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[Oral glucose tolerance test in children and adolescents ...](#)

<https://pubmed.ncbi.nlm.nih.gov/15469531>

If abnormal, the OGTT was repeated. Results: The mean (SD) age was 14.2 (1.6) years, BMI 38.8 (7.0) kg/m² and BMI-SDS 3.6 (0.6). Fourteen patients had fasting insulin levels >21 mU/L. Type 2 diabetes mellitus was diagnosed in one patient, impaired glucose tolerance (IGT) in four patients and impaired fasting glycaemia (IFG) in one patient.

[\(PDF\) Oral Glucose Tolerance Test \(OGTT\)](#)

<https://www.researchgate.net/publication/344099623...>

The oral glucose tolerance test was performed in mice treated with 2 mg/kg glucose solution and the blood glucose level was determined after 15, 30, 60, 90 and 120 min of administration.

[Oral glucose tolerance test in children and adolescents ...](#)

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1440-1754.2004.00487.x>

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Cited by: 10

Author: LS Conwell, JA Batch

Publish Year: 2004

[The Oral Glucose Tolerance Test \(OGTT\) Explained | Roman](#)

<https://www.getroman.com/health-guide/oral-glucose-tolerance-test-ogtt> ▾

Aug 07, 2019 · Vitals "Glucose tolerance" refers to how well your body processes glucose (sugar) after being given a measured dose orally. An advantage of the Oral Glucose Tolerance Test or OGTT is that it is usually a more sensitive test than the fasting plasma glucose test and the hemoglobin A1C test (UpToDate, 2019). The test can also be adjusted depending on whether it is being used to screen for ...

[What is the role of an oral glucose tolerance test in the ...](#)

<https://www.medscape.com/answers/919999-120985/...> ▾

Jun 03, 2020 · Obtain a fasting blood sugar level, then administer an oral glucose load (2 g/kg for children aged < 3 y, 1.75 g/kg for children aged 3-10 y [max 50 g], or 75 g for children aged >10 y).

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<https://pubmed.ncbi.nlm.nih.gov/15469531>

Objectives: To describe the glycaemic status (assessed by an oral glucose tolerance test (OGTT)) and associated comorbidities in a cohort of Australian children and adolescents at risk of insulin resistance and impaired glucose homeostasis (IGH). Methods: Twenty-one children and adolescents (three male, 18 female) (18 Caucasian, one Indigenous, two Asian) (20 obese, one ...

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Cited by: 10 Author: LS Conwell, JA Batch

Publish Year: 2004

[\[PDF\] OGTT: Trutol Admistration](#)

[https://wwwn.cdc.gov/nchs/data/nhanes/2011-2012/...](https://wwwn.cdc.gov/nchs/data/nhanes/2011-2012/)

1. OVERVIEW OF THE ORAL GLUCOSE TOLERANCE TEST (OGTT) 1.1 Introduction Because of the increasing occurrence of diabetes in younger ages, NHANES added this component to the examination protocol to reassess the prevalence of diabetes and impaired glucose tolerance (IGT) in the U.S. population.

Glucose Tolerance Test

A blood test done to evaluate the ability of body to absorb specific amount of glucose.

Type: Blood sample

Duration: Usually 3-4 hours

Results available: Within a day

Is Invasive: Invasive

Ability to confirm condition: High

Ability to rule out condition: High

Normal value(s): Negative

Conditions it may diagnose

Type 2 Diabetes
Very common
Results from insufficient production of insulin, causing high blood ...

[Read more](#)

Gestational Diabetes
Common
A condition in which women develop diabetes during pregnancy.

[Read more](#)

Preparation

Name of Journal: *World Journal of Clinical Pediatrics*

Manuscript NO: 61976

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Repetitiveness of the oral glucose tolerance test in children and adolescents

Repetitiveness of the OGTT in children

Abstract

BACKGROUND

Data regarding the most suitable diagnostic method for the diagnosis of glucose impairment in asymptomatic children and adolescents are inconclusive. Furthermore, limited data are available on the reproducibility of the Oral Glucose Tolerance Test (OGTT) in children and adolescents with obesity.

Match Overview

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Cited by: 10

Author: LS Conwell, JA Batch

Publish Year: 2004

Prevalence of Impaired Glucose Tolerance among Children ...

<https://www.nejm.org/doi/full/10.1056/NEJMoa012578>

After the oral glucose-tolerance test, plasma glucose levels were higher in both children and adolescents with impaired glucose tolerance than in those with normal glucose tolerance ...

Cited by: 2370

Author: Ranjana Sinha, Gene Fisch, Barbara Tea...

Publish Year: 2002

Oral Glucose Tolerance Test | CS Mott Children's Hospital ...

<https://www.mottchildren.org/health-library/hw44896> ▾

Test Overview. The oral glucose tolerance test (OGTT) measures the body's ability to use a type of sugar, called glucose, that is the body's main source of energy. An OGTT can be used to diagnose prediabetes and diabetes. An OGTT is most commonly done to check for diabetes that occurs with pregnancy (gestational diabetes).

[PDF] PROTOCOL FOR GLUCOSE TOLERANCE TEST IN CHILDREN

<https://www.tamesidehospital.nhs.uk/documents/GlucoseToleranceTest.pdf>