Magic Arms
- RedEye Rebrand -
Helping kids be kids
A practical solution for debilitating arm muscle weakness

NEWS/EVENTS
Why This Little Two-Year-Old Girl Loves 3D Printed Magic Arms
TJ McCue for Forbes - Aug 14, 2012
Helping Kids Be Kids
A practical solution for debilitation, arm-muscle weakness

For the millions of children with neuromuscular disorders, replacing everyday tasks in the arms and shoulders make everyday tasks nearly impossible. With Magic Arms, the impossible becomes possible.

Magic Arms is a gravity-balancing, musculoskeletal device that’s been proven to work on over 100 kids to date. Our goal now is to make this technology available to every child and needs it.

By giving kids arms that defy gravity, we can empower them to defy the conditions that keep them from doing what every kid wants to do. Simple things like feeding themselves, reaching their toys, putting on their socks, blowing bubbles and hugging the people they love.

With your support, meeting the needs of many kids and more families is within reach.

Extending our reach to create a bigger impact

Since the Magic Arms also transformed the lives of more than 100 families, the “proof of concept” phase has proven to work—and the medical community—now believes that Magic Arms has the potential to make a gravity-balancing device to the next level—made affordable, sustainable, and accessible for every child who needs it. To move it forward, we’ve outlined a two-part strategy.

Incremental growth

By adding hardware and human capital, we can incrementally extend our reach. This strategy depends on more than 30 partners to feed the device pipeline, more dedicated core engineers, more diagnostic trainers to fit children, more technicians to assemble individual parts, and more engineers to test devices. More funding will mean more resources.

Exponential growth

Our strategy for exponential growth involves a complete reengineering of the Magic Arms device with the goal of mass producing the device quickly and at a cost-effective price. This approach would also include the creation of a “kit,” which parents would use to get a customized model for their child. The kit would not only eliminate the cost of traveling to a care center and meeting with multiple specialists; it would also allow families to stay in-network, maximizing reimbursement. This strategy will take roughly two years and $5 million dollars, but the payoff will be exponentially greater.

150 children are on the waitlist
150 children now have Magic Arms
More than half million children could benefit from Magic Arms
A mission is born

The story begins with a brave girl who couldn’t lift her arms in elementary school. Emma had never been able to use her arms until now. With the help of a 3D printed plastic device that she called a "Magic Arm," Emma was able to do things that she never thought possible.

The groundbreaking invention of a wearable, 3D printed plastic device that Emma dubbed a "Magic Arm," has revolutionized the lives of people with disabilities.

Now the Magic Arm is available for anyone who needs a helping hand. Whether you’re dealing with a temporary disability or a chronic condition, the Magic Arm can make all the difference.

For the millions of children with neuromuscular disorders, obtaining weakness in the arms and shoulders is a daily struggle. With Magic Arms, the impossible becomes possible.

With your support, meeting the needs of more kids and more families is within reach. Donate today by visiting magicarms.org.

150 children are on the wait list

100 children now have Magic Arms

More than half a million children could benefit from Magic Arms

From our concept

Since its introduction in 2012, the gravity-balancing device has transformed the lives of more than 150 kids and their families. We know Magic Arms works and now we want to make it more accessible, affordable, and sustainable for every child who needs it.

Extend our reach

This strategy depends on more—more 3D printers to feed the device pipeline, more dedicated care teams, more clinicians trained to fit children, more engineers to customize individual parts, and more technicians to assemble devices.

Reengineer the device

A new design will enable the device to be mass produced quickly and cost effectively. Creating a "PB HP" would allow parents to get a customized model for their child. This initiative will take roughly two years and two million dollars, but the payoff will be exponentially greater.
Social Media Presence

Facebook: Helping kids be kids.

Magic Arms
Non-Profit Organization

610 likes

About Magic Arms

We are a nonprofit organization dedicated to providing a WDO device to every child who needs one.

October National Physical Therapy Month

150 children are on the waitlist

6/30 National Arthrogryposis Awareness Day

MAGIC ARMS
MAGIC ARMS

Every parent wants their child to reach their full potential—every kid just wants to play.
With your support, meeting the needs of more kids and more families is within reach.

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