

## Overuse of Imaging

### Measure 5: Policy for ALARA Specific to Imaging Children

#### Description

The percentage of facilities with a policy for “as low as reasonably achievable” (ALARA), specific to the imaging of children. A higher proportion indicates better performance as reflected by use of minimal radiation when imaging.

#### Calculation

This measure requires survey data and is calculated as follows:

The percentage of eligible facilities with a policy for “as low as reasonably achievable” (ALARA), specific to the imaging of children (numerator divided by denominator).

#### Definitions

<b>Facility</b>	Any facility that performs imaging on children (hospitals, free standing facilities, etc.).
<b>ALARA</b>	“As low as reasonably achievable” amount of radiation exposure for a given imaging study for a patient based on age and size.
<b>Children</b>	Newborn to 18 years old.
<b>Imaging</b>	CT scan of any part of the body.

#### Eligible Population

Facilities with CT scanners that image children

#### Specification

<b>Denominator</b>	The number of facilities that perform imaging of children.
<b>Numerator</b>	The number of facilities that perform imaging of children with a policy for ALARA specific to the imaging of children.

#### Exclusions

- Facilities that do not image children who are younger than 18 years old.