Glifo

*The writing aid made through 3D printing.*

Glifo is a device that *caters to motor the movement of children with a complex neurological disorder* in order to achieve autonomy in writing and drawing.

Co-designed by makers, designers, kinesiology expert therapists and families of children with disabilities, is a **functional, low-cost, accessible, aesthetically pleasing** and therefore **inclusive** solution customised for the user.

Glifo is part of **UNICO**, a project by OpenDot and **TOG Foundation**.

* / **pathologies**: cerebral palsy or some genetic syndromes with hypertonia; / **clinical picture / pathological situation**: contraction of the upper limb in a position of internal rotation of the arm accompanied by wrist flexion, pathological elbow extension/flexion, and/or closure of fingers.
Glifo was first developed in 2014 during the “Digital Fabrication” academic course in NABA and the project went through an intense collaborative work between a design team, an équipe of rehabilitation experts and makers.

**Awards**
- 2017-2nd-place at the UP4SCHOOL Award, by Fondazione Agnelli
- 2016-Finalist with honorable mention at Make to Care-Contest by Sanofi Genzyme
- 2016-Winner of MyMiniFactory - Barclays Eagle Labs Contest

**Previous design** by OpenDot + TOG + Sara Monacchi, Andrea Pelino, Luca Toscano
New features:

+ Light
+ Easy to use
+ Strong
+ Affordable
+ Functionality

Glifo new design!
We want Glifo to be accessible to anyone who needs it, and to achieve this we want to create an online parametric tool which allows the user to customise its different features.

In fact we hope that such approach can be applied to other devices, like some of the UNICO - The other design objects.

What’s next?
Let’s make Glifo accessible to everyone!

Glifo’s parameters:
/ Finger number (width)
/ Finger size
/ Colour
/ Name
/ Tilt

Launch in Fall 2020
UNICO
*The Other Design*

Unico is a collection of *tailor made products* co-designed by OpenDot makers and designers, together with TOG’s therapists and children with a complex neurological disorder, and their families.

These products help both in the rehabilitation process and in improving the quality of life for children with disabilities.
Glifo’s founders

*OpenDot* & *TOG*

**OpenDot** is a Fab Lab, a research and open innovation hub located in Milano (Italy), founded in 2014 by *Dotdotdot*, a multidisciplinary design studio. One of OpenDot’s main scope of research and experimentation is the healthcare sector, and especially how to innovate it through technology. Co-design and digital fabrication allow us to develop quickly tailor made effective solutions, designed and made to meet real needs.

The **Together To Go Foundation** (TOG) is a non-profit organization founded in 2011. Based in Milan, it has set up a Centre of Excellence with a high level specialization in the rehabilitation of children suffering from complex neurological pathologies, in particular Child Cerebral Palsy and Genetic Syndromes with Mental Retardation.
Careables.org is the outcome of a project driven by the question: we are all different, than why care for everyone the same?

Careables are accessible, adjustable and shareable solutions designed thanks to digital technologies, such as 3D printers and laser cutters, for permanent or temporary disabilities.

The careables team consists of experienced partners with extensive networks in relevant fields, such as: digital fabrication, social innovation, healthcare institution and legal institution.
LET’S LEAVE A MARK!
Help us make it happen, support us on Kickstarter.

OpenDot
via Tertulliano 70
20137 – Milano
www.opendotlab.it
m. martina@opendotlab.it
t. 02 36519890
powered by Dotdotdot
www.dotdotdot.it