

## **Integrum's e-OPRA™ Implant System awarded *Best of What's New Award* from Popular Science**

Integrum's e-OPRA™ Implant System has been awarded a 2020 Popular Science *Best of What's New Award* in the engineering category.

Integrum is both excited and proud to share that our mind-controlled, bone-anchored implant system—the e-OPRA™ Implant System—has been awarded a 2020 Popular Science *Best of What's New Award* in the engineering category! Which is a tribute to Integrum's role as a frontrunner in the field of bionic limbs and neurorehabilitation.

"The Best of What's New Awards showcase the year's greatest feats of human ingenuity," says *Popular Science* Editor-in-Chief Corinne Iozzio. "Even in a year like 2020, innovation has helped us glimpse a future that's safer, smarter, and more enjoyable than we might have thought possible.

Watch [this video](#) to see how the e-OPRA™ Implant System can assist upper limb amputees in their daily lives. (The first person appearing in the video is Magnus Niska, the first recipient of the e-OPRA™ Implant System. [Magnus just won the bronze medal in the discipline "Power Arm Prosthetic Race" at the Cybathlon 2020 World Edition](#)).

"We are honoured to receive the award. Integrum is at the forefront of innovation when it comes to improving the lives of people with amputation. We are motivated by this recognition and will continue working towards making our remarkable technology accessible to those who need it", says Maria Lopez, CEO, Integrum AB.

### **Popular Science 'Best of What's New'**

*Best of What's New* is awarded annually since 1988, to celebrate the top 100 innovative products and technologies that represent significant advancements in 10 categories: Aerospace, Automotive, Engineering, Entertainment, Gadgets, Health, Home, Personal Care, Security, and Sports & Outdoors.

The award is given by [Popular Science](#) magazine, one of America's oldest and most trusted brands. By making science and tech engaging, approachable, and inclusive, Popular Science keeps readers, listeners, and viewers plugged in to and excited about the world around them.

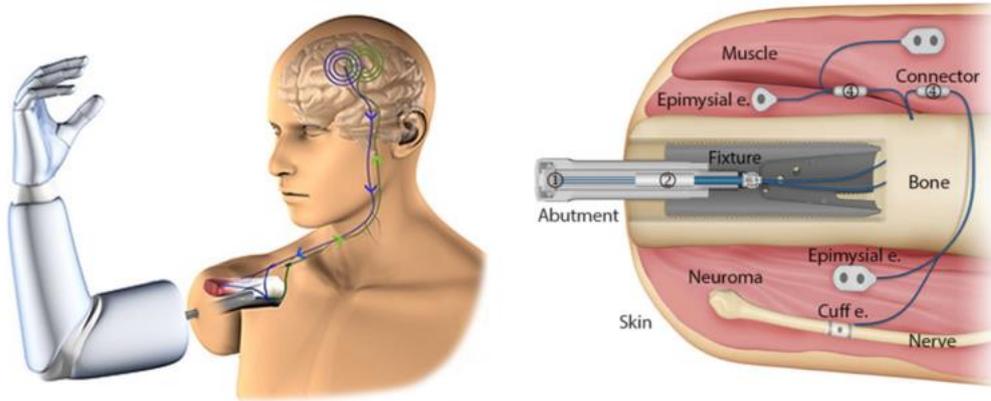
### **About the e-OPRA™ Implant System**

The e-OPRA™ Implant System is a mind-controlled prosthetic system that uses artificial intelligence to provide the user unparalleled prosthetic (motor) control with improved precision and has the capability to provide sensations of touch, making it one of the most advanced implants in the world. The first patient was treated in 2013, when the patient's pre-existing OPRA™ Implant System was upgraded with the addition of permanently implanted neuromuscular electrodes, thereby connecting the prosthesis not only to the patient's bone, but also to nerves and muscles. The OPRA™ Implant System consists of a threaded titanium Fixture, surgically inserted into the bone, and an Abutment that extends out of the body, percutaneously. The Fixture and the Abutment are held together by an Abutment Screw. The



Abutment Screw was replaced with a hollow e-OPRA™ Abutment Screw, through which electrodes were routed and implanted in nerves and muscles, creating a bidirectional wired communication pathway between the body and the prosthesis.

The e-OPRA™ Implant System is not yet commercially available.



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#### **About Integrum**

*Integrum AB is a publicly-traded company (INTEG B: Nasdaq First North exchange) based outside of Gothenburg, Sweden with a U.S. subsidiary in San Francisco, CA. Since 1990 the OPRA™ Implant System has been helping individuals with amputations towards an improved quality of life. Thorough surgical experience gained over more than three decades from 500 surgeries in 14 countries has led to the development of Integrum's system for bone-anchored prosthetics – a beneficial alternative to the traditionally used socket prosthesis. The OPRA™ Implant System is the only FDA approved medical device for above-knee, bone-anchored prosthetics available in the U.S. More information on the company and its innovative solutions for amputees can be found at [www.integrum.se](http://www.integrum.se).*