

Radiology Spine Chair

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- The Spine Chair was developed to assist pediatric patients that were unable to stand for their spine images.
- The back section of the chair is constructed using radiolucent materials, which allows a clear view of the spine.
- The chair allows the patient to be easily transitioned between the AP and the Lateral spine views without repositioning the patient.
- The overall procedure is easier, faster, and more comfortable for the patient and family, creating a more positive experience.
- The Pedi Spine Chair can be used with the EOS imaging device, giving those patients that are unable to stand access to low dose spine images.
- Sizes:

| | |
|----------------------|----------------------|
| Standard | Pedi |
| 55”H x 22”W x 17.5”D | 53”H x 17”W x 16.5”D |
- Chairs are for indoor use only, on level surface, for patients weighing up to 250lbs.

Spine Chair Assembly Instructions

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Remove from shipping carton and inspect for damage

Tools necessary for assembly:

- Phillips Screw Driver
- Mallet with non-marking face



To install back frame to seat, place pipe over grey reinforcing tube and insert into opening. Align arrows and push down until seated and pre-drilled holes align. Soft hits from mallet may be necessary.



Secure back frame to seat by:

1. Place screw into clear cap socket
2. Insert screw into pre-drilled hole
3. Using screw driver, tighten until snug
4. Push cover cap onto cap back socket
5. Repeat on the other side



To secure plastic to frame, wrap loop strap to hook sections on the back of the plastic tucking ends in.

Attach back cushion to plastic back by aligning hook and loop.

Using clips, attach lap strap to chair.

Attach chest strap to chair using the non-vinyl straps to wrap around chair and secure.

Spine Chair Use

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Place Spine Chair against a firm surface to prevent chair from moving backward during the transfer of the patient. Apply wheel locks.

Open chest and lap straps.

Holding chair to stabilize it, transfer patient. Make sure they are seated against the back of the chair. Using hook and loop closures, comfortably secure the chest and lap straps.

Secure patients feet on footrest with leg straps if needed. If not required, leave footrest folded back below seat. Do not have patient stand on footrest.

Release locks on wheels before moving.

Do not leave patient unattended in chair.



Cleaning

Vinyl and frame can be wiped down with disinfectant wipes.

Straps can be removed and hand washed and air dried as needed. Allow to air dry completely before reapplication.

Inspect chair for wear/damage before using.

Pedi Spine Chair Use with EOS Imaging Device

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A ramp may be needed to roll Pedi Spine Chair into the EOS machine.

Remove platform and step from EOS.

Follow spine use instructions for transferring and seating the patient in chair.



Evaluate patient and if arm support is needed, attach arm support strap to back frame just below shoulder by pulling strap end between frame and plastic back (Pic 1). Secure by attaching hook end to strap (Pic 2).

Using double sided hook, position and attach forearm wrap. Use hook to secure wrap. Repeat on opposite arm.



Once the patient is secure in the chair, bring chair/patient over to the ramp.

Have the patient facing you with arms inside the chair.

Holding the sides of the seat, move chair up the ramp all the way to the back wall of the EOS machine.

Bring down the stabilization bar to level the patient's eyes.

Have patient hold onto the bar or place strap end over the stabilization bar and secure to strap.



After exam, move stabilizer bar out of the way.

Turn chair towards you and bring chair/patient down ramp, having patient's arms close to their body.