

## Pediatric Transport Products for Ground Ambulances [Version Date:07/26/2017]

(Sorted by Situational Category)

**Important Notice:** There are *no federal standards* in the United States for devices used to secure children in ambulances. Each manufacturer determines if/ how it will test. Prospective purchasers should contact the manufacturer for crash-test information.

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Situations	Manufacturer	Device Name	Product Weight	Child Size	Immobilization Capable	Installation Compatibility (Cot/Captains Chair)	Cleanability	Price	Comments
Child not sick/ not injured	<b>Situation 1 / For a child who is uninjured / not ill</b>								
	EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
	EVS	1800 Child/Attendant Seat	N/A	20-50 lb	No	Captains Chair	Wipe Clean	High	Install At Ambulance Construction
	Ferno	Neo Mate Restraint System	2.6 lb	7-14 lb	No	Cot	wipe clean	Low	Halo pad keeps infant's head stable
	Ferno	Pedi Mate Plus® Restraint System	3.5 lb	10-100 lb	No	Cot	Wipe Clean	Low	Must be used in Ferno Cots*
	Ferno	Pedi Mate® Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
	Ferno	Pedi Pal® Child Transport Seat	16 lb	10-40 lb	No	Cot/Captains Chair	Wipe Clean	High	
	Quantum EMS	ACR-4 Harness Device	5 lb	4-99 lb	No	Cot	Machine Wash	Medium	Easy Storage - compact
Serenity	Guardian™ Safety Seat	N/A	5-85 lb	No	Captains Chair	Wipe Clean	High	Install at ambulance construction	
Somewhat sick child	<b>Situation 2 / For a child who is ill and/or injured and whose condition does not require continuous and/or intensive medical monitoring and/or interventions</b>								
	EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
	EVS	1800 Child/Attendant Seat	N/A	20-50 lb	No	Captains Chair	Wipe Clean	High	Install at ambulance construction
	Ferno	Neo Mate Restraint System	2.6 lb	7-14 lb	No	Cot	Wipe Clean	Low	Halo pad keeps infant's head stable
	Ferno	Pedi Mate Plus® Restraint System	3.5 lb	10-100 lb	No	Cot	Wipe Clean	Low	Must be used in Ferno Cots*
	Ferno	Pedi Mate® Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
	Quantum EMS	ACR Harness Device	5 lb	4-99 lb	No	Cot	Machine Wash	Medium	Easy Storage - compact
	Serenity	Guardian™ Safety Seat	N/A	5-85 lb	No	Captains Chair	Wipe Clean	High	Install at ambulance construction
SICK Child	<b>Situation 3 / For a child whose condition requires continuous and/or intensive medical monitoring and/or interventions</b>								
	Ferno	Pedi Mate® Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
	Ferno	Neo Mate Restraint System	2.6 lb	7-14 lb	No	Cot	Wipe Clean	Low	Halo pad keeps infant's head stable
	Quantum EMS	ACR Harness Device	5 lb	4-99 lb	No	Cot	Machine Wash	Medium	Easy Storage - compact
	Ferno	Pedi Mate Plus® Restraint System	3.5 lb	10-100 lb	No	Cot	Wipe Clean	Low	Must be used in Ferno Cots*
	EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
Spinal immobilization needed	<b>Situation 4 / For a child whose condition requires spinal immobilization and/or lying flat</b>								
	Allied Healthcare	LSP Pediatric Immobilizer	6 lb	20-65 lb	Yes	Cot		Medium	Immobilization Focus
	Ferno	MEDkids Baby Board®	5.6 lb	2-15 lb	Yes	Cot	Wipe Clean/Hand Wash Some Parts	Low	Can be used in Incubator Transport
	Ferno	MEDkids Pedi-Sleeve®	3lb	12-60 lb	Yes	Cot	Wipe Clean/Hand Wash Some Parts	Low	Requires Backboard
	Ferno	Pedi-Pac® Spine Immobilizer	7 lb	20-90 lb	Yes	Cot	Machine Washable	Medium	Immobilization Focus
	Hartwell	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization
	Iron Duck	Pedi-Air-Align® Board	8 lb	10-20 lb	Yes	Cot	Wipe Clean	Medium	Immobilization Focus
	MDI	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization

