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MeSH MeSH diabetes Search Limits Adv Help

MeSH MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

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MeSH MeSH diabetes Search

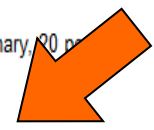
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Diabetes Mellitus

1. A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

Diabetes Insipidus

2. A disease that is characterized by frequent urination, excretion of large amounts of dilute URINE, and excessive THIRST. Etiologies of diabetes insipidus include deficiency of antidiuretic hormone (also known as ADH or VASOPRESSIN) secreted by the NEUROHYPOPHYSIS, impaired KIDNEY response to ADH, and impaired hypothalamic regulation of thirst.

Diabetes Mellitus, Type 2

3. A subclass of DIABETES MELLITUS that is not INSULIN-responsive or dependent (NIDDM). It is characterized initially by INSULIN RESISTANCE and HYPERINSULINEMIA; and eventually by GLUCOSE INTOLERANCE; HYPERGLYCEMIA; and overt diabetes. Type II diabetes mellitus is no longer considered a disease exclusively found in adults. Patients seldom develop KETOSIS but often exhibit OBESITY. Year introduced: 2005 (1984)

Diabetes Mellitus, Type 1

4. A subtype of DIABETES MELLITUS that is characterized by INSULIN deficiency. It is manifested by the sudden onset of severe HYPERGLYCEMIA, rapid progression to DIABETIC KETOACIDOSIS, and DEATH unless treated with insulin. The disease may occur at any age, but is most common in childhood or adolescence. Year introduced: 2005 (1984)

Diabetes Insipidus, Nephrogenic

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"diabetes mellitus"[MeSH Terms] OR "diabetes insipidus"[MeSH Terms] OR diabetes[Text Word]

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Diabetes Complications



Conditions or pathological processes associated with the disease of **diabetes mellitus**. Due to the impaired control of BLOOD GLUCOSE level in diabetic patients, pathological processes develop in numerous tissues and organs including the EYE, the KIDNEY, the BLOOD VESSELS, and the NERVE TISSUE.

Year introduced: 2005

PubMed search builder options

[Subheadings:](#)

- blood
- cerebrospinal fluid
- chemically induced
- classification
- complications
- diagnosis
- diet therapy
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- physiopathology
- prevention and control
- psychology
- radiography
- radionuclide imaging
- radiotherapy
- rehabilitation
- surgery
- therapy
- ultrasonography
- urine
- veterinary
- virology



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Diabetes Complications

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Year introduced: 2005

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MeSH

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| <input type="checkbox"/> blood | <input type="checkbox"/> ethnology | <input type="checkbox"/> prevention and control |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> etiology | <input type="checkbox"/> psychology |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> genetics | <input type="checkbox"/> radiography |
| <input type="checkbox"/> classification | <input type="checkbox"/> history | <input type="checkbox"/> radionuclide imaging |
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• **Diabetes Mellitus Complications**

Previous Indexing:

- [Diabetes Mellitus/complications \(1965-2004\)](#)

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[Diabetes Mellitus](#)

Diabetes Complications

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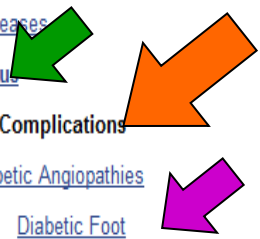
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[Diabetic Nephropathies](#)

[Diabetic Neuropathies](#)

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Diabetes Complications

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Year introduced: 2005

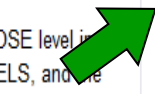
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MeSH MeSH primary health Search

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Year introduced: 2005

PubMed search builder options

Subheadings:

- checkbox blood, cerebrospinal fluid, chemically induced, classification, complications, diagnosis, diet therapy, drug therapy, economics, embryology, enzymology, epidemiology, ethnology, etiology, genetics, history, immunology, metabolism, microbiology, mortality, nursing, parasitology, pathology, physiopathology, prevention and control, psychology, radiography, radionuclide imaging, radiotherapy, rehabilitation, surgery, therapy, ultrasonography, urine, veterinary, virology

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primary health

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- Care which provides integrated, accessible **health** care services by clinicians who are accountable for addressing a large majority of personal **health** care needs, developing a sustained partnership with patients, and practicing in the context of family and community. (JAMA 1995;273(3):192)
Year introduced: 1974(1972)

 [Preventive Health Services](#)

- Services designed for **HEALTH PROMOTION** and prevention of disease.
Year introduced: 1968

 [Health Transition](#)

