

Press release

10 May 2019

CAScination is a finalist of the Swiss Medtech Award 2019

The Bern-based medical technology company CAScination is a nominee for the Swiss Medtech Award 2019. The jury emphasized the significant patient benefit of CAScination technology, the impressive growth of the company and the positive economic impact on the Swiss medtech industry. The award ceremony will take place on 6 June as part of Swiss Medtech Day in the Kursaal in Berne.

For the nomination CAScination put forward its vision for the future of integrated microsurgery procedures of the ear: OTOPLAN[®] is a dedicated planning tool for surgery on the ear that seamlessly integrates with HEARO[®] the world's first robotic, ear microsurgery platform. Both innovations are part of a successful cooperation with MED-EL, the European leader for hearing implant solutions. OTOPLAN[®] and HEARO[®] are a result of over a decade of collaborative research with the University of Bern, the Inselspital and other international institutions.

OTOPLAN[®] is an end-to-end, high-agility surgical planning and standardization tool for ear surgery. It visualizes the patient-specific anatomy in 3D to enable pre-planning of manual and robotically-assisted surgical procedures "before the first cut". Post-operatively OTOPLAN[®] has powerful functions to verify and report surgical outcomes.

HEARO[®] is a surgical robot system configured for microscale precision to execute any OTOPLAN[®] surgical plan "at the scale of a human hair". Based on the surgeon's planning the HEARO[®] system can create a pinhole access from the surface of the skull directly to the inner ear (the cochlea). The power of the HEARO[®] procedure is a minimally-invasive, robotic Cochlear Implantation approach designed to deliver more consistent surgical outcomes by overcoming the human limitations of manual surgery.

The HEARO[®] procedure has been successfully executed in patients by Prof. M. Caversaccio (Inselspital, Bern) and Prof. V. Topsakal (UZA, Antwerpen). The HEARO[®] system is currently undergoing CE-marking and more clinical centers in Europe are to begin work with the HEARO[®] system soon.

The award ceremony will take place on 6th of June as part of the Swiss Medtech Day at the Kurhaus in Bern. . The winner of the Swiss Medtech Award will be honored at the end of Swiss Medtech Day and will receive a prize of CHF 50,000.

The jury for the Swiss Medtech Award 2019 consists of following members:

- Prof. Mirko Meboldt, ETH Zurich, (President)
- Prof. Dr. med. Edouard Battegay, University Hospital Zurich
- Lukas Märklin, Straumann AG
- Hans Ulrich Lehmann, Ypsomed AG

The Swiss Medtech Award is presented to outstanding achievements in the field of medical technology industry. Candidates from the fields of invention, innovation, and entrepreneurship can apply. The award particularly recognizes products or solutions that demonstrate clear patient benefit.

CAScination AG is an award-winning medical technology company dedicated to development, manufacturing and commercialization of innovations in computer-assisted and image-guided surgery. Our trailblazing navigation systems and surgical robots are designed to improve outcomes for patients undergoing surgical or interventional procedures and offer new perspectives to patients worldwide. Our CAS-One system is used to treat patients suffering from soft tissue cancer (e.g., liver cancer) by many hospitals across Europe.

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