

Pedia - Poser Chair User's Manual



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About the Pedia-Poser Chair

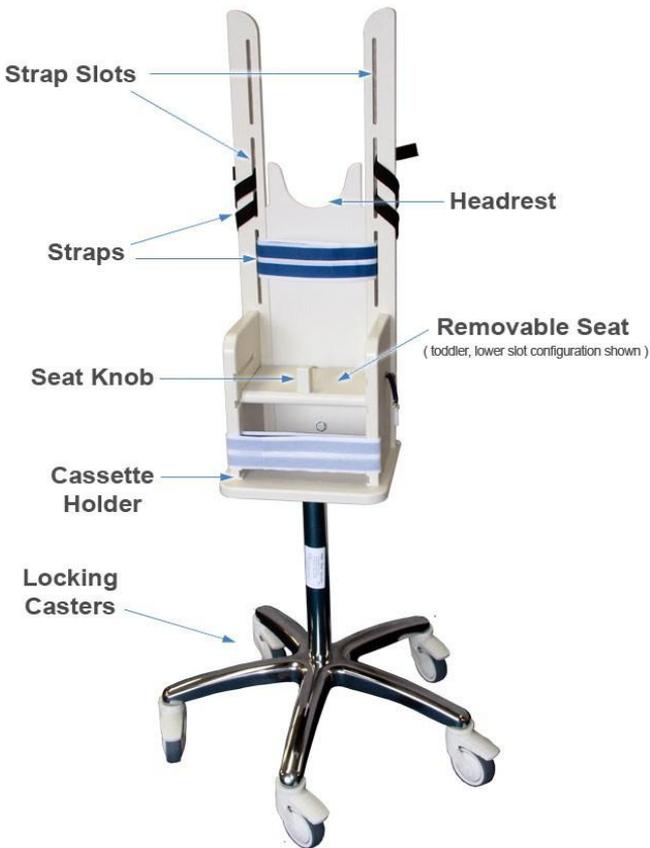
The Pedia-Poser Chair, by Clear Image Devices, facilitates the taking of x-rays of young children quickly, accurately, and safely.

Some of the features and advantages of using the Pedia-Poser Chair are:

- Patient immobilization is done gently but securely.
- The patient is secured only once: the chair rotates, positioning for different views.
- Keeps patient as close to the film as possible to ensure high quality images.
- Cassette holder included, or may be used with upright bucky.
- Adjustable back and head-tilt support fits patients of all sizes.
- Critical chair components are x-ray lucent for excellent x-ray contrast.
- Made of germ-resistant, easy-to-clean nonporous polyethylene.
- High-quality lockable casters provide mobility and stability.
- Simple, reliable, and virtually indestructible.

Chair Construction

The main parts of the Pedia-Poser Chair are indicated in the following illustration. The use of each part will be described in the Using the Pedia-Poser Chair section of this guide.



The Pedia-Poser Chair has two seating configurations: one for infants and another for toddlers. A form-fitting "saddle" seat is used for infants, while a "bench" seat is used for toddlers. Both seats feature a saddle horn knob that aids in positioning and supports a protective genital lead shield.

Seating Configurations

The seats slide easily in and out of the two slots, as shown here:



Although the final seating choice rests with the technician, the toddler configuration can generally be used for a child of exceeding 1-1/2 years whose head can fit comfortably into the headrest while still allowing the chin to be slightly elevated. The lower seat slot will be used for taller children, typically 3 years and older.

Available X-Ray Positions

The Pedia-Poser can be used for the following types of x-rays and views:

	A-P (Anterior-Posterior)	Lateral	Oblique
C-Spine	X	X	X
Chest	X	X	
Abdominal	X		
Airway	X	X	

Using the Pedia-Poser Chair

Before taking x-rays, there are two preparatory series of steps:

- Preparing the chair.
- Preparing the patient.

Preparing the Chair

1. Lock the seat in place (either infant or toddler configuration) using the pin as shown in the picture at the right:



2. Store the unused seat in the storage slot at the base of the chair:



3. To lock the casters in place, use the foot levers as shown here:



Use with Bucky

1. Position the chair next to the bucky.
2. Place film in the bucky, adjusting the position of the film.
3. Lock the casters in place using the foot levers.



Using the Cassette Holder

1. Choose AP or Lateral position
2. Choose cassette height

Preparing the Patient

1. Place the patient on the seat.
2. Hold the patient's head securely and attach the Velcro belly strap:



NOTE: The back of the chair contains Velcro strips allowing you to quickly secure all straps.

3. Position the headrest by turning the knob and moving the chair back up or down. The back of the patient's head should rest comfortably within the padded crescent, while also allowing them to lift their chin up. Turn the knob again to lock the chair back in place:



- 4. Secure the chin strap using the Velcro strips on the back of the chair:



- 5. For C-Spine and Magnified Airway images, position the arms in the down position and secure the elbow straps just above the joint:



For Chest and Abdominal images, position the arms in the up position. Secure the first strap below the elbow and then secure the wrist strap.



NOTE: For Abdominal images, the seat knob may be removed during imaging (see step #8).

6. For toddlers, place feet behind the anti-kick strap (optional):



7. Attach the seat knob:



NOTE: For Abdominal images, the seat knob may be removed during imaging (see step #6).

8. Position the genital shield:



At this point, you are ready to take the x-ray(s). You can rotate the chair around its central axis to quickly reposition it as needed between takes.

With the patient in place, you may take all of the necessary views without any repositioning. This allows for a convenient, fast, and more accurate procedure with minimal impact on the patient.



Maintenance of the Pedia-Poser Chair

The Pedia-Poser Chair by CID is made of scratch-resistant polyethylene polymer with a radiolucent chair back.

To clean the chair, simply use a damp cloth. To disinfect, use a standard hospital disinfectant.

All straps are washable and may be put in the hospital laundry.



Clear Image Devices' series of patient positioning and equipment protection devices is the result of innovative research, engineering and design. We work closely with hospital and clinical radiology technicians to develop products that increase lab productivity, prevent expensive equipment damage, improve patient satisfaction and enable accurate imaging results. Our focus is on creating high-quality products that enhance medical care and promote the continued advancement of medical imaging.

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