

## Match Overview

Rank	Source	Words	Percentage
1	Internet crawled on 14-Dec-2018 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	58	3%
2	Internet crawled on 05-Mar-2019 <a href="http://onlinelibrary.wiley.com">onlinelibrary.wiley.com</a>	55	3%
3	Crossref Sho Suzuki, Takuji Gotoda, Chika Kusano, Kunio Iwatsuka, Mitsuhiro Moriyama. "The Efficacy and Tolerability of a Tr	44	2%
4	Internet crawled on 23-Jun-2018 <a href="http://www.fip.org">www.fip.org</a>	42	2%
5	Crossref Alessia Savoldi, Elena Carrara, David Y. Graham, Michela Conti, Evelina Tacconelli. "Prevalence of Antibiotic Resista	27	1%
6	Crossref Angel Cosme, Silvia Torrente Iranzo, Milagrosa Montes Ros, María Fernández-Reyes Silvestre et al. " antimicrobial re	23	1%
7	Internet crawled on 31-Dec-2018 <a href="http://www.science.gov">www.science.gov</a>	23	1%
8	Crossref Z Z Tala, G A Siregar, G P Siregar. "Glutathione peroxidase level in patients with Helicobacter pylori-associated gasl ...	18	1%
9	Internet crawled on 08-Jul-2012	14	1%

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 46275

Manuscript Type: OPINION REVIEW

Development of *Helicobacter pylori* treatment: How do we manage antimicrobial resistance?

Suzuki S *et al.* *H. pylori* treatment for managing antimicrobial resistance

Sho Suzuki, Mitsuru Esaki, Chika Kusano, Hisatomo Ikehara, Takuji Gotoda

### Abstract

*Helicobacter pylori* (*H. pylori*) antimicrobial resistance is an urgent, global issue. In 2017, the World Health Organization designated clarithromycin-resistant *H. pylori* as a high priority bacterium for antibiotic research and development. In addition to clarithromycin, resistance to metronidazole and fluoroquinolones has also increased worldwide. Recent international guidelines for management of *H. pylori* infection recommend bismuth or non-bismuth quadruple therapy for 14 d as a first-line treatment for *H. pylori* in areas of high clarithromycin and/or metronidazole resistance. Although these treatment regimens provide acceptable *H. pylori* eradication rates, the regimens used should not contribute to future resistance of *H. pylori* to antimicrobials. Moreover, these regimens can promote resistance, due to prolonged therapy with multiple antibiotics. A new strategy that can eradicate *H. pylori* as well as reduce the antibiotics used is required to

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 2,910,000 条结果 (用时 0.73 秒)

### The challenge of Helicobacter pylori resistance to antibiotics: the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3296089/>  [翻译此页](#)

作者: F Mégraud - 2012 - 被引用次数: 117 - [相关文章](#)

跳到Bismuth-based quadruple therapy - The main concern of this alternative treatment is to avoid the major but ... Soon after the discovery of *H. pylori*, Marshall and colleagues' ... had been used to treat peptic ulcer disease in the past with some success. ... Aptalis, Mont St Hilaire, QC , Canada) has been developed, ...

[Abstract](#) · [Introduction](#) · [Increased resistance of H ...](#) · [Adapting current treatments ...](#)

### Treatment of Helicobacter pylori infection: Meeting the challenge of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4123371/>  [翻译此页](#)

作者: V Papastergiou - 2014 - 被引用次数: 51 - [相关文章](#)

2014年8月7日 - Due to the wide increase in prevalence of *H. pylori* resistance to ...

Keywords: *Helicobacter pylori*, Antibiotic resistance, Bismuth-quadruple, Concomitant, Sequential ... of the world's population and up to 80% in developing countries[1]. ... as indications to treat *H. pylori*: idiopathic thrombocytopenic purpura, ...

### Current understanding and management of Helicobacter pylori infection

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5998008/> - [翻译此页](#)

作者: S Ansari - 2018 - [相关文章](#)

跳到Geographic distribution of clarithromycin and metronidazole resistance - Although the antibiotic resistance rate differs ... therapy and also resistance to these ... The resistance rate of metronidazole usually remains high in developing ...

