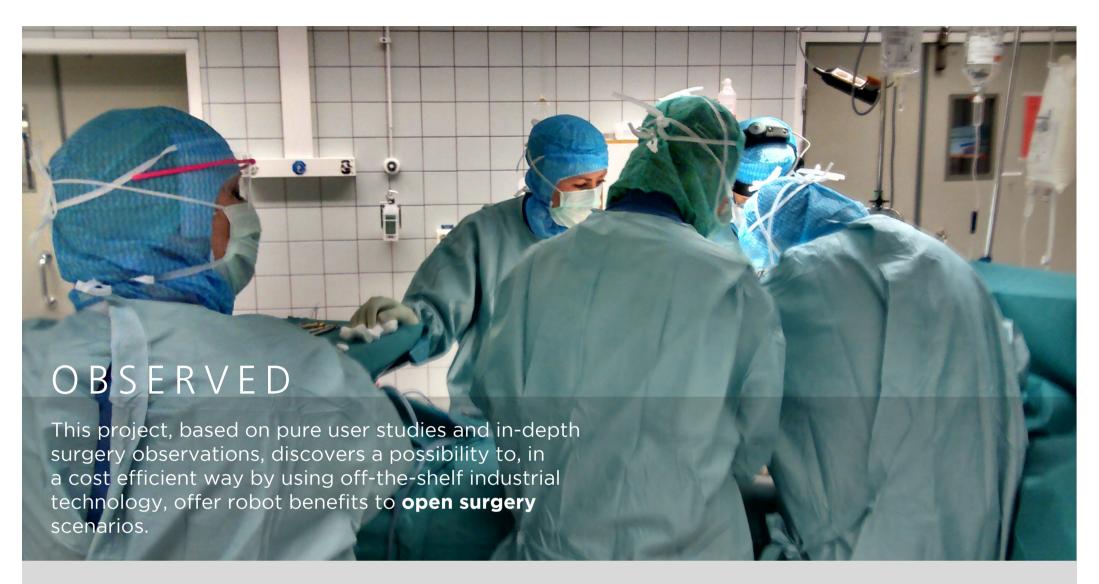
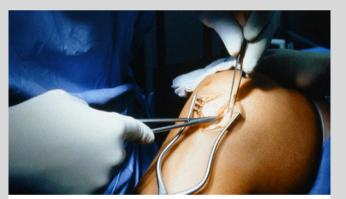
LIVIA SURGEON'S STEADY HAND



EVER SO SMALL MOVEMENTS



Extremely high precision is needed when working in sensitive areas.

LONG HOURS



Plenty of extra hands are needed when holding tissue in static positions for hours.

TIGHT AND DARK

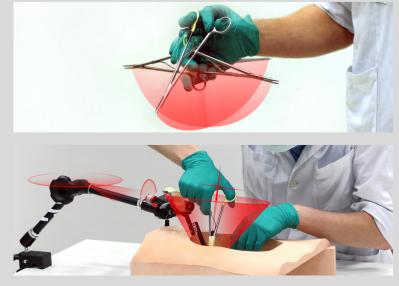


Magnifying glasses, lights, loupes, head lamps... It is hard to navigate inside our bodies.

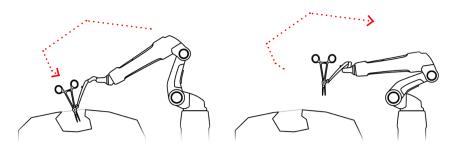
Detailed mapping of the workflow in an operation room, handling of instruments and hand movements resulted in physical prototypes and test models evaluated with surgeons.

With a minimal effort can the surgeon merge the product concept into their regular workflow and enhance the stability in their movements, get improved vision and aid in holding tissue in static positions.

MAPPING, TESTING, EVALUATING







STATIC STABILITY

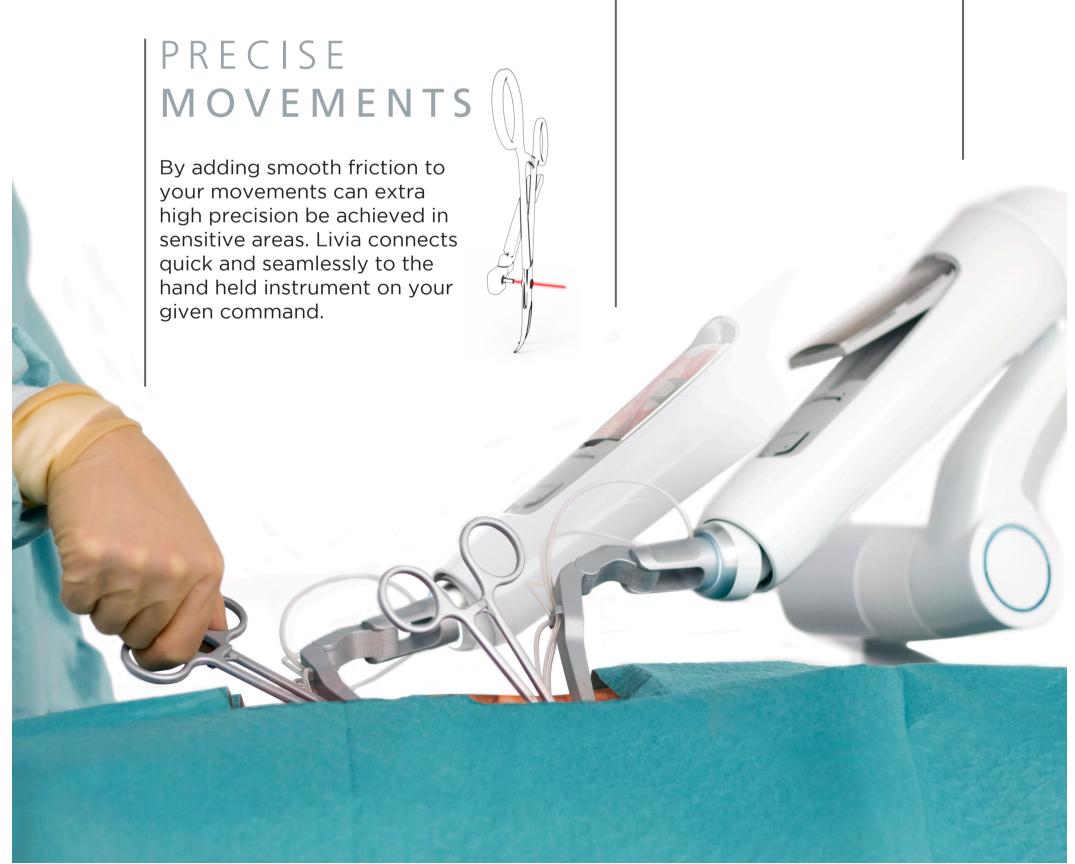
The instrument can be left in any possible position - a static, secure grip is secured by your extra hand the same second you let your hand off the instrument. Livia remembers the route in and can automatically take the same safe way out.

