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# Lower limb amputation due to vascular disease

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**Important note: This is an archived metadata standard from the AIHW Knowledgebase. For current metadata standards and related information please access METeOR, the AIHW's Metadata Online Registry at <http://meteor.aihw.gov.au>**

## *Identifying and Definitional Attributes*

Data Dictionary: NHDD  
Knowledgebase ID: 000830                      Version number: 1  
Metadata type: DATA ELEMENT  
Registration Authority: NHIMG                      Admin status: SUPERSEDED  
   Effective date: 01-MAR-05  
Definition: Amputation of toe, forefoot or leg [above or below knee], due to vascular disease.  
Context: Public health, health care and clinical settings.

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## *Relational and Representational Attributes*

Datatype: Numeric  
Representational form: CODE  
Representation layout: N  
Minimum Size: 1  
Maximum Size: 1  
Data Domain: 1                      Lower limb amputation - occurred in the last 12 months  
   2                      Lower limb amputation - occurred prior to the last 12 months  
   3                      Lower limb amputation - occurred both in and prior to the last 12 months  
   4                      No history of lower limb amputation due to vascular disease  
   9                      Not stated/ inadequately described  
Collection Methods: Ask the individual if he/she has had an amputated toe or forefoot or leg [above or below knee], not due to trauma or causes other than vascular disease. If so determine when it was undertaken; within or prior to the last 12 months [or both].

Alternatively obtain this information from appropriate

documentation.

Related metadata: relates to the data element Foot deformity version 1  
relates to the data element Foot lesion - active version 1  
relates to the data element Foot ulcer - current version 1  
relates to the data element Foot ulcer - history version 1  
relates to the data element Peripheral neuropathy - status version 1  
relates to the data element Peripheral vascular disease in feet -  
status version 1  
relates to the data element Health professionals attended - diabetes  
mellitus version 1

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### *Administrative Attributes*

Source Document: National Diabetes Outcomes Quality Review Initiative  
(NDOQRIN) data dictionary.

Source Organisation: National Diabetes Data Working Group

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Comments: In people with diabetes, amputations are 15 times more common than in people without diabetes, and 50% of all amputations occur in people with diabetes (The Lower Limb in People With Diabetes; 1997/98 Australian Diabetes Society).

Diabetic foot disease is the most common cause of hospitalisation in people with diabetes. Diabetic foot complications are common in the elderly, and amputation rates increase with age: by threefold in those aged 45 - 74 years and sevenfold in population aged over 75 years.

As stated by Duffy and authors the rate of lower extremity amputations can be reduced by 50% by the institution of monofilament testing in a preventive care program.

References:

Duffy MD, John C and Patout MD, Charles A. 1990. Management of the Insensitive Foot in Diabetes: Lessons from Hansen's Disease. *Military Medicine*, 155:575-579.

Edmonds M, Boulton A, Buckenham T et al. Report of the Diabetic Foot and Amputation Group. *Diabet Med* 1996; 13: S27-42.

Sharon R O'Rourke and Stephen Colagiuri: The Lower Limb in People With Diabetes; Content 1997/98 Australian Diabetes Society.

Colagiuri S, Colagiuri R, Ward J. National Diabetes Strategy and

