including engineering, manufacturing, and after-sales support by leveraging the in-house assets.

During the COVID-19 crisis, Sensobright invested more than \$5M in new technologies and infrastructure and is continuing to invest.



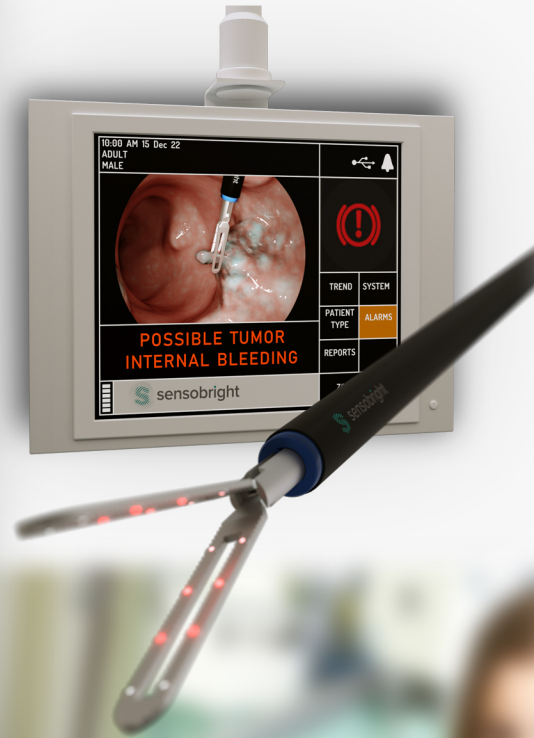
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a TOTAL of 170+  
YEARS of EXPERIENCE

145+ PATENTS  
GRANTED

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