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Manuscript Type: ORIGINAL ARTICLE

Case Control Study

Relationship between granulomatous lobular mastitis and methylene tetrahydrofolate reductase gene polymorphism

Qing-Ran Lei, Xin Yang, Chun-Mei Miao, Jin-Chang Wang, Yue Yang

Abstract

BACKGROUND

Variations in the methylene tetrahydrofolate reductase (*MTHFR*) gene have been reported as risk factors for numerous conditions, including cardiovascular disease, thrombophilia, stroke, hypertension and pregnancy-related complications. Moreover, it was reported there is an association between breast

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3. Discussion. In 1972, Kessler and Wolloch first defined **granulomatous mastitis** (GM) [1, 2].GM can be idiopathic (primary) and specific (secondary) [2, 3].Secondary GM involves caseation necrosis and emerges with a variety of infectious conditions such as vasculitis, sarcoidosis, tuberculosis, actinomycosis, and blastomycosis filariasis [2, 3].IGM is detected in less than 1% of breast ...

Cited by: 2 **Author:** Sebahattin Destek, Vahit Onur Gul, Serk...
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https://www.researchgate.net/publication/338294813_Clinical_study_on_surgical...

Download Citation | Clinical study on surgical treatment of **granulomatous lobular mastitis** | Background: The etiology and pathogenesis of **granulomatous lobular mastitis** ...

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An association was also reported **between** breast cancer and mutations in **MTHFR**-C 677 T, PAI-1, ACE **genes**. Genetic **polymorphisms** may involve in the development of IGM as it was seen in our case.

[PDF] Idiopathic granulomatous mastitis: a disease mimics ...

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diagnosed with IGM [1]. It is also called idiopathic **granulomatous lobular mastitis** or idiopathic **granulomatous** lobulitis. It is more frequent **between** 2-4 decades in reproductive ages and in the first 6 years after childbirth [3,4]. It can also rarely be seen in men ...

Author: Sabahattin Destek **Publish Year:** 2018

Case Report: Ductal Carcinoma in Situ Within A ...

https://www.researchgate.net/publication/326418044...

Granulomatous lobular mastitis is a rare chronic breast disease, firstly described by Kessler and Wolloch in 1972. In this article we present a 35-year-old patient with **granulomatous lobular** ...

Idiopathic granulomatous mastitis: a disease mimics breast ...

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Relationship between granulomatous lobular mastitis and MTHFR g

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3. Discussion. In 1972, Kessler and Wolloch first defined **granulomatous mastitis** (GM) [1, 2].GM can be idiopathic (primary) and specific (secondary) [2, 3].Secondary GM involves caseation necrosis and emerges with a variety of infectious conditions such as vasculitis, sarcoidosis, tuberculosis, actinomycosis, and blastomycosis filariasis [2, 3].IGM is detected in less than 1% of …

Cited by: 2 **Author:** Sebahattin Destek, Vahit Onur Gul, Serka…
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Liyu Jiang's 25 research works with 286 citations and 1,315 reads, including: Clinicopathological features of **granulomatous lobular mastitis** and mammary duct ectasia

Idiopathic granulomatous mastitis: a disease mimics breast ...

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It is also called idiopathic **granulomatous lobular mastitis** or idiopathic **granulomatous** lobulitis. It is more frequent **between** 2-4 decades in reproductive ages and in the first 6 years after childbirth [3,4]. It can also rarely be seen in men . The etiology of the IGM is not fully understood.

Author: Sabahattin Destek **Publish Year:** 2018

CASE STUDY 7.1 CHRONIC MASTITIS ANSWERS

https://getone.mobi/case-study-71-chronic-mastitis-answers-24

Case diagnosis was based on chronic findings, after extensive work-up ruled out malignancy and known causes of **granulomatous mastitis**. Eleven patients representing 1. Associations **between** single nucleotide **polymorphism** SNP genotypes with CMR and breeding values for milk and protein yield were

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Idiopathic **granulomatous mastitis** (IGM) is a rare and chronic inflammatory disorder. ... variants in the **methylene tetrahydrofolate reductase** (MTHFR) and thymidylate synthase (TS) **genes** may be ...

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We studied the -930A/G **polymorphism** of the CYBA **gene** promoter, the apolipoprotein E (APOE) genotype and the **methylene-tetrahydrofolate reductase** (MTHFR) **gene** C677T **polymorphism** in ...

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https://www.sciencedirect.com/science/article/pii/B9780124202191000045

Jan 01, 2016 · The enzyme **methylene tetrahydrofolate reductase** generates 5-**methyl tetrahydrofolate** to serve as a carbon donor for methionine synthase. Homozygous deficiencies of certain **genes** involved in methionine metabolism including cystathionine synthase or **methylene tetrahydrofolate reductase** results in the condition homocystinuria.

Author: J.R. Stone **Publish Year:** 2016

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Request PDF | Idiopathic **granulomatous mastitis**: A case report | Idiopathic granulomatosus **mastitis** (IGM) is chronic breast lesion that can mimic breast carcinoma and breast abscess. In this ...

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Aim of the work To detect **methylene-tetra-hydrofolate reductase** (MTHFR) 677C/T and 1298A/C **gene** polymorphisms in RA patients treated with MTX and to investigate the **relationship** with serum OPN ...

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Title: Association **between** the **methylene tetrahydrofolate reductase gene** C677T mutation and