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Situations	Manufacturer	Device Name	Product Weight	Child Size	Immobilization Capable	Installation Compatibility (Cot/Captains Chair)	Cleanability	Price	Comments
Multiple patients	<b>Situation 5 / For a child requiring transport as part of a multiple patient transport (newborn with Mother, multiple children, etc.)</b>								
	EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
	EVS	1800 Child/Attendant Seat	N/A	20-50 lb	No	Captains Chair	Wipe Clean	High	Install At Ambulance Construction
	Ferno	Pedi Mate® Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
	Serenity	Guardian™ Safety Seat	N/A	5-85 lb	No	Captains Chair	Wipe Clean	High	Install at Ambulance Construction
Specialized care	<b>For a Child requiring specialized care such as intensive Care/ interfacility transfer</b>								
	Ferno Aviation	Baby PodII® Infant Transport System with FAA kit	20 lb	2-17.5 lb	no	Cot	Wipe Clean	High	Specialized Care - Incubator
	First Line Technology	Baby Pod® Infant Transport System	20 lb	2-20 lb	No	Cot	Wipe Clean	High	Specialized Care - Incubator
	Intl. Biomedical	Pedi Porter	250 lb	10-60 lb	No	N/A	Wipe Clean	High	Specialized Care - Intensive Care
Other alternatives not marketed to EMS ground ambulances. Check with manufacturer and your protocols or see: <a href="https://www.nasemso.org/Committees/STC/documents/NHTSA-Safe-Transportation-of-Children-in-Ambulances-2012.pdf">https://www.nasemso.org/Committees/STC/documents/NHTSA-Safe-Transportation-of-Children-in-Ambulances-2012.pdf</a>									
	Dorel Juvenile	Dreamride Infant Car Bed	6.8 lb	5-20 lb	no	Cot	Machine wash pad	Low	Infants who must lie flat can be restrained in a car bed modified for two seat belt paths and secured to a cot. Must buy second set of belt straps.
		Convertible Car Seats	varies	varies	no	Cot/Captains chair	consult manuals	Low	Children who weigh up to 18 kg, fit in a convertible child restraint, and can tolerate a semi-upright seated position can be restrained in a convertible child restraint secured with two belts to an ambulance cot. <b>Note:</b> Not all manufacturers allow use of their product in ambulances.

**DEFINITIONS:**

Manufacturer's Suggested List Price: Low - Under \$400, Medium - \$400-\$800, High - Greater Than \$800

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<i>Manufacturer</i>	<i>Device Name</i>	<i>Product Weight</i>	<i>Child Size</i>	<i>Immobilization Capable</i>	<i>Installation Compatibility (Cot/Captains Chair)</i>	<i>Cleanability</i>	<i>Price</i>	<i>Comments</i>
Allied Healthcare	LSP Pediatric Immobilizer	6 lb	20-65 lb	Yes	Cot		Medium	Immobilization Focus
Dorel Juvenile	Dreamride Infant Car Bed	6.8 lb	5-20 lb	no	Cot	Mashine washable pad	Low	Must buy second set of belt straps
EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
EVS	1800 Child/Attendant Seat	N/A	20-50 lb	No	Captains Chair	Wipe Clean	High	Install at ambulance construction
Ferno	MEDkids Baby Board *	5.6 lb	2-15 lb	Yes	Cot	wipe clean/ hand wash sq	Low	Can be used in Incubator Transport
Ferno	MEDkids Pedi-Sleeve *	3lb	12-60 lb	Yes	Cot	wipe clean/ hand wash sq	Low	Requires Backboard
Ferno	Neo Mate Restraint System	2.6 lb	7-14 lb	No	Cot	wipe clean	Low	Halo pad keeps infant's head stable
Ferno	Pedi Mate Plus * Restraint System	3.5 lb	10-100 lb	No	Cot	Wipe Clean	Low	Must be used in Ferno Cots*
Ferno	Pedi Mate * Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
Ferno	Pedi-Pac * Spine Immobilizer	7 lb	20-90 lb	Yes	Cot	Machine Washable	Medium	Immobilization Focus
Ferno	Pedi Pal * Child Transport Seat	16 lb	10-40 lb	No	Cot/Captains Chair	Wipe Clean	High	
Ferno Aviation	Baby PodII * Infant Transport System with FAA kit	20 lb	2-17.5 lb	no	Cot	Wipe Clean	High	Specialized Care - Incubator
First Line Technology	Baby Pod * Infant Transport System	20 lb	2-20 lb	No	Cot	Wipe Clean	High	Specialized Care - Incubator
Hartwell	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization
Intl. Biomedical	Pedi Porter	250 lb	10-60 lb	No	N/A	Wipe Clean	High	Specialized Care - Intensive Care
Iron Duck	Pedi-Air-Align * Board	8 lb	10-20 lb	Yes	Cot	Wipe Clean	Medium	Immobilization Focus
MDI	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization
Quantum EMS	ACR-4 Harness Device	5 lb	4-99 lb	No	Cot	Machine Wash	Medium	Easy Storage - compact
Serenity	Guardian™ Safety Seat	N/A	5-85 lb	No	Captains Chair	Wipe Clean	High	Install at ambulance construction

