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Manuscript Type: Meta-Analysis

Helicobacter pylori infection and asthma: Is there a direct or an inverse association? A meta-analysis

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Abstract

AIM: The prevalence of asthma is increasing and this fact remains largely unexplained. The *Helicobacter pylori* as a cofactor of extragastric diseases has been investigated and it has been postulated that this bacterium may participate in the pathogenesis of several allergic diseases. Hence, it is of relevance to analyze the consistency of a potential involvement of the bacterium infection in the asthma disease.

METHODS: A systematic literature search of the terms "Helicobacter pylori" associated to "Asthma" using PubMed, Scopus and the Cochrane Library Central was performed. Reference lists from published articles were also employed. Titles of these publications and their abstracts were scanned in order to eliminate duplicates and

Match Overview

1	CrossCheck 96 words "Other helicobacters", <i>Helicobacter</i> , 8/2003	3%
2	CrossCheck 67 words den Hollander, W. J., A. M. M. Sonnenschein-van der Voor t, I. L. Holster, J. C. de Jongste, V. W. Jaddoe, A. Hofman,	2%
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4	Internet 37 words crawled on 20-Oct-2009 www.ncbi.nlm.nih.gov	1%
5	CrossCheck 34 words Mitsushige Sugimoto. "Review of <i>Helicobacter pylori</i> Infe on and Chronic Renal Failure : <i>H. pylori</i> Infection and CR	1%
6	CrossCheck 26 words Taube, Christian, and Anne Müller. "The role of <i>Helicoba</i> <i>er pylori</i> infection in the development of allergic asthma". E	1%



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作者: E Lionetti - 2014 - 被引用次数: 4 - [相关文章](#)

2014年12月14日 - AIM: To review and conduct a **meta-analysis** of the existing literature on the relationship ... **There** is some evidence of an **inverse association** between ... an **inverse association** between *H. pylori* and **asthma**, some studies reported and anti-*H. pylori* antibodies, but a significant **direct** correlation between ...

The association between asthma and Helicobacter pylori: a ...

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作者: Q Wang - 2013 - 被引用次数: 45 - [相关文章](#)

2012年9月26日 - The association between **asthma** and *Helicobacter pylori*: a **meta-analysis**. ... and **meta-analysis** was conducted to calculate crude odds ratios (ORs) ... for an **inverse association** between **asthma** and *H. pylori* infection both in ...

The Association Between Asthma and Helicobacter pylori ...

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Helicobacter pylori infection and atopic diseases: Is there a relationship?

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作者: E Lionetti - 2014 - 被引用次数: 5 - 相关文章

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作者: K Papamichael - 2014 - 被引用次数: 21 - 相关文章

2014年6月7日 - **H. pylori infection** may exert a **direct** damaging effect via urease and cytotoxins on ... an **inverse relationship** between IBD and **H. pylori infection** that ... Furthermore, a **meta-analysis** of 23 studies suggested a protective role of **H. pylori** **Asthma** is inversely associated with **Helicobacter pylori** status in an ...

Evaluation of the Correlation Between Childhood Asthma and ... - NCBI

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作者: T Khamechian - 2015 - 被引用次数: 1 - 相关文章

2015年6月1日 - There are studies about the **relationship** between **asthma** and ... Our findings showed that there is an **inverse** correlation between **H. pylori** and **asthma**. ... In addition, there is a **direct**

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