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Myasthenia gravis and pregnancy

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Abstract

Myasthenia gravis (MG) is an autoimmune disorder of neuromuscular junction that has higher incidence in younger women than men, which could be related to differences in sex hormones physiology and immune system functioning between males and females. MG can first present during pregnancy and variably affect pregnancy, labor, and postpartum period. In this paper, we had an updated overview on our understanding about MG presentation and its effect on

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Myasthenia Gravis and Pregnancy



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What do you want to know about this condition?

- additional diagnostic considerations
- associated disorders
- overview
- thymectomy
- plasmapheresis and intravenous immunoglobulin

Myasthenia gravis especially when associated with pregnancy is a **high-risk disease**. As this disease predominantly occurs in women of reproductive age, it is important to be aware of this condition in obstetrics and its interdisciplinary diagnostic and therapeutic management. 1. Introduction

Author: Sebastian Berlit, Benjamin Tuschy, Saskia Spaich, Marc Sütterlin, Regine Schaffelder

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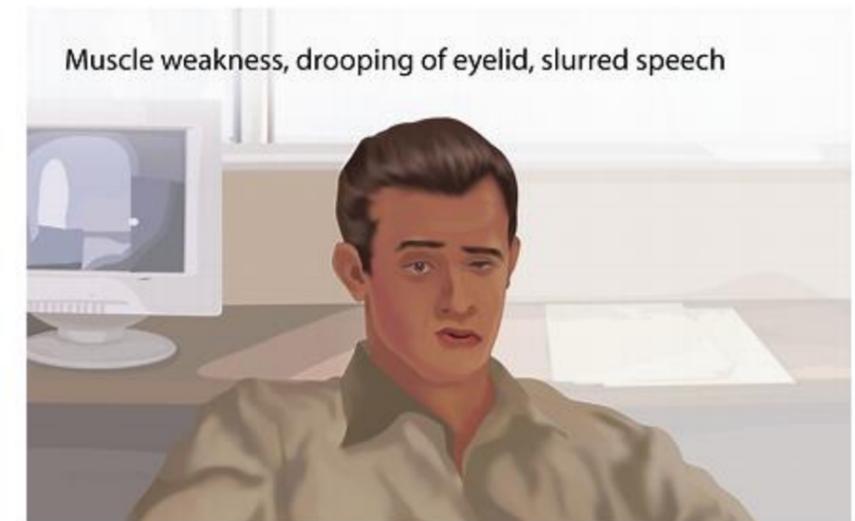
Publish Year: 2012

Myasthenia Gravis in Pregnancy: A Case Report

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Myasthenia Gravis

Medical Condition



A neuromuscular disorder that leads to weakness of skeletal muscles.

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Myasthenia gravis and pregnancy



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Cited by: 10

Author: Johanna Hamel, Emma Ciafaloni

Publish Year: 2018

Myasthenia gravis presents a risk factor for **pregnancy** and delivery, and can affect the newborn. In return, **pregnancy** can affect the course of **myasthenia** and worsen the disease during **pregnancy** requiring treatment modifications. Treatment optimization and drug safety should be addressed before conception. Delivery is complicated by prolonged labor.

<https://pubmed.ncbi.nlm.nih.gov/29655454>

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Cited by: 27

Author: Emma Ciafaloni, Janice M. Massey

Publish Year: 2004

Myasthenia gravis and pregnancy *Neurol Clin.* 2004 Nov;22(4):771-82. doi: 10.1016/j.ncl.2004.06.003.

Authors Emma Ciafaloni 1 , Janice M Massey. Affiliation 1 Neuromuscular Section, Department ...

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<https://pubmed.ncbi.nlm.nih.gov/15474766>

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Cited by: 23

Author: George J Daskalakis, Ioannis S Papageor...

Publish Year: 2000

2000-4-1 - **Myasthenia gravis** (MG) is a chronic autoimmune disorder of neuromuscular transmission, which is characterized by muscle weakness and fatiguability, following repetitive activity. The most common clinical signs and symptoms include difficulty in speaking, ptosis, diplopia, dysphagia and

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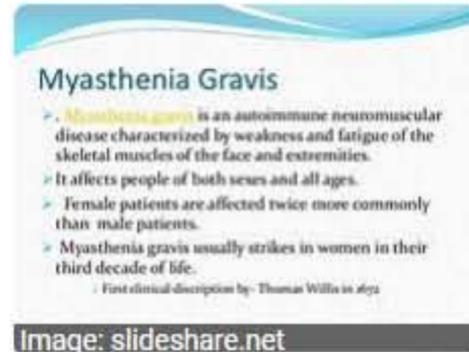


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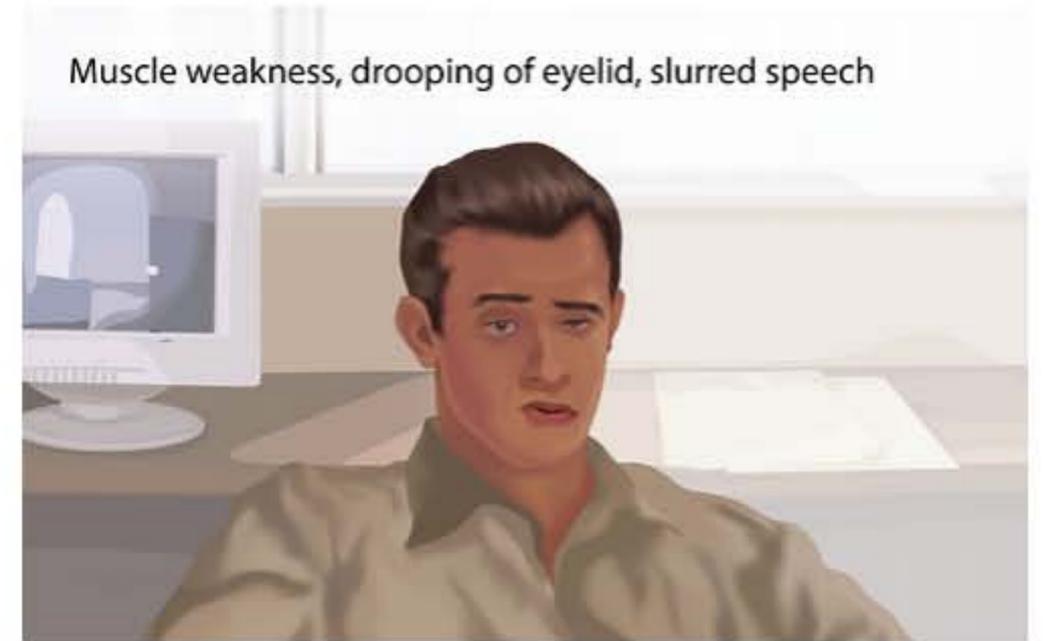
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Myasthenia Gravis

Medical Condition

Muscle weakness, drooping of eyelid, slurred speech



A neuromuscular disorder that leads to weakness of skeletal muscles.

🏠 Extremely rare (Fewer than 1,000 cases per year in US)

🧪 Often requires lab test or imaging

🔧 Treatments can help manage condition, no known cure

🕒 Can last several years or be lifelong

Muscle weakness occurs due to breakdown of communication signals between nerves and muscles. Symptoms include weakness in arms and legs, drooping of mouth and eyelids, difficulty in speech, swallowing etc. There is no cure but treatment helps manage the symptoms.

Symptoms