**DEFINITIONS:**

**Manufacturer's Suggested List Price: Low - Under \$400, Medium - \$400-\$800, High - Greater Than \$800**

## Pediatric Transport Products for Ground Ambulances [Version Date: 07/26/2017]

(Sorted by Weight of Child)

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Manufacturer	Device Name	Product Weight	Child Size	Immobilization Capable	Installation Compatibility (Cot/Captains Chair)	Cleanability	Price	Comments
Ferno	MEDkids Baby Board ®	5.6 lb	2-15 lb	Yes	Cot	wipe clean/ hand wash	Low	Incubator Transporter Use
Ferno Aviation	Baby PodII ® Infant Transport System with	20 lb	2-17.5 lb	no	Cot	Wipe Clean	High	Specialized Care - Incubator
First Line Technology	Baby Pod ® Infant Transport System	20 lb	2-20 lb	No	Cot	Wipe Clean	High	Specialized Care - Incubator
Quantum EMS	ACR-4 Harness Device	5 lb	4-99 lb	No	Cot	Machine Wash	Medium	Easy Storage - compact
Serenity	Guardian™ Safety Seat	N/A	5-85 lb	No	Captains Chair	Wipe Clean	High	Install at Ambulance Construction
Dorel Juvenile	Dreamride Infant Car Bed	6.8 lb	5-20 lb	no	Cot	Machine washable pad	Low	Must buy second set of belt straps.
Ferno	Neo Mate Restraint System	2.6 lb	7-14 lb	No	Cot	wipe clean	Low	halo pad keeps infant's head stable
Iron Duck	Pedi-Air-Align ® Board	8 lb	10-20 lb	Yes	Cot	Wipe Clean	Medium	Immobilization Focus
Ferno	Pedi Mate ® Restraint System	2.4 lb	10-40 lb	No	Cot	Wipe Clean	Low	Very Flexible Use; must be used in Ferno Cots*
Ferno	Pedi Pal ® Child Transport Seat	16 lb	10-40 lb	No	Cot/Captains Chair	Wipe Clean	High	
Hartwell	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization
Intl. Biomedical	Pedi Porter	250 lb	10-60 lb	No	N/A	Wipe Clean	High	Specialized Care - Intensive Care
MDI	Pediatric Vacuum Mattress	8 lb	10-60 lb	Yes	Cot	Wipe Clean	Medium	Also Functions as Extremity Immobilization
Ferno	Pedi Mate Plus ® Restraint System	3.5 lb	10-100 lb	No	Cot	Wipe Clean	Low	must be used in Ferno Cots*
Ferno	MEDkids Pedi-Sleeve ®	3 lb	12-60 lb	Yes	Cot	wipe clean/ hand wash	Low	Requires Backboard
EP&R, Inc.	Rescue-Air™ Filled Transport Seat	18 lb	20-40 lb	No	Cot/Captains Chair	Wipe Clean	Medium	Not For Infants
EVS	1800 Child/Attendant Seat	N/A	20-50 lb	No	Captains Chair	Wipe Clean	High	Install At Ambulance Construction
Allied Healthcare	LSP Pediatric Immobilizer	6 lb	20-65 lb	Yes	Cot		Medium	Immobilization Focus
Ferno	Pedi-Pac ® Spine Immobilizer	7 lb	20-90 lb	Yes	Cot	Machine Washable	Medium	Immobilization Focus

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## Devices in Circulation/Not Available for Purchase [Version Date:07/26/2017]

**Important Notice:** Transport devices in this section may be in circulation but are **not presently available for purchase**. All seats should be used in accordance with manufacturer guidelines and should not be used beyond their expiration date. Seats involved in a crash or acquired without adequate history should not be used.

	<i>Manufacturer</i>	<i>Device Name</i>	<i>Product Weight</i>	<i>Child Size</i>	<i>Immobilization Capable</i>	<i>Installation Compatibility (Cot/Captains Chair)</i>	<i>Cleanability</i>	<i>Price</i>	<i>Comments</i>
	IMMI	Safe Guard Transport™	22 lb	22-100 lb	No	Cot	Wipe Clean	N/A	In circulation but not available for purchase. Product should only be used if arrived in new and unopened package. Do NOT use past expiration date.