

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 55517

**Manuscript Type:** CASE REPORT

**Hypothyroidism with elevated pancreatic amylase and lipase without clinical symptoms: A case report**

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## Abstract

### BACKGROUND

Hypothyroidism is an endocrine disorder that has a worldwide prevalence and can affect multiple organ systems. We report a case of hypothyroidism

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Ascites as a presenting symptom of primary hypothyroidism is rare occurring in <1% of cases. An uncommon complication of hypothyroidism, **myxedema ascites** is ...

Author: Marc Atzenhoefer, Jeanette H. Man, Eh... Publish Year: 2017

Gullo's Syndrome: A Case Report - PubMed Central (PMC)

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4800576

Feb 01, 2016 · In **Gullo's** syndrome there is persistently raised **pancreatic** enzyme levels like **amylase**, **lipase** and iso-**amylase without** any evidence of **pancreatic** disease. After detection of hyperenzymemia atleast a year must pass before labelling it as **Gullo's** syndrome. Often enzyme levels show considerable fluctuation with transient normalization too.

Author: Prabhat Kumar, Anindya Ghosh, Vaibha... Publish Year: 2016

Case Report: Acute pancreatitis owing to very high ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3645636

Apr 22, 2013 · A small number of case reports have been published supporting the treatment of acute pancreatitis due to severely elevated triglyceride levels with **insulin and heparin**. We report a case of acute pancreatitis in a young woman due to a triglyceride level of 15 215 mg/dl who was successfully treated with insulin and heparin.

Cited by: 10 Author: Madan Raj Aryal, Naba Raj Mainali, Shobhit... Publish Year: 2013

Amoxicillin/clavulanic acid-induced pancreatitis: case report

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6090968

Aug 02, 2018 · Chams et al. 2018 (our case) 58-year-old male: Elevated amylase, lipase with CT abdomen showing pancreatitis: **Amoxicillin-clavulanic acid**: On day 9th of antibiotic treatment: Not performed: Clinical improvement with **fluid hydration** and cessation of antibiotic: Campo et al. 2015 : 42-year-old woman: Elevated lipase with CT abdomen showing pancreatitis

Cited by: 2 Author: Sana Chams, Skye El Sayegh, Mulham Ha... Publish Year: 2018

Normal lipase serum level in acute pancreatitis: A case report

https://www.researchgate.net/publication/6867302...

**Lipase** level increases within four to eight hours of acute pancreatitis, peaks at 24 hours, and remains **elevated** for one to two weeks, typically longer than **amylase** levels 1,3,4 .

The Roles of Thyroid and Thyroid Hormone in Pancreas ...

https://www.hindawi.com/journals/ije/2018/2861034

Moreover, high **TH** levels in hyperthyroidism, except in the case of autoimmune diseases, could also influence pancreas function. Treatment with high levels of **T4** could induce pancreatic  $\beta$  cell apoptosis, as was shown by an increase in transferase-mediated deoxyuridine triphosphate-biotin nick end labeling (TUNEL) and caspase-3 expressions in rat  $\beta$  cells .

Cited by: 2 Author: Chaoran Chen, Zhenxing Xie, Yingbin Shen, ... Publish Year: 2018

Early diagnosis of asparaginase-associated pancreatitis ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3917048

May 17, 2013 · In patients with **clinical** symptoms such as abdominal pain, nausea and emesis, acute pancreatitis is suspected on the basis of **elevated** levels of serum **amylase** and/or **lipase**, along with abnormal findings on imaging studies. Early diagnosis and prompt treatment of ...

Cited by: 2 Author: Tsuyoshi Morimoto, Kota Hirai, Akiko Fuku... Publish Year: 2013

Important Health Checks for People With Hypothyroidism ...

https://www.everydayhealth.com/hs/healthy-living...

People with hypothyroidism may have elevated total and LDL cholesterol levels. Total **cholesterol**, which includes your good HDL cholesterol, should be below 200 milligrams per deciliter (mg/dL) and LDL cholesterol below 130 mg/dL. If your cholesterol is high when you start thyroid treatment,...

Significant elevations of serum lipase not caused by ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4299384


Jun 03, 2014 · **Lipase** is an enzyme that catalyses the breakdown of triglycerides. 7 In addition to **pancreatic** acinar cells, **lipase** is found in the gastrointestinal tract, including the oesophagus, duodenum, stomach and colon. 7 **Lipase** has also been described in the liver, heart, lungs and leukocytes. 7, 8 **Pancreatic lipase** content is approximately 100 times ...

Cited by: 25 Author: Ahmer M. Hameed, Vincent W.T. Lam, Vinc... Publish Year: 2015

Pancreatitis - Symptoms and causes - Mayo Clinic

https://www.mayoclinic.org/diseases-conditions/...

OverviewSymptomsCausesRisk FactorsComplications



Pancreatitis is inflammation in the pancreas. The pancreas is a long, flat gland that sits tucked behind the stomach in the upper abdomen. The pancreas produces enzymes that help digestion and hormones that help regulate the way your body processes sugar (glucose).Pancreatitis can occur as acute pancreatitis — meaning it appears suddenly and lasts for days. Or pancreatitis can occur as chronic pancreatitis, which is pancreatitis th...

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Deranged **amylase and lipase** were at baseline for this patient status post **pancreas** transplant with urinary drainage. Profound **hypothyroidism** presenting with myxedema ascites was our ultimate diagnosis after complete symptom resolution on levothyroxine 150 mcg/day.

**Author:** Marc Atzenhoefer, Jeanette H. Man, E... **Publish Year:** 2017

## Asymptomatic and Persistent Elevation of Pancreatic ...

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May 14, 2013 · An elevation of serum amylase and lipase without symptoms of **pancreatitis** is documented to be more frequent in IBD patients than in controls [3–5]. Various possible explanations for asymptomatic hyperamylasemia and hyperlipasemia in IBD patients have been proposed and are still matter of discussion.

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**Elevated** serum **amylase and lipase** are common with **pancreatic** injuries but not pathognomonic, nor is the degree of elevation of these enzymes necessarily indicative of the extent of injury. 9 **Elevated amylase** values are in fact present in a third of all blunt abdominal trauma cases **without pancreatic** injury. 2 Serial monitoring of enzyme values ...

**Cited by:** 9 **Author:** Bharati Hiremath, Nishchit Hegde  
**Publish Year:** 2014

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What are the symptoms of elevated pancreatic levels?

