



ADVANCE PHYSICAL THERAPY

CERTIFIED POSTURAL RESTORATION CENTER

77 South Elliott Road, Chapel Hill, NC 27514 phone 919.932.7266 fax 919.932.7250

X-RAY the Smart Way

A parent's guide to minimizing radiation exposure for children who require scoliosis monitoring.

- Ask the physician to measure the deviations with a scoliometer before referring to x-ray.
- Demand lead or metal shields on breast and reproductive organs.
- Make sure the patient's back is toward the x-ray beam.
- Ask the Radiology Technician to use a filter (sometimes called a wedge).
- Have the patient stand at least 6 feet from the machine.
- Ask the radiology department to use narrow beam machine.
- Ask the radiology department to use fast conventional or rare-earth films.
(This is because you don't need highest resolution to calculate Cobb angles.)

Please request the following images:

1. Coronal view (taken from the back)
2. Sagittal view (taken from the side)

NOTE: Each image above should be of the full spine, *from the occiput to the hip joints*

You are your child's BEST advocate!

Courtesy of Scoliosis Rehab, Inc.

www.scoliosisrehab.com

WHAT IS EOS?

EOS is a medical imaging system whose aim is to provide frontal and lateral radiography pictures, while limiting the X-ray dose absorbed by the patient in vertical pose.

"EOS delivers a radiation dose that is two to three times less than a general computed radiography X-ray and 20 times less than basic computed tomography (CT) scans. Reducing radiation dose is particularly beneficial for children who need to be imaged frequently, such as children with spinal deformities like scoliosis."

<http://www.chop.edu/news/chop-now-offers-low-dose-eos-spine-imaging>

Will my Insurance pay for EOS?

We suggest you call your insurance company to verify if imaging is covered as **IN-NETWORK** or **OUT-OF-NETWORK** for your specific insurance plan.

Dawn Rasumussen, EOS Technician, has advised that EOS imaging is billed using the same CPT codes as traditional imaging. If you have any questions regarding your specific coverage for EOS imaging, please contact your insurance company. You will ask for coverage benefits for imaging at Duke Hospital. Be sure to ask if facility fees are covered.

LOCATIONS for EOS IMAGING:

DUKE – Located at Lenox Baker Children’s Hospital

Address: 3000 Erwin Rd, Durham, NC 27705

Phone: **919.684.7999**

Hours: Monday – Friday, 8:00am and last appointment begins at 3:00pm

How do I schedule appointment for Xrays?

Ordering Provider is at DUKE:

1. If you have a Duke provider and the order for imaging has been submitted, call the Imaging Scheduling Department at 919.684.7999 to schedule an appointment for EOS imaging at Lenox Baker Children’s Hospital.

Ordering Provider is outside DUKE:

1. Have your provider’s office call 919.684.7999 to obtain a referral slip.
2. Once your provider has submitted the order for imaging, the patient should call 919.684.7999 to schedule an appointment for imaging.
3. Sign a Release of Information at Advance Physical Therapy if you would like to have a copy of the images and imaging report be sent to Advance Physical Therapy.

HEY CLINIC – RALEIGH

3320 Wake Forest Rd #450, Raleigh, NC 27609 Phone: 919.790.1717

NATIONAL SCOLIOSIS CENTER Dr. Luke Stikeleather – FAIRFAX, VA

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