

Magic Wheelz

How might we increase mobility, and the freedom to explore, for children with complex medical needs so that their care equipment does not restrict their development?

The Challenge

Children are naturally curious and want to explore. As they explore, they grow and develop. However, for children with complex medical needs, their natural desires to explore and play are limited by the cumbersome medical equipment they are connected to, which restricts their mobility.

Parents are required to lift and carry equipment, and it is usually placed on the ground or a fixed surface, which the child is then required to stay close to. This prevents the child from curiously exploring their surroundings as they are forced to stay close to the equipment.

Not only does this limit their childhood opportunities to play and enjoy the world around them, but it delays and impedes their development.

The Solution

“Magic Wheelz” seeks to bring curiosity and exploration back to childhood for these children, making it easier for children to work towards their developmental milestones with greater mobility, even while relying on medical equipment for daily functions.

Through use of a stable portable trolley, the equipment can be safely stored whilst allowing greater freedom of movement. The parent can push the trolley, whilst walking with the child to support their curious movements, or for children who are ready for it, the trolley can offer steady support for the child to hold onto whilst moving around.

With carefully designed covers, caregivers are reassured that the child’s delicate fingers are protected from harm, and storage of wires and cables inside the trolley reduces trip hazards. Extendable handles and a pole to hold feeding bags offer further comfort.

The Impact

Magic Wheelz aims to create a future for parents and caregivers which allows them to interact and engage with their child, encouraging and guiding its activities, rather than having to focus their attention on managing the awkward equipment. This creates an environment for the child to flourish and grow, rather than simply manage their conditions.

Vote!

Vote for us so that children who are already encumbered with complex care needs have one less difficulty in life, and are better able to develop with curiosity, freedom and joy.



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