- Demographic and epidemiologic changes that have occurred in the last five decades in many developing countries and that are characterized by major growth in the number and proportion of middle-aged and elderly persons and in the frequency of the diseases that occur in these age groups. The **health** transition is the result of efforts to improve maternal and child **health** via **primary** care and outreach services and such efforts have been responsible for a decrease in the birth rate; reduced maternal mortality; improved preventive services; reduced infant mortality, and the increased life expectancy that defines the transition. (From Ann Intern Med 1992 Mar 15;116(6):499-504)
Year introduced: 1997

 [State Health Planning and Development Agencies](#)

- Agencies established under PL93-641 to coordinate, conduct, and implement state **health** planning activities. Two **primary** responsibilities are the preparation of an annual State **Health** Plan and giving assistance to the Statewide **Health** Coordinating

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primary[All Fields] AND
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Preventive Health Services

Services designed for HEALTH PROMOTION and prevention of disease.

Year introduced: 1968

PubMed search builder options

[Subheadings:](#)

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| <input type="checkbox"/> education | <input type="checkbox"/> methods | <input type="checkbox"/> trends |
| <input type="checkbox"/> ethics | <input type="checkbox"/> organization and administration | <input type="checkbox"/> utilization |
| <input type="checkbox"/> history | <input type="checkbox"/> standards | |

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Entry Terms:

- Services, Preventive **Health**
- **Health** Services, Preventive
- **Health** Service, Preventive
- Preventive **Health** Service
- Service, Preventive **Health**

Previous Indexing:

- [specific disease/PC \(1966-1967\)](#)

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"Diabetes Complications" [Mesh]

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Previous Indexing:

- [specific disease/PC \(1966-1967\)](#)

See Also:

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- [Immunization](#)
- [Preventive Dentistry](#)
- [Preventive Medicine](#)
- [Preventive Psychiatry](#)
- [Primary Prevention](#)

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[Health Care Category](#)

[Health Care Facilities, Manpower, and Services](#)

[Health Services](#)

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Preventive Health Services

[Diagnostic Services](#)

[Genetic Testing](#)

[Mass Screening +](#)

[Mobile Health Units](#)

[Early Intervention \(Education\)](#)

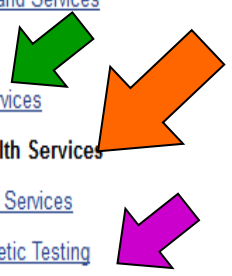
[Early Medical Intervention](#)

[Health Education](#)

[Consumer Health Information +](#)

[Health Education, Dental](#)

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primary health (4)

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Diabetes Complications

MeSH

diabetes (40)

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Preventive Health Services

Services designed for HEALTH PROMOTION and prevention of disease.

Year introduced: 1968

PubMed search builder options

Subheadings:

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Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hierarchy.

Entry Terms:

- Services, Preventive Health
- Health Services, Preventive
- Health Service, Preventive
- Preventive Health Service
- Service, Preventive Health

Previous Indexing:

- [specific disease/PC \(1966-1967\)](#)

PubMed search builder

("Diabetes Complications" [Mesh]) AND "Preventive Health Services" [Mesh]



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Preventive Health Services

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Year introduced: 1968

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- **Health** Service, Preventive
- Preventive **Health** Service
- Service, Preventive **Health**

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[Mesh]) AND "Preventive Health
Services" [Mesh]
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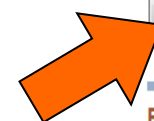
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- English

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[Rates of stroke and kidney failure in diabetes patients are at record high](#)

1. Wise J.
 BMJ. 2012 Mar 23;344:e2296. doi: 10.1136/bmj.e2296. No abstract available.
 PMID: 22446933 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Facilitating self-management of diabetes through education: the North Carolina case.](#)

2. Rinker J, Edwards LE, Widener D.
 N C Med J. 2011 Sep-Oct;72(5):387-9.
 PMID: 22416518 [PubMed - indexed for MEDLINE]
[Related citations](#)

[The state of diabetes in North Carolina.](#)

3. Konen J, Page J.
 N C Med J. 2011 Sep-Oct;72(5):373-8. Review.
 PMID: 22416514 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Policy forum: Confronting the diabetes epidemic.](#)

4. Ricketts TC 3rd.
 N C Med J. 2011 Sep-Oct;72(5):372. No abstract available.
 PMID: 22416513 [PubMed - indexed for MEDLINE]
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- Incidence of diabetic retinopathy in people with type 2 diabetes mellitus attending the [BMJ. 2012]
- Receipt of diabetes preventive care among safety net patients associ [J Am Board Fam Med. 2012]
- Assessment of automated disease detection in diabetic retinopathy screening [PLoS One. 2011]

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N C Med J. 2011 Sep-Oct;72(5):387-9.

