

The patented magnetic adaptor system for a functional grip

A functional grip is essential to be able to manage your daily activities independently. The functional grip can be lost completely or partially, after neurological injuries, stroke, MS, tetraplegia or other disabilities. The result will be a lower quality of life and less independence.

Tactee is a new adapter system with magnets that provides new opportunities to create a functional grip. The system was developed by the engineer Daria Tirone and physiotherapist Federico Veneziano from Turin in Italy. Federico saw daily the need to restore the functional grip and to improve the quality of life for his patients in his rehabilitation clinic. Since there was no available functional system they decided together to develop one together with the Polytechnic University of Turin. That's how Tactee, the first magnetic adaptor system was born.



Strong attachment – with simple application of tools.

Tactee consists of a hand adapter with three strong magnets that are placed next to each other with flexible joints between. The linear position of the magnets provides a secure and strong attachment. The joints between provides a unique advantage when you want to remove the tools attached to the adapter. By angling the first magnet and at the same time fixate the tool it's easy to roll off the two other magnets from the tool. This makes it easy to teach the patient both to attach and to remove the tool.

The adapter has a flexible strap made from polyurethane that makes it both hygienic and easy to close the adapter using the mouth. To secure the adapter further there is a thumb strap that prevents the adapter from sliding off the hand once loaded. There is also a dorsal pad that can be applied on the adapter to prevent pressure for patients that has less soft tissue.



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HUMAN NEEDS, NOT SPECIAL ONES
Tactee® HELPS YOU IN A SIMPLE WAY

What is it

The Tactee® system is a set of assistive devices designed to restore autonomy and independence in daily activities of people with mono or bilateral functional grasping deficits that aims to improve their quality of life.

Nowadays people suffering from pathologies such as tetraplegia, hemiplegia post stroke, multiple sclerosis or all those morbid events involving a functional grasping deficiency require intensive care of various figures such as therapists, family members and/or caregivers to carry out their everyday activities.

The Tactee® system returns functional autonomy and independence in different daily activities such as eating, drinking, writing, etc.; eliminating the caregiver who's been considered indispensable so far.

This is possible thanks to a series of tools which are useful for performing various functions, coupled to a grip element that is worn to the hand, that allows hooking and unlocking and that can replace the various tools in an easy, fast and autonomous way.

The system, with 3 different grasping element sizes, includes special cutlery and adapters that make possible to use them with various common items such as pens, toothbrushes or razors and so on.

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SIZE	SMALL	MEDIUM	LARGE
cm	19 - 22	21 - 24	23 - 27
inches	7.5 - 8.66	8.30 - 9.40	9 - 10.60

The adapter is available in three sizes. The measurement is taken around the MCP-joints

- **TAC-AT-TT015** Magnetic adapter Small, Universal Left/Right, 19–22 cm
- **TAC-AT-TT01M** Magnetic adapter Medium, Universal Left/Right, 21–24 cm
- **TAC-AT-TT01L** Magnetic adapter Large, Universal Left/Right, 23–27 cm

Tactee is available in a complete kit that contains both the magnetic adapter, spoon, knife, fork, multi adapter and a set of extra padding

- **TAC-AT-KIT2SMALL** Complete Tactee Kit - Small
- **TAC-AT-KIT2MEDIUM** Complete Tactee Kit - Medium
- **TAC-AT-KIT2LARGE** Complete Tactee Kit - Large

The different available tools are:

- **TAC-AT-TT02** Fork
The angle can be adjusted by using a bending iron. Machine washable.
- **TAC-AT-TT03** Spoon
The angle can be adjusted by using a bending iron. Machine washable.
- **TAC-AT-TT04** Knife
Machine washable.
- **TAC-AT-TT05** Multi-Adapter
The multi adapter can be used for a toothbrush, razor, a pen or other items.
- **TAC-AT-TT06** Bottle Adapter
Has a Velcro strap attached which makes it easy to attach a bottle or a cup.
- **TAC-AT-TT07** Padding Set
A padding set for patients that are pressure sensitive.
- **TAC-B-CASE** Storage Case, Black