### Treatment of Helicobacter pylori Infection | American College of ...

[gi.org](http://gi.org) > [Guideline](#)  [翻译此页](#)

作者: WD Chey - 2017 - 被引用次数: 187 - [相关文章](#)

This guidance document was developed using the GRADE (Grading of .... What do we know about *H. pylori* antimicrobial resistance in the North America? .... The ACG's 2007 treatment guideline on the management of *H. pylori* infection (26)

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 2,980,000 条结果 (用时 0.55 秒)

### The challenge of Helicobacter pylori resistance to antibiotics: the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3296089/> [▼ 翻译此页](#)

作者: F Mégraud - 2012 - 被引用次数: 111 - 相关文章

跳到Bismuth-based quadruple therapy - The main concern of this alternative treatment is to avoid the major but ... Soon after the discovery of H. pylori, Marshall and colleagues' ... had been used to treat peptic ulcer disease in the past with some success. ... Aptalis, Mont St Hilaire, QC , Canada) has been developed, ...

[Abstract](#) · [Introduction](#) · [Increased resistance of H ...](#) · [Adapting current treatments ...](#)

### Advances in the treatment of Helicobacter pylori infection in children

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4289981/> [▼ 翻译此页](#)

作者: N Kalach - 2015 - 被引用次数: 10 - 相关文章

跳到Who should be treated? - The goal of treatment is to achieve at least a 90% eradication rate on a per protocol (PP) basis at the first attempt [5]. A high initial eradication rate will prevent the development of antibiotic resistance and spreading of resistant H. pylori strains in the population.

### Treatment of Helicobacter pylori infection: Meeting the challenge of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4123371/> [▼ 翻译此页](#)

作者: V Papastergiou - 2014 - 被引用次数: 49 - 相关文章

2014年8月7日 - Due to the wide increase in prevalence of H. pylori resistance to ... Keywords: Helicobacter pylori, Antibiotic resistance, Bismuth-quadruple, Concomitant, Sequential ... of the world's population and up to 80% in developing countries[1]. ... as indications to treat H. pylori: idiopathic thrombocytopenic purpura, ...

### Treatment of Helicobacter pylori Infection | American College of ...

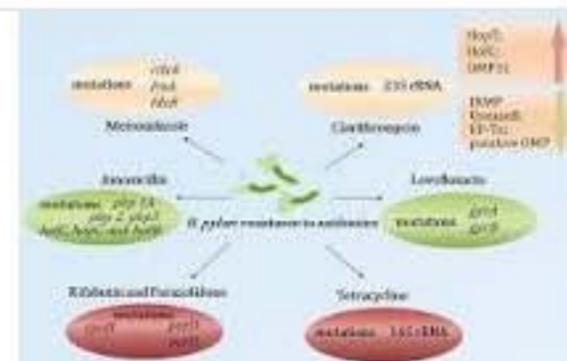
[gi.org](#) > [Guideline](#) [▼ 翻译此页](#)

作者: WD Chey - 2017 - 被引用次数: 222 - 相关文章

This guidance document was developed using the GRADE (Grading of .... What do we know about H. pylori antimicrobial resistance in the North America? .... The ACG's 2007 treatment guideline on the management of H. pylori infection (26) ...

找到约 3,010,000 条结果 (用时 0.61 秒)

The main role of PPIs in the **treatment** of **H. pylori** infections is **to** elevate the gastric pH, leading **to** an increase in the population of dividing **H. pylori**. Subsequently, the bacteria become more susceptible **to antibiotics** such as amoxicillin and clarithromycin (Scott et al., 1998; Graham and Fischbach, 2010).



### Novel and Effective Therapeutic Regimens for Helicobacter pylori in ...

<https://www.frontiersin.org/articles/242644>

[关于这条结果的详细信息](#) [反馈](#)

### Advances in the treatment of Helicobacter pylori infection in children

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4289981/> [翻译此页](#)

作者: N Kalach - 2015 - 被引用次数: 10 - 相关文章

跳到Who **should be treated?** - The goal of **treatment** is **to** achieve at least a 90% eradication rate on a per protocol (PP) basis at the first attempt [5]. A high initial eradication rate **will** prevent the **development** of **antibiotic resistance** and spreading of **resistant H. pylori** strains in the population.

### How antibiotic resistances could change Helicobacter pylori treatment ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3857438/> [翻译此页](#)

作者: E Ierardi - 2013 - 被引用次数: 92 - 相关文章

2013年12月7日 - Keywords: **Helicobacter pylori**, **Antibiotic resistance**, Geography, Therapeutic ... it is decreasing, especially in **developed** countries, still dictates the **treatment** of all ..... Its use **to treat H. pylori** infections was also proposed[122].

### Treatment of Helicobacter pylori infection: Meeting the challenge of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4100074/> [翻译此页](#)