Facilitating self-management of diabetes through education: the North Carolina case.

Rinker J, Edwards LE, Widener D.

Division of Public Health, North Carolina Department of Health and Human Services, Raleigh, North Carolina, USA. joanne.rinker@dhhs.nc.gov

Abstract

Self-management education is such a critical part of diabetes care that medical treatment without it is considered inadequate. This article discusses the North Carolina Diabetes Education Recognition Program and calls for expansion of this program through local health departments.

PMID: 22416518 [PubMed - indexed for MEDLINE]

MeSH Terms

MeSH Terms

[Diabetes Complications/prevention & control](#)

[Diabetes Mellitus/therapy*](#)

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[N C Med J. 2011]

[Physician standards of diabetes care. Results from the North Carolina Diabetes](#)

[N C Med J. 1994]

[Public health case studies in diabetes prevention and control: innovation, partner](#)

[N C Med J. 2011]

[Review](#) [Waging battle against the epidemic. Improving diabetes care in Nort](#)

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BMJ. 2012 Feb 22;344:e874. doi: 10.1136/bmj.e874.

Incidence of diabetic retinopathy in people with type 2 diabetes mellitus attending the Diabetic Retinopathy Screening Service for Wales: retrospective analysis.

Thomas RL, Dunstan F, Luzzio SD, Roy Chowdhury S, Hale SL, North RV, Gibbins RL, Owens DR.

Diabetes Research Unit, Centre for Endocrine and Diabetes Sciences, University Hospital of Wales, Cardiff CF14 4XW, UK.

Abstract

OBJECTIVES: To determine the incidence of any and referable diabetic retinopathy in people with type 2 diabetes mellitus attending an annual screening service for retinopathy and whose first screening episode indicated no evidence of retinopathy.

DESIGN: Retrospective four year analysis.

SETTING: Screenings at the community based Diabetic Retinopathy Screening Service for Wales, United Kingdom.

PARTICIPANTS: 57,199 people with type 2 diabetes mellitus, who were diagnosed at age 30 years or older and who had no evidence of diabetic retinopathy at their first screening event between 2005 and 2009. 49,763 (87%) had at least one further screening event within the study period and were included in the analysis.

MAIN OUTCOME MEASURES: Annual incidence and cumulative incidence after four years of any and referable diabetic retinopathy. Relations between available putative risk factors and the onset and progression of retinopathy.

RESULTS: Cumulative incidence of any and referable retinopathy at four years was 360.27 and 11.64 per 1000 people, respectively. From the first to fourth year, the annual incidence of any retinopathy fell from 124.94 to 66.59 per 1000 people, compared with referable retinopathy, which increased slightly from 2.02 to 3.54 per 1000 people. Incidence of referable retinopathy was independently associated with known duration of diabetes, age at diagnosis, and use of insulin treatment. For participants needing insulin treatment with a duration of diabetes of 10 years or more, cumulative incidence of referable retinopathy at one and four years was 9.61 and 30.99 per 1000 people, respectively.

CONCLUSIONS: Our analysis supports the extension of the screening interval for people with type 2 diabetes mellitus beyond the currently recommended 12 months, with the possible exception of those with diabetes duration of 10 years or more and on insulin treatment.



Related citations in PubMed

- Incidence of and risk factors for diabetic retinopathy in Isfah; [Ophthalmic Epidemiol. 2003]
- Five-year incidence and progression of diabetic retinopathy in a defined older p [Eye (Lond). 2007]
- Four years incidence of diabetic retinopathy and effective factors on its pi [Eur J Ophthalmol. 2008]
- Review Epidemiology of proliferative diabetic retinopathy. [Diabetes Care. 1992]
- Review The value of digital imaging in diabetic retinopathy. [Health Technol Assess. 2003]

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BMJ. 2012 Feb 22;344:e874. doi: 10.1136/bmj.e874.

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Five-year incidence and progression of diabetic retinopathy in a defined older p [Eye (Lond). 2007]

Four years incidence of diabetic retinopathy and effective factors on its pi [Eur J Ophthalmol. 2008]

Review Epidemiology of proliferative diabetic retinopathy. [Diabetes Care. 1992]

Review The value of digital imaging in diabetic retinopathy. [Health Technol Assess. 2003]

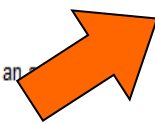
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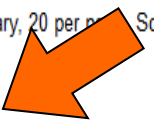
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