

Michigan Medicine Will No Longer Be Using Shields for Patients During Diagnostic X-Ray Imaging

(Including Radiography, CT, Fluoroscopy, and Mammography)

This change is based on the recommendations of:



AMERICAN ASSOCIATION
of PHYSICISTS IN MEDICINE



National Council on Radiation
Protection and Measurements

Why Are We Not Using Shields During X-Rays?

Shields Can Block Important Anatomy

Shields block x-rays. This means that anything covered by the shield can't be seen on your x-ray images. This can lead to a missed diagnosis.



X-ray of patient wearing a shield



X-ray of the same patient without a shield - important diagnosis blocked by shield

Source: "Gonad shielding in paediatric pelvic radiography: disadvantages prevail over benefit" *Insights Imaging* (2012).

Shields Aren't Necessary for Patient Safety



Scientists have found that fetuses and reproductive organs are much less sensitive to radiation than they thought before.



Today's imaging equipment uses much less radiation than when shields were first recommended.

Questions?

Ask your technologist or scan the QR code for more information