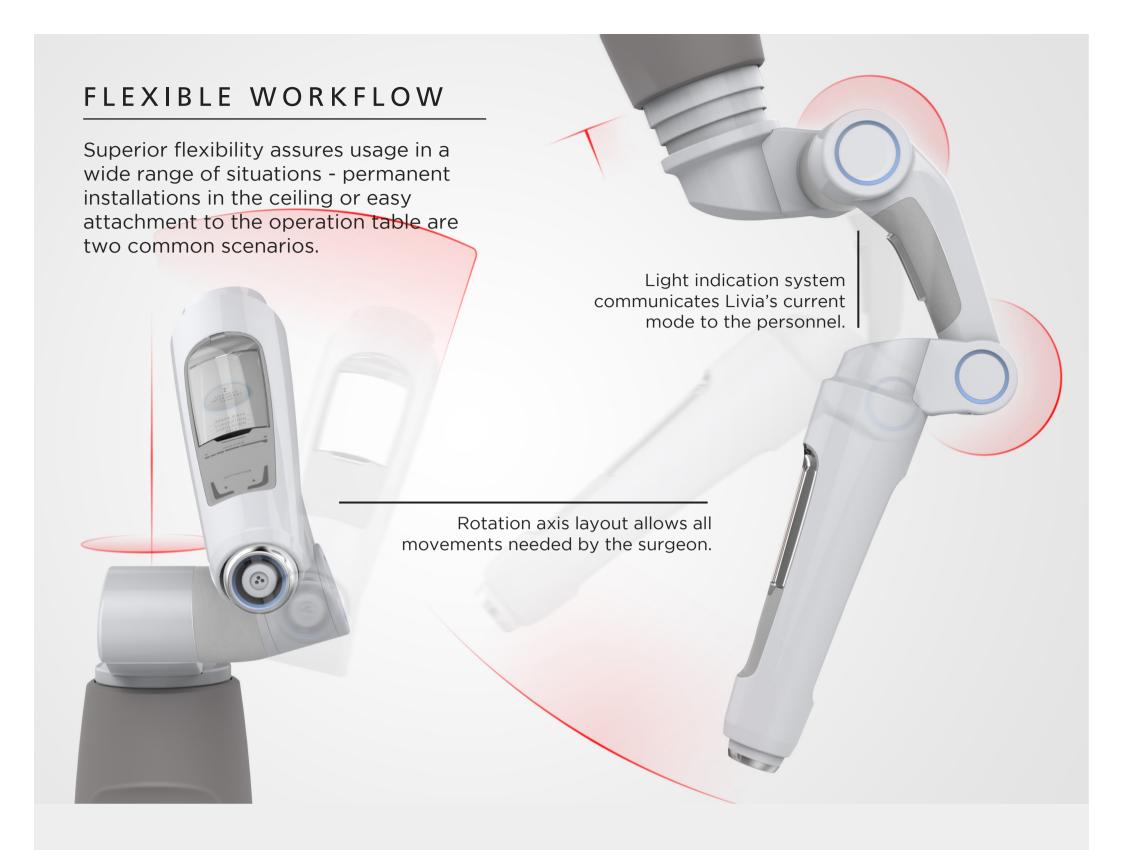




Using cameras and LED light, a clear view of the operation field is transported from the tip of your instrument to a high resolution screen in your field of vision.







FUTURE SAFE CONNECTIVITY



The plug-and-play Instrument
Head system makes the Steady
Hand ready for the upcoming
task and for future applications.
Extremely special surgery
situations requires differently axis
and lenght set-ups.

Equipped with camera and light, all desired hand movements are allowed by the Instrument Head. Cleaning is done in the hospital's autoclave.

INTUITIVE

ENHANCEMENT

Voice controls, hardware buttons or the touch screen interface makes Livia even more flexible and ready for every possible situation. Real time camera view of the operation field can be merged with x-rays for even better locating in the body.





