

7 people have 'hacked' their own bodies to have the same power as machines

Luckily, there have been no documented cases of being able to become the Destroyer of the human race.

The hybrid - has come out of fantasy movies, has become a reality in life. In the world, there are people who obey transforming the body "stuffing" electronic components into their skin, technology that controls fake limbs with thoughts, or antennas in the head bone .

Here are the 7 most famous characters in this field that will give you a new, unusual perspective on the directions of the future.

1. Neil Harbisson



Harbisson is an English artist and musician with color blindness. In 2004, he performed surgery to **implant an antenna into the bottom of the skull**. In addition, his forehead has a sensor that analyzes the light that will transmit the information back and turn it into separate audio signals and frequencies.

This enables Harbisson to be able to "**listen**" to colors that ordinary people cannot afford. "*With my mobile phone, I can connect to NASA International Space Station and receive color information directly from the space,*" quotes Harbisson on Tech Insider.

2. Moon Ribas

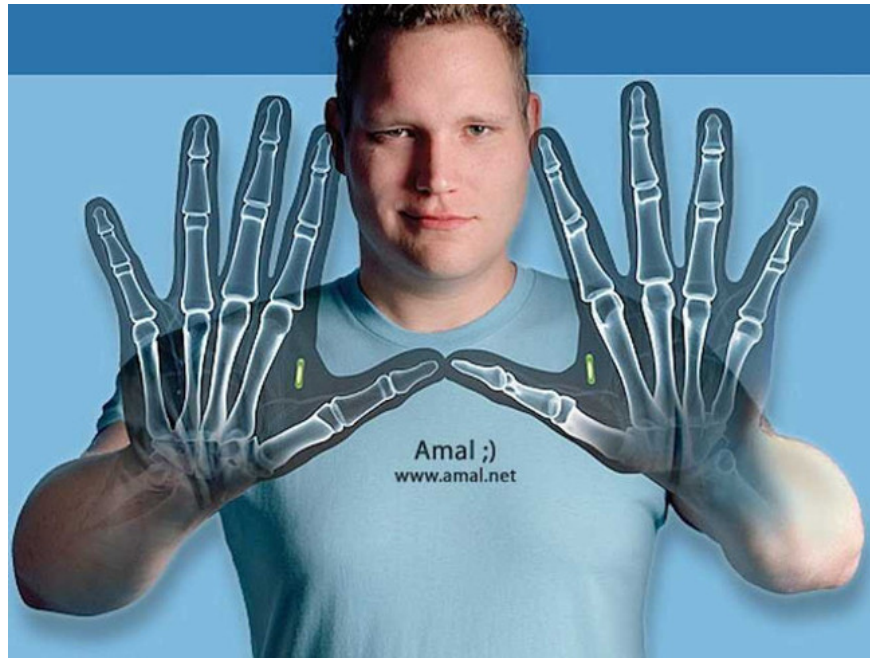


Moon Ribas - a Spanish artist **implanted micro-magnetic sensors into the area near the left elbow** 3 years ago. These sensors are connected to **seismic measurement data worldwide** . So Ribas's hand will vibrate to signal every seismic occurrence. The vibration intensity is proportional to the measured level of the machine.

Ribas has opened up a new artistic style, dancing and performing at the same pace with the vibration of the sensor. She also considered it a new sense of her.

"As if I have two heartbeats at the same time ," Ribas shared with Quartz.

3. Amal Graafstra



Graafstra is the CEO of Dangerous Minds, a company that develops tools for people to self-apply and install machines on their own bodies. And Graafstra did very well what the company wanted to convey.

He **implanted two radio frequency identification chips inside his hand** , aiming to unlock his own door or log into his personal computer, just by hand gestures.

" *We have been realizing the noble tasks of modern science, involving the human body itself ,*" said Graafstra in a conversation with Tech Insider.

In the future, he hopes to create a form of synchronization between bank accounts and chips in his hands to be able to perform transactions without many complicated steps and procedures.

Jens Neumann



In 2002, Neumann was the first person in the history of the world to successfully implant an **artificial electronic eye** - the breakthrough of humanity called **Dobelle Eye** .

Dobelle Eye is made by biomedical specialist William Dobelle. This eye has the ability to connect cameras integrated with the brain, thereby helping blind people to recognize the shapes and things that are ahead.

The success of Neumann's case has led the government to focus more on similar projects, playing an important role in helping and supporting unfortunate soldiers.

Especially cases of brain damage, dementia or post-traumatic stress disorder (PTSD). In addition, some other views also suggest that this effort can help people reach the supermarket.

Nigel Ackland



In 2006, Ackland had to remove his half arm under his elbow in an accident. RSL Steeper biotech company has separately equipped Ackland with one of its most advanced designs at the time - **bebionic3** .

Bebionic3's mechanism of action is based on artificial muscle contraction, identified by electromagnetic signals that gesture the movement of the arm skin.

After implantation, Acklan can perform 14 complex operations, including on a detailed scale such as fingers and hands. It can be said that Ackland's **electronic biological arm** is the future of prosthetic implantation.

Currently, Acklan is cooperating with RSL Steeper to provide the most appropriate feedback for upgrading and improving product quality.

Tim Cannon



In 2013, Cannon implanted a biometric chip called **Circadia** under his forearm skin to optimize the smallest aspects of life. It is tasked to collect movement data as well as heart rate to another Android device for evaluation and monitoring.

"If I had a stressful and bad day, Circadia would respond and handle it by connecting the data, then adjusting the space conditions properly such as turning on a light that is light, or prepared. Hot water at home so I can feel most comfortable, compensate for the negative emotions of the day. "

Jerry Jalava



After encountering an unfortunate motorbike accident in 2009 and the left-hand left-hand finger was crushed, this Finnish computer engineer replaced the part with a . **2GB USB** . Now, whenever there is a need, he just

needs to remove the cover and can use it as a convenient conventional storage device.

" People are often afraid when they first see it ," Jalava said in an interview with Diagonal View. " Certainly, it doesn't seem like a pure joke, so it took a while for them to become more comfortable and consider it a normal thing."

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