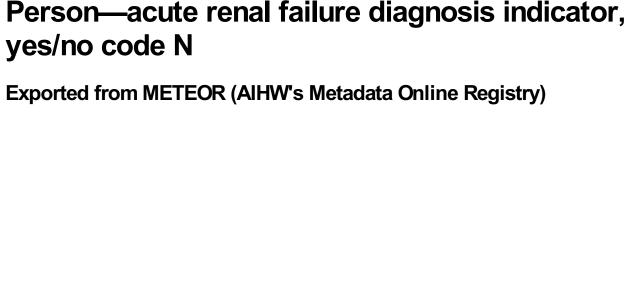
# Person—acute renal failure diagnosis indicator,



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## Person—acute renal failure diagnosis indicator, yes/no code N

## Identifying and definitional attributes

Metadata item type: Data Element

**Short name:** Acute renal failure indicator

Synonymous names: ARF

METEOR identifier: 319166

**Registration status:** Health!, Recorded 14/07/2006

**Definition:** An indicator of whether a person has <u>acute renal failure</u>, as represented by a

code.

Data Element Concept: Person—acute renal failure diagnosis indicator

Value Domain: Yes/no code N

#### Value domain attributes

## Representational attributes

Representation class: Code

Data type: Boolean

Format: N

Maximum character length: 1

Value Meaning

Permissible values: 1 Yes

2 No

#### Data element attributes

## Collection and usage attributes

Guide for use: CODE 1 Yes

Record if acute renal failure is present when the 24 hour urine output is <410 ml, creatinine is ≥133 µmol/L and the person is not receiving chronic dialysis.

CODE 2 No

Record if acute renal failure is absent.

#### Source and reference attributes

**Submitting organisation:** ANZICS Database Management Committee

Reference documents: Knaus WA, Draper EA, Wagner DP, Zimmerman JE. APACHE II: a severity of

disease classification system. Crit Care Med 1985;13:818-828.

Knaus WA, Draper EA, Bergner M, Murphy DJ, Harrell FE. The APACHE III Prognostic System: Risk Prediction of Hospital Mortality for Critically III

Hospitalized adults. Chest 1991;100:1619-1636

### Relational attributes

Implementation in Data Set Intensive care DSS Specifications:

Health!, Recorded 14/07/2006

DSS specific information:

Required for the calculation of intensive care specific prognostic model severity of illness scores.

Use in the calculation of APACHE II, APACHE III and SAPS II scores.

APACHE II

For the APACHE II score calculation, the score for the highest scoring creatinine value is doubled if acute renal failure is present.

APACHE III

For the APACHE III score calculation, the score assigned for the creatinine value is 10 if acute renal failure is present and creatinine value is greater than or equal to 133 µmol/L.