

## OP-11: THORAX CT USE OF CONTRAST MATERIAL

### Description of Measure

This measure calculates the percentage of thorax studies that are performed with and without contrast out of all thorax studies performed (those with contrast, those without contrast, and those with both). The measure is calculated based on a one year window of claims data.

### Numerator Statement

The number of thorax CT studies with and without contrast (“*combined studies*”).

### Denominator Statement

The number of thorax CT studies performed (with contrast, without contrast or both with and without contrast).

### Numerator Code

#### CPT code

71270 Thorax CT with and without Contrast

### Denominator Codes

#### CPT codes

71250 Thorax Without Contrast  
71260 Thorax CT with Contrast  
71270 Thorax CT with and Without Contrast

### Denominator Exclusion Codes

Indications for measure exclusion include any patients with the following diagnosis codes:

- Internal Injury of Chest, Abdomen, and Pelvis  
ICD-9 codes: 860–869
- Injury to Blood Vessels  
ICD-9 codes: 901–902
- Crushing Injury  
ICD-9 codes: 926, 929

**Technical Note:** An exclusion diagnosis must be in one of the diagnoses fields on the CT thorax claim. If the diagnosis code is a three-digit ICD-9 code, then all codes starting with the three digits are used in the measure calculation, that is, “all inclusive.” If the diagnosis code is specified as a four-digit ICD-9 code, then only the specific four-digit diagnosis code is used. If

*the diagnosis code is a five-digit code, the code used is either the specific five-digit diagnosis code if all five numeric digits are shown, or if the fifth digit is designated with an “x” then this is designating an “all inclusive” range to the fifth digit.*

## OP-11: THORAX CT USE OF CONTRAST MATERIAL ICD-10 DRAFT SPECIFICATIONS

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### Numerator Statement

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#### CPT code

71270 Thorax CT with and without Contrast

### Denominator Codes

#### CPT codes

71250 Thorax Without Contrast  
71260 Thorax CT with Contrast  
71270 Thorax CT with and Without Contrast

### Denominator Exclusion Codes

Indications for measure exclusion include any patients with the following diagnosis codes:

#### Injuries to the thorax

S21.301\*-S21.459\*, S25.00X\*-S27.9XX\*

#### Injuries to the abdomen, lower back, lumbar spine, pelvis and external genitals

S31.001\*, S31.011\*, S31.021\*, S31.031\*, S31.041\*, S31.051\*, S31.600\*-S31.659\*,  
S35.00X\*- S38.1XX\*

#### Crushing injury of unspecified hip with thigh

S77.20X\*

**Technical Note:** An exclusion diagnosis must be in one of the diagnoses fields on the CT thorax claim. Please note that an asterisk (\*) represents a wildcard for that digit.

**Technical Note:** *The draft specifications included in this document represent a crosswalk of the ICD-9 specifications to ICD-10 specifications based on both a forward and backward crosswalk of the General Equivalence Mapping (GEM) file. The contractor made additional modifications to the ICD-10 specifications as a result of public comment and review by contractor clinicians and ICD-10 subject matter experts. Additional refinement of the ICD-10 specifications may occur as data comes available for testing.*

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