

So Long Shields!

Discontinuation of **Patient** Shielding for X-ray-Based Imaging Exams



To provide the highest quality diagnostic exams at the lowest health risk, we will **no longer** place lead shields over your child during their X-ray exam.

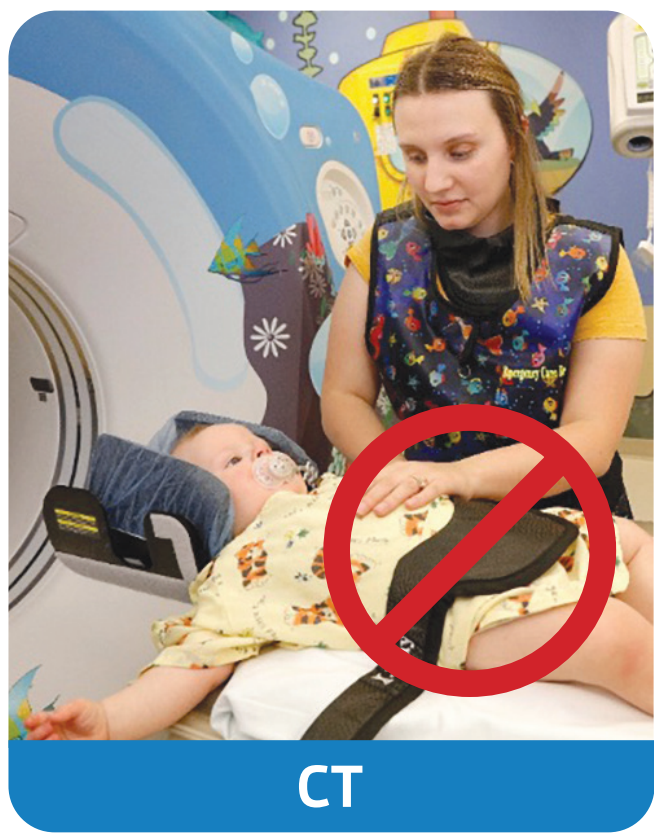
Why are we discontinuing patient shields?

Many years of research have shown that the levels of radiation used in X-ray exams are so low that the risk of harm is very small or zero. These studies conclude that patient shields provide no added benefit to patient safety.

Studies have also shown that shielding patients carries the risk of using more radiation than not using shielding and could cover a body part that the doctor needs to see.



X-ray



CT



Fluoroscopy



For more information and FAQs on patient shields please visit: luriechildrens.org/patientshielding

Patient Shielding Benefit vs. Risk



GONADAL

Benefit:

- No added benefit in reducing risk to gonads
- Approximately zero risk of hereditary effects

Risk:

- Increase of radiation
- Hides anatomy



THYROID

Benefit:

- No added benefit
- Approximately zero risk of thyroid cancer

Risk:

- Increase of radiation
- Hides anatomy



BREAST

Benefit:

- Reduces risk of radiation-induced breast cancer
- Same risk reduction in posterior-anterior (PA) projection.

Risk:

- Increase of radiation
- Hides anatomy



OUT-OF-FIELD

Benefit:

- No added benefit
- Most scatter originates from inside the body

Risk:

- Increase of radiation
- Hides anatomy