

glifo

Custom-made writing aid



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.**

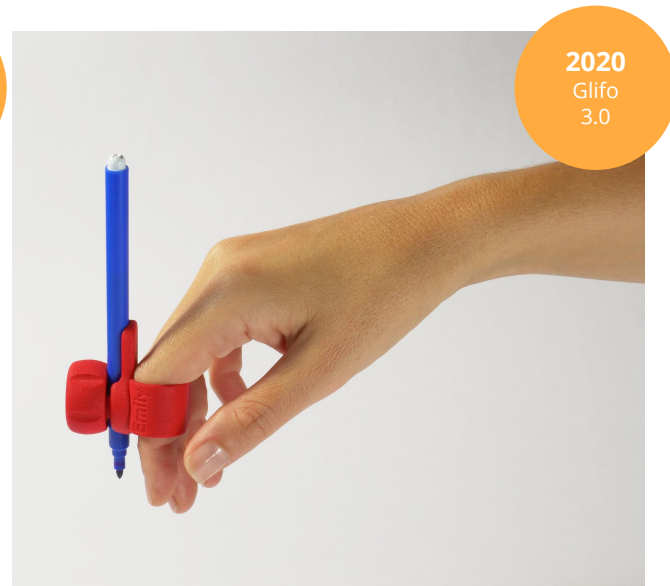
Glifo is part of **UNICO**, a project by OpenDot and **TOG Foundation**.

*
/ **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

The story / timeline



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

New features:

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



Glifo
new
design!

What's next?

Let's make Glifo accessible to everyone!

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 same of the **UNICO - The other design** objects.

**KICK
STARTER**

Launch in Fall 2020



Glifo's parameters:

- / Finger number (width)
- / Finger size
- / Colour
- / Name
- / Tilt

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.



unico
the other design

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.

Glifo's promoters

Careables.org

[Careables.org](https://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**.



GLOBAL
INNOVATION
GATHERING



TOGETHER
TO GO
GLOBAL

careables



COVID-19

ABOUT

DISCOVER CAREABLES

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NEWS & EVENTS

Participatory design for healthcare

Care-receivers, healthcare professionals and designers join forces to co-create careables: tailor-made open solutions that tackle permanent or temporary disability.

SEE HOW IT WORKS



A careable is an object that embodies the capacity to take care of someone.

To care means to be concerned and feel affection, being able expresses the possibility and capability of doing something. Caregivers and care-receivers team up with people who have technical and design skills to solve real needs.

EXPLORE ALL CAREABLES



LET'S LEAVE A MARK!

**Help us make it happen,
support us on Kickstarter.**



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