



Mind power for
assistive technologies

www.braincontrol.com



Microsoft Health
Innovation Awards



Le Scienze
EDIZIONE ITALIANA DI SCIENTIFIC AMERICAN

Health 2.0 

WIRED 

TEDxRoma

MILLIONS OF PEOPLE WITH SEVERE DISABILITIES

Degenerative
neuromuscular
diseases, ischemic
or traumatic injuries
causes paralysis
and communications
problems

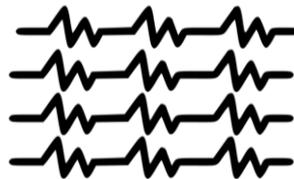
140 millions of people
with disabilities

20 ... with tetraplegia

3 ... in LIS/CLIS

BRAINCONTROL WORKS LIKE A MENTAL JOYSTICK

INPUT



PATTERNS
RECOGNITION



MACHINE LEARNING



ARTIFICIAL INTELLIGENCE



BRAIN-COMPUTER INTERFACE

OUR PROPRIETARY
SOFTWARE

CONTROL



COMMUNICATOR



DOMOTIC CONTROL



WHEELCHAIR



ROBOTICS

THANKS TO BRAINCOTROL MANY PATIENTS
IN LIS/CLIS ARE TODAY ABLE TO
INTERACT AND COMMUNICATE

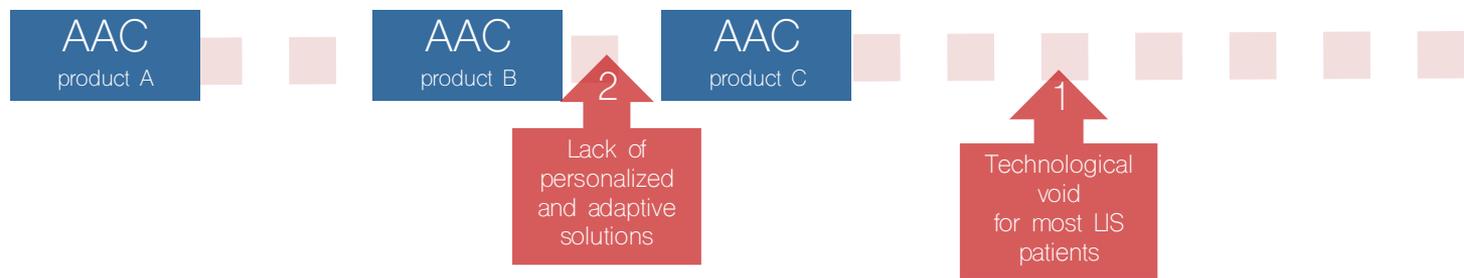


VIDEO: <https://bit.ly/2J1aOMf>

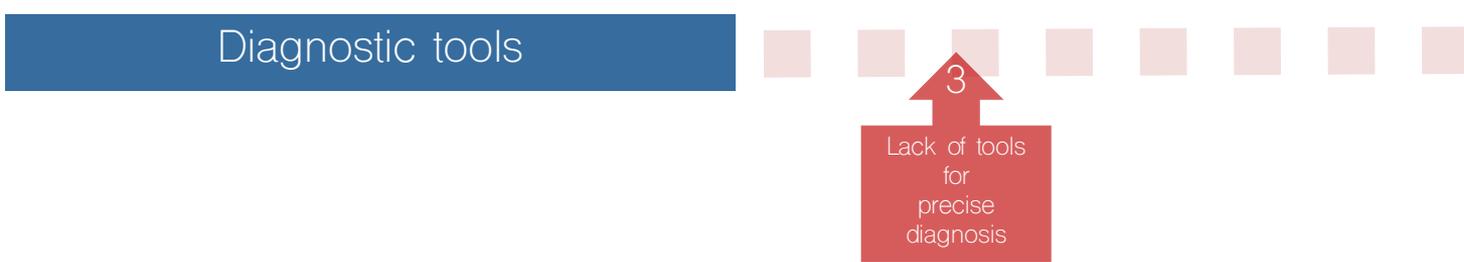
3 MAIN ISSUES



Augmentative
Alternative
Communication
Tools



Functional/Cognitive
Assesment
tools



SMART MULTIMODAL PLATFORM

OUR DISRUPTIVE INNOVATION

INNOVATIVE



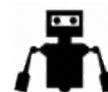
MODULAR



Augmentative
Alternative
Communication



Functional/Cognitive
Assessment



Robotics



Smart Multimodal
Platform for AAC



It fills a technological
void for LIS patients



Effective Cognitive/Functional
Assessment tool

CLINICAL VALIDATION



80

Healthy users

All trainings **successfully** completed

66

Patients with ALS

Early stage: 8 **succeeded**
Advanced stage: 21 **succeeded**
LIS: 22 **succeeded**
CLIS: 9 **succeeded**, 2 **failed**

12

Non-ALS patients

LIS: 9 **succeeded**
CLIS: 1 **succeeded**, 2 **failed**

✓ Together with these results we have obtained the CE mark. We are the first CE medical device on the market based on BCI technology

CE Class I medical device



PEOPLE SAYS "IMAGINATION IS THE LIMIT"
BUT FOR US IS THE STARTING POINT ...



VIDEO: <https://bit.ly/2Xm1T0D>



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Pasquale Fedele

CEO and Founder

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