



## PQI #16 Rate of Lower-extremity Amputation among Patients with Diabetes

### Numerator

All non-maternal discharges of age 18 years and older with ICD-9-CM procedure code for lower-extremity amputation in any field and diagnosis code of diabetes in any field.

*ICD-9-CM Lower-extremity Amputation procedure codes:*

|      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| 8410 | LOWER LIMB AMPUTAT NOS   | 8415 | BELOW KNEE AMPUTAT NEC  |
| 8411 | TOE AMPUTATION           | 8416 | DISARTICULATION OF KNEE |
| 8412 | AMPUTATION THROUGH FOOT  | 8417 | ABOVE KNEE AMPUTATION   |
| 8413 | DISARTICULATION OF ANKLE | 8418 | DISARTICULATION OF HIP  |
| 8414 | AMPUTAT THROUGH MALLEOLI | 8419 | HINDQUARTER AMPUTATION  |

*ICD-9-CM Diabetes diagnosis codes:*

|       |                         |       |                        |
|-------|-------------------------|-------|------------------------|
| 25000 | DMII WO CMP NT ST UNCNR | 25050 | DMII OPHTH NT ST UNCNR |
| 25001 | DMI WO CMP NT ST UNCNR  | 25051 | DMI OPHTH NT ST UNCNR  |
| 25002 | DMII WO CMP UNCNR       | 25052 | DMII OPHTH UNCNR       |
| 25003 | DMI WO CMP UNCNR        | 25053 | DMI OPHTH UNCNR        |
| 25010 | DMII KETO NT ST UNCNR   | 25060 | DMII NEURO NT ST UNCNR |
| 25011 | DMI KETO NT ST UNCNR    | 25061 | DMI NEURO NT ST UNCNR  |
| 25012 | DMII KETOACD UNCONTR    | 25062 | DMII NEURO UNCNR       |
| 25013 | DMI KETOACD UNCONTR     | 25063 | DMI NEURO UNCNR        |
| 25020 | DMII HPRSM NT ST UNCNR  | 25070 | DMII CIRC NT ST UNCNR  |
| 25021 | DMI HPRSM NT ST UNCNR   | 25071 | DMI CIRC NT ST UNCNR   |
| 25022 | DMII HPROSMR UNCONTR    | 25072 | DMII CIRC UNCNR        |
| 25023 | DMI HPROSMR UNCONTR     | 25073 | DMI CIRC UNCNR         |
| 25030 | DMII O CM NT ST UNCNR   | 25080 | DMII OTH NT ST UNCNR   |
| 25031 | DMI O CM NT ST UNCNR    | 25081 | DMI OTH NT ST UNCNR    |
| 25032 | DMII OTH COMA UNCONTR   | 25082 | DMII OTH UNCNR         |
| 25033 | DMI OTH COMA UNCONTR    | 25083 | DMI OTH UNCNR          |
| 25040 | DMII RENL NT ST UNCNR   | 25090 | DMII UNSPF NT ST UNCNR |
| 25041 | DMI RENL NT ST UNCNR    | 25091 | DMI UNSPF NT ST UNCNR  |
| 25042 | DMII RENAL UNCNR        | 25092 | DMII UNSPF UNCNR       |
| 25043 | DMI RENAL UNCNR         | 25093 | DMI UNSPF UNCNR        |

Exclude cases:

- transfer from a hospital (different facility)
- transfer from a skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
- transfer from another health care facility
- MDC 14 (pregnancy, childbirth, and puerperium)
- with any diagnosis of trauma

*ICD-9-CM Trauma diagnosis codes:*

|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| 8950 | AMPUTATION TOE           | 8971 | AMPUTAT BK, UNILAT-COMPL |
| 8951 | AMPUTATION TOE-COMPLICAT | 8972 | AMPUT ABOVE KNEE, UNILAT |
| 8960 | AMPUTATION FOOT, UNILAT  | 8973 | AMPUT ABV KN, UNIL-COMPL |
| 8961 | AMPUT FOOT, UNILAT-COMPL | 8974 | AMPUTAT LEG, UNILAT NOS  |
| 8962 | AMPUTATION FOOT, BILAT   | 8975 | AMPUT LEG, UNIL NOS-COMP |
| 8963 | AMPUTAT FOOT, BILAT-COMP | 8976 | AMPUTATION LEG, BILAT    |
| 8970 | AMPUT BELOW KNEE, UNILAT | 8977 | AMPUTAT LEG, BILAT-COMPL |

## Denominator

Population in Metro Area or county, age 18 years and older.