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Manuscript Type: META-ANALYSIS

**1** Systematic review and meta-analysis on the association of tuberculosis in Crohn's disease patients treated with tumor necrosis factor- $\alpha$  inhibitors

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### Abstract

#### AIM

To perform a meta-analysis on the risk of developing *Mycobacterium tuberculosis* (TB) infection in Crohn's disease (CD) patients treated with tumor necrosis factor-alpha (TNF $\alpha$ ) inhibitors.

### Match Overview

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### Meta-analysis: Serious Adverse Events in Crohn's Disease Patients ...

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Background/aims: It remains a question whether anti-TNF- $\alpha$  treatment is associated with an increase of serious adverse events (SAE) in Crohn's Disease (CD) patients. This study aims to assess the risk of SAE of anti-TNF- $\alpha$  treatment in CD patients. Methodology: Literature search of EMBASE, PubMed, ScienceDirect, ...

### Patients treated with a tumor necrosis factor- $\alpha$ inhibitor are more likely ...

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作者: SO Lee - 2013 - 被引用次数: 1 - 相关文章

2013年2月27日 - The United States Food and Drug Administration (FDA) approved infliximab, a humanized monoclonal antibody against TNF- $\alpha$ , for use in patients with Crohn's disease in 1998, and in those with rheumatoid arthritis in 1999. Although only one case of tuberculosis after infliximab therapy was reported in a ...

### Risk of tuberculosis in patients treated with TNF- $\alpha$ antagonists: a ...

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作者: Z Zhang - 2017 - 被引用次数: 6 - 相关文章

With the aim of further clarifying the issue, this meta-analysis compared the risk of TB between TNF- $\alpha$  antagonists treatment and control groups in randomised controlled trials (RCTs) focusing on any disease condition. A secondary objective was to investigate the association of the rate of active TB

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This [review](#) aimed to assess the risk of TB in [patients](#) undergoing [TNF- \$\alpha\$  antagonists treatment](#).  
Methods A [systematic literature](#) search for randomised controlled trials ... Subgroup [analyses](#)  
considered the effects of drug type, [disease](#) and TB ... the [association](#) between [TNF- \$\alpha\$  antagonists](#) and  
an increased risk of TB remains ...

### Tuberculosis in Anti-Tumour Necrosis Factor-treated Inflammatory ...

<https://academic.oup.com/ecco-jcc/article/10/10/1186/2605276> ▼ [翻译此页](#)

作者: D Carpio - 2016 - [被引用次数: 18](#) - [相关文章](#)

2016年1月22日 - <sup>5</sup> In more than 50% of TB cases in [anti-TNF-treated patients](#) there is ... after clinical  
chart review: age, sex, smoking, IBD type ([Crohn's disease](#), [ulcerative colitis](#), ... [treatment](#) and  
prevention of TB by the Spanish [Society](#) of Infectious ..... with biologics and tofacitinib: [a systematic  
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作者: SO Lee - 2013 - [被引用次数: 2](#) - [相关文章](#)

2013年2月27日 - In this report, only 193 [patients treated with TNF- \$\alpha\$  inhibitors](#) were ... According to an  
official report of the Korean National [Tuberculosis Association](#) (<http://www.knta.or.kr>), ...  
[extrapulmonary tuberculosis](#), and 24% had disseminated [disease](#) ... [a systematic review](#) and [meta-  
analysis](#) of individual [patient](#) data.

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### [Association between tumour necrosis factor- \$\alpha\$ inhibitors and risk of ...](https://www.bmj.com/content/350/bmj.h2809)

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作者: NN Andersen - 2015 - 被引用次数: 27 - 相关文章

2015年6月5日 - All three drugs are approved for the **treatment** of **Crohn's disease**, whereas ... Although the **treatment** with **TNF- $\alpha$  inhibitors** for inflammatory bowel ..... No cases of **tuberculosis** were detected among **patients** who used **TNF- $\alpha$  inhibitors**. ..... infections and malignancies: **systematic review** and **meta-analysis** of ...

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作者: Z Zhang - 2017 - 被引用次数: 7 - 相关文章

Risk of **tuberculosis** in **patients** treated with **TNF- $\alpha$  antagonists**: a **systematic review** ... This review aimed to assess the risk of **TB** in **patients** undergoing **TNF- $\alpha$  ...** Subgroup analyses considered the effects of drug type, **disease** and **TB** endemicity. ... Conclusions Findings from our **meta-analysis** indicate that the risk of **TB** may ...

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作者: D Carpio - 2016 - 被引用次数: 18 - 相关文章

2016年1月22日 - **Tuberculosis** could still occur in anti-**TNF-treated** **IBD patients** despite ... 15 years for the **treatment** of **IBD**, both **Crohn's disease** (**CD**)<sup>2</sup> and ulcerative colitis (**UC**). ... **treatment** and prevention of **TB** by the Spanish **Society** of Infectious ..... with biologics and tofacitinib: a **systematic review** and **meta-analysis** of ...

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