

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019 Section #: 6	TOPIC TITLE: Pedi-Mate® PLUS	Total # of Pages: 6 Topic #: 13

TOPIC #13: Pedi-Mate® PLUS



Description

- The Pedi-Mate PLUS is designed to secure infants and toddlers from **10 to 100lbs (4.5 to 45.4 kg)** on an EMS Cot.
- The Pedi-Mate® PLUS is NOT designed as an immobilization device and should NOT be used to immobilize the patient, or as part of an immobilization system.
- Always use the patient harness.
- Use the Pedi-Mate® PLUS only when all elements are in good working order.
- Use the Pedi-Mate® PLUS only with the approved cot models
- Never use the Pedi-Mate® PLUS in a captain's chair or front seat of an ambulance.
- **IMPORTANT: If the Pedi-Mate® PLUS is in use at the time of a vehicular accident, remove the Pedi-Mate® PLUS from service and replace it.**

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019	TOPIC TITLE:	Total # of Pages: 6
Section #: 6	Pedi-Mate® PLUS	Topic #: 13

Positioning the Pedi-Mate® PLUS

1. Remove any restraints attached to the cot.
2. Raise the cot backrest and lock in place at an angle between 15 and 45 degrees. This will keep the patient's shoulders higher than the pelvis and maintain the proper center of gravity.
3. Unroll the Pedi-Mate® PLUS and spread it flat on the cot mattress with all straps extended.
4. Center the blanket left to right on the mattress.
5. Position the blanket so that the base of the blanket, where patient will be seated, is at the joint of the cot. The black backrest strap will be in the area where you expect the patient's shoulders to rest.
6. Run the ends of the backrest strap around the cot backrest until they meet in the back, then fasten the buckle. Leave some slack in the strap for final adjustment.
7. Position the grey and black floating strap system at the point where the patient's chest is expected to rest.
8. Run the ends of the grey and black floating strap system around the cot backrest until they meet on the side, then fasten the buckle. Leave some slack in the strap for final adjustment

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019 Section #: 6	TOPIC TITLE: Pedi-Mate® PLUS	Total # of Pages: 6 Topic #: 13

Securing the Pedi-Mate® PLUS

1. Place the patient on the Pedi-Mate® PLUS. If the black backrest strap is not at the patient's shoulder level, adjust the blanket position.
2. With the blanket properly positioned, tighten the backrest strap by pulling very firmly on the free end of the strap until the mattress is compressed.
3. Fasten a main frame strap by threading the tang end downward between the cot main frame and the mattress next to the head end sidearm casting.
4. Wrap the strap around the cot main frame and fasten the buckle. Leave a little slack in the strap for fine adjustment.
5. Repeat with the other main-frame strap.
6. Tighten each main frame strap by holding onto the buckle with one hand and pulling firmly on the free end of the strap.



Note: *To loosen a main-frame strap, unfasten it, then grasp the tag, and pull outward. Refasten the buckle.*

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019 Section #: 6	TOPIC TITLE: Pedi-Mate® PLUS	Total # of Pages: 6 Topic #: 13

Securing the Patient

10 to 100 lbs 4.5 to 45.4 kg Weight Range

1. Pull the crotch strap buckle up between the patient's legs and lay the strap on the patient's abdomen.
2. Wrap the black chest strap of the grey and black floating strap system around the patient's chest and fasten under the shoulder straps. Snug the chest strap by pulling the free end, leaving enough slack to permit normal breathing.
3. Lift a shoulder strap over one shoulder of the patient. Place patient's arm through the strap, then lock the buckle half into the central buckle.
4. Repeat with the other shoulder strap.
5. Thread the shoulder strap on the patient's left side through the chest clip and slide the chest clip up to rest on top of the black chest strap.

WARNING

Secure and snug all straps. Unsecured or loose straps may allow movement and result in injury or death of the patient.

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019	TOPIC TITLE: Pedi-Mate® PLUS	Total # of Pages: 6
Section #: 6		Topic #: 13

Tightening the Harness Straps

1. To tighten the shoulder/torso straps,
2. Snug the shoulder strap against the shoulder and chest by pulling of the strap with one hand while steadyng the central buckle with the other hand.
3. Repeat with the other shoulder strap.
4. Snug the torso strap by pulling on the strap with one hand while steadyng the central buckle with the other hand.
5. Repeat with the other torso strap.
6. Snug the crotch strap by pulling on the free end.



Releasing the Patient from the Pedi-Mate® PLUS Harness

1. Loosen the crotch strap.
2. Slide the chest clip down toward the central buckle and unthread the shoulder strap on the patient's left side from the clip.
3. Press the red release button in the central buckle and pull the buckle slightly downward to release the shoulder straps from the buckle.
4. Loosen the shoulder straps and slide them away from the patient's body.
5. Loosen and unclip the black floating chest strap.
6. Lift the patient from the Pedi-Mate® PLUS according to local protocols.

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #6 EMS Equipment
Date: February 2019 Section #: 6	TOPIC TITLE: Pedi-Mate® PLUS	Total # of Pages: 6 Topic #: 13

Storing the Pedi-Mate® PLUS

1. Detach the Pedi-Mate® PLUS from the cot and spread it flat on the cot mattress.
2. Attach the shoulder straps to the central buckle and adjust all straps to lie smoothly against the blanket.
3. Fold the backrest straps across the blanket.
4. Fold the crotch panel up toward the center of the blanket.
5. Fold the cot main-frame straps and the lower blanket panels across the center of the Pedi-Mate® PLUS.
6. Beginning at the crotch panel, roll the Pedi-Mate® PLUS upward. Secure the roll with the hook-and-loop straps.

Disinfecting the Pedi-Mate® PLUS

Wipe or spray disinfectant on all Pedi-Mate® PLUS and surfaces and straps. Follow the disinfectant manufacturer's directions for application and contact time.

Cleaning the Pedi-Mate® PLUS

Hand wash the Pedi-Mate® PLUS blanket and straps with warm, soapy water and a clean cloth or soft brush. Rinse with clear water. Dry the blanket with a towel and allow the straps to air dry.
Do not immerse the buckles in water.

Important

Disinfectants and cleaners containing bleach, phenolics, or iodines can damage the Pedi-Mate® PLUS. Do not use products containing these chemicals.