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INDIVIDUAL CUSTOMISABLE POSITIONING SOLUTIONS FOR THE TRUNK

T.T.S. (The Trunk Total Support)

## POSTURE FOR PASSION FOR OVER 20 YEARS

### **REAL ANSWERS TO SPECIAL NEEDS**

Years of experience working together with users, clinicians, technicians and care givers to develop postural solutions answering to the most complex needs.





Our researches and works have been accepted in important congresses both in Italy and abroad stating our know-how.

# TTS (TRUNK TOTAL SUPPORT) A NEW APPROACH TO THE POSTURE OF THE TRUNK

#### CONCEPT:

Total Support of the Pelvis/Rachis/Rib Cage relationship system of Men/Women and Children

#### METHODOLOGY:

Balancing of the Pelvis/Rachis/Rib Cage relationship system and of the intervertebral loads, through the containment and lateral-posterior control of the trunk, starting from the pelvis and lumbar spine.

#### **TECHNOLOGY:**

Modular structure composed of a flat base of construction and independent pre-shaped inserts, assembled to fit every shape, size and morphology of the seated person.







#### **EASY LIKE A PUZZLE**

#### EMBRACING SHAPES always. Ability, function and posture are closely related.

A superior comfort and a perfect adaptation to pelvis and trunk, thanks to the innovative integrated positioning system "EMBRACING SHAPES". The posture of the trunk starts from the pelvis. From the P.T.S. (Pelvic Total Support) the natural evolution T.T.S. (Trunk Total Support). Lateral and posterior control of the trunk highly adjustable. The embracement of the body shapes, the support to trunk collapses and postural alignment are performed as the hands action. The orthotic principles find place in a range of backrests highly performing.

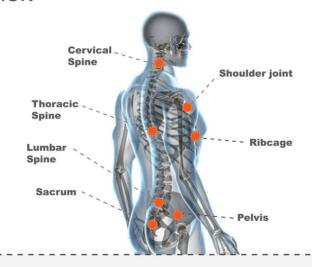
#### COMBINED POSTURAL ACTION





The deformities of the spine are several and combined. P.T.S. and T.T.S. together are the solution.





The technology EMBRACING SHAPES, by the result of a careful design of the inserts, exerts the pushing action and containment in harmony with the shape of the shells for a best fit to the user's needs. EMBRACING SHAPES: The positioning system for the trunk. It is built inside the kit of the cover to increase the adherence to the body shape and the stability in the support in each use.

## POSTURE FOR PASSION FOR OVER 20 YEARS

### A WORLD IN A BACKREST

# PERFECT WEREABILITY THAT FITS:

- man, woman, child rachis
- different and combined deformities
- various morphologies for the whole life cycle of use







EACH MODEL CONFIGURATION INCLUDES AS STANDARDS





PADDING



COVER

**MATERIALS** 

TESTED

FOR OVER 15

YEARS

STRUCTURE AND MATERIALS TO ALLOW ALIGNMENT,
POSTURAL CONTROL, LOADS DISTRIBUTION AND COMFORT

STRUCTURAL KIT for the individual postural configuration construction, set up and prepared on the user



Different densities combination of polyethylene foam

It absorbs the vibrations and provides a slow memory return to deformations. Extremely lightweight and easy to modify by cutter.

PADDING to ensure a perfect adherence to the structural kit, the body and movements



Flexible elastic expanded polyurethane foam that supports the movement Allows air circulation.



Anti-decubitus with low spring back action polyurethane foam\*
Helps in the distribution of pressures and matches the body shapes.



Self-modeling polymeric foam\*
Dampening low spring back
memory foam.



Reticulated polyurethane foam Allows Air Circulation.

note.\* Present on selected models

#### COVER



Microclimatic ventilated Facilitate the perspiration





Elastic Air Exchange



Transportation on vehicles Crash tested ISO 7176-19

note: Valid on selected models

For partially sighted users this document can be visualised in PDF format on the web site www.versainserto.com with the possibility to enlarge the text.



## INDIVIDUAL CUSTOMISABLE POSITIONING SOLUTIONS FOR THE TRUNK



- ✓ TRAUMATIC ORIGIN INJURIES AND NOT (EX. PARAPLEGIA, TETRAPLEGIA)
- ✓ DEGENERATIVE DESEASES (EX. MS)
- ✓ BRAIN INJURIES (EX. STROKE)



- ✓ TRAUMATIC ORIGIN INJURIES AND NOT (EX. PARAPLEGIA, TETRAPLEGIA)
- ✓ DEGENERATIVE DESEASES (EX. MS, ALS, PARKINSON'S DESEASE)
- ✓ BRAIN INJURIES (EX. STROKE, CP)
- ✓ GENETIC AND NEUROMUSCOLAR DESEASES (EX.LEUKODISTROPHIES)



✓ GENETIC AND NEUROMUSCOLAR DESEASES (EX. SPINA BIFIDA, SMA, MD, LEUKODISTROPHIES, MOTOR NEURON DESEASE)



CHILD ADULT ELDERLY



✓ TRAUMATIC BRAIN INJURIES AND NOT (EX. TETRAPLEGIA)
✓ GENETIC AND NEUROMUSCOLAR DESEASES (EX. SPINA BIFIDA, SMA,MD, LEUKODISTROPHIES, MOTOR NEURON DESEASE. RETT SYNDROME)

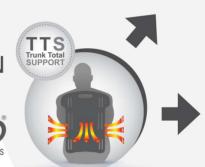
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- ✓ DEGENERATIVE DESEASES (EX. MS, ALS, PARKINSON'S DESEASE, ALZHEIMER)
- ✓ BRAIN INJURIES (EX. TBI, STROKE, CP)



- ✓ GENETIC AND NEUROMUSCOLAR DESEASES (EX. SMA, MD, LEUKODISTROPHIES, MOTOR NEURON DESEASE, RETT SYNDROME)
- ✓ DEGENERATIVE DESEASES (EX. MS, ALS)
- ✓ BRAIN INJURIES (EX. TBI, CP)











- ✓ GENETIC AND NEUROMUSCOLAR DESEASES (EX. SPINA BIFIDA, SMA, MD, LEUKODISTROPHIES, MOTOR NEURON DESEASE, RETT SYNDROME)
- ✓ DEGENERATIVE DESEASES (EX. MS, ALS)
- ✓ BRAIN INJURIES (EX. TBI, CP)

		FACILE BASIC	FACILE	CONCO	SUPPORTO	EFFECTO LATO	EFFECTO PLUS
MODEL							
USER	SELF PROPELLING ABILITY	YES	YES / NO	YES / NO	YES / NO	NO	NO
	RISK OF PREASSURE LOAD	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
DEFORMITIES	ALIGNMENT CAPACITY	/	AVERAGE / HIGH	AVERAGE / HIGH	AVERAGE / HIGH	HIGH	HIGH
	CONTAINMENT CAPACITY	LOW	AVERAGE / HIGH	HIGH	AVERAGE / HIGH	HIGH	HIGH
FEATURES	ACCESSORIES INTEGRATION	/	/	/	THORACIC SUPPORTS	THORACIC SUPPORTS	/
					HEADREST	HEADREST	HEADREST
					HARNESSES	HARNESSES	HARNESSES
	POSTURAL SUPPORT ADJUSTMENT	YES	YES	YES	NO	NO	NO
	CRASH TESTED ISO 7176-19	NO	NO	NO	YES	YES	YES



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