

Name of Journal: *World Journal of Nephrology*

Manuscript NO: 37042

Manuscript type: Review

ImmunoglobulinG4-related kidney diseases: an updated review

Maurizio Salvadori, Aris Tsalouchos

Abstract

This review will encompass definition, pathogenesis, renal clinical manifestations and treatment of immunoglobulin G4-related diseases (IgG4-RDs). IgG4-RD is a recently recognized clinical entity that often involves multiple organs and is characterized by high levels of serum immunoglobulinsG4, dense infiltration of IgG4+ cells and storiform fibrosis. Cellular immunity, particularly T-cell mediated immunity, has been implicated in the pathogenesis of IgG4-RDs. The most frequent renal manifestations of IgG4-RD are IgG4-related tubulointerstitial nephritis (TIN), membranous glomerulopathy (MGN) and obstructive nephropathy secondary to urinary tract obstruction due to IgG4-related retroperitoneal fibrosis. IgG4-RD diagnosis should be based on specific histopathological findings, confirmed by tissue immunostaining, typical radiological findings and an appropriate clinical context. The first line treatment is the steroids with two warnings: steroid resistance and relapse after discontinuation. In the case of steroid resistance, B cell depleting agents as rituximab represent the second-line treatment. In the case of relapse after discontinuation, steroid treatment may be associated with steroid sparing agents.

Match Overview

1	Crossref 132 words Cortazar, Frank B., and John H. Stone. "IgG4-related disease and the kidney", <i>Nature Reviews Nephrology</i> , 2015.	3%
2	Crossref 99 words Quattrocchio, Giacomo, and Dario Roccatello. "IgG4-related nephropathy", <i>Journal of Nephrology</i> , 2016.	2%
3	Internet 83 words crawled on 24-Dec-2016 www.wjgnet.com	2%
4	Internet 79 words crawled on 24-Oct-2013 phes.co	2%
5	Crossref 59 words Kamisawa, Terumi, Yoh Zen, Shiv Pillai, and John H Stone. "IgG4-related disease", <i>The Lancet</i> , 2015.	1%
6	Internet 54 words crawled on 31-Oct-2017 www.thieme-connect.com	1%
7	Crossref 31 words John H. Stone. "IgG4-Related Disease", <i>New England Journal of Medicine</i> , 02/09/2012	1%



文章

找到约 1,640 条结果 (用时0.06秒)

时间不限

2017以来

2016以来

2013以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

 包括专利 包含引用

创建快讯

小提示: 只搜索中文(简体)结果, 可在 [学术搜索设置](#) 指定搜索语言

IgG4-related disease

JH Stone, Y Zen, V [Deshpande](#) - *New England Journal of ...*, 2012 - Mass Medical Soc... every organ system: the biliary tree, salivary glands, periorbital tissues, **kidneys**, lungs, lymph ... in images varies considerably, particularly in the lung and **kidney**.⁷⁷ The ... are generally nonspecific and do not permit reliable distinctions between **IgG4-related disease** and cancer. ...

☆ 99 被引用次数: 1406 相关文章 所有 22 个版本

[HTML] IgG4-related kidney disease—an update

M Kawano, T Saeki - *Current opinion in nephrology and ...*, 2015 - ncbi.nlm.nih.gov... computed tomography (CT) scan before corticosteroid therapy shows multiple low-density lesions in the bilateral **kidneys** in a ... Table 3 Table 3. IgG4-negative **IgG4-related kidney disease**. ... TIN with characteristic imaging findings is a typical manifestation of IgG4-RD in the **kidney**. ...

☆ 99 被引用次数: 39 相关文章 所有 9 个版本

IgG4-related disease: a cross-sectional study of 114 cases

Y Zen, Y Nakanuma - *The American journal of surgical pathology*, 2010 - journals.lww.com... Skip Navigation Links Home > December 2010 - Volume 34 - Issue 12 > **IgG4-Related Disease: A Cross-sectional Study of 114 Cases**. ... Original Articles. **IgG4-Related Disease: A Cross-sectional Study of 114 Cases**. Zen, Yoh MD, PhD, FRCPath * ; Nakanuma, Yasuni MD, PhD †. ...

☆ 99 被引用次数: 396 相关文章 所有 6 个版本

International consensus guidance statement on the management and treatment of IgG4-related disease

A Khosroshahi, ZS Wallace, JL Crowe... - *Arthritis & ...*, 2015 - Wiley Online Library... of their history of publication on IgG4-RD and their recognized clinical expertise pertaining to the **condition**. ... A variety of **diseases** can be mistaken for IgG4-RD, and the list of disorders to ... Table 3. Conditions that can mimic **IgG4-related disease** clinically and histopathologically. ...

☆ 99 被引用次数: 208 相关文章 所有 6 个版本



文章

找到约 456 条结果 (用时0.05秒)

时间不限

2017以来

2016以来

2013以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

 包括专利 包含引用 创建快讯

小提示: 只搜索中文(简体)结果, 可在 学术搜索设置 指定搜索语言

The latest on IgG4-RD: a rapidly emerging disease

MN Carruthers, JH Stone... - Current opinion in ..., 2012 - journals.lww.com

... Skip Navigation Links Home > January 2012 - Volume 24 - Issue 1 > The latest on IgG4-RD: a rapidly emerging disease, < Previous Article |

☆ 00 被引用次数: 116 相关文章 所有 5 个版本

IgG4-related disease: a cross-sectional study of 114 cases

Y Zen, Y Nakanuma - The American journal of surgical pathology, 2010 - journals.lww.com

... Skip Navigation Links Home > December 2010 - Volume 34 - Issue 12 > IgG4-Related Disease: A Cross ... Original Articles. IgG4-Related Disease: A Cross-sectional Study of 114 Cases. Zen, Yoh MD, PhD, FRCPath * ; Nakanuma, Yasuni MD, PhD †. Article Outline. Collapse Box ...

☆ 00 被引用次数: 408 相关文章 所有 6 个版本

[HTML] IgG4-related kidney disease—an update

M Kawano, T Saeki - Current opinion in nephrology and ..., 2015 - ncbi.nlm.nih.gov

... CT) scan before corticosteroid therapy shows multiple low-density lesions in the bilateral kidneys in a ... Immunoglobulin G4-related disease in genitourinary organs: an emerging fibroinflammatory entity often misdiagnosed preoperatively as cancer ... Kidney Int 2010; 78:1016–1023 ...

☆ 00 被引用次数: 40 相关文章 所有 9 个版本

A clinical overview of IgG4-related systemic disease

A Khosroshahi, JH Stone - Current opinion in rheumatology, 2011 - journals.lww.com

Purpose of review: To summarize the existing knowledge of various clinical presentations of IgG4-rel.

☆ 00 被引用次数: 280 相关文章 所有 4 个版本

IgG4-related disease

JH Stone, Y Zen, V Deshpande - New England Journal of ..., 2012 - Mass Medical Soc

... All immunoglobulin subclasses may be represented within involved tissue, but IgG4 predominates ... The high percentage of IgG4 antibodies that have become bispecific immunoglobulins through the Fab ... pancreas and an irregular, low-attenuation area (arrow) in the left kidney ...

☆ 00 被引用次数: 1442 相关文章 所有 22 个版本

[HTML] Th2 and regulatory immune reactions are increased in immunoglobulin G4-related sclerosing pancreatitis and cholangitis

[HTML] nih.gov

[PDF] hindawi.com

[HTML] wiley.com



全部 新闻 视频 图片 更多

设置 工具

找到约 54,800 条结果 (用时 0.56 秒)

Google 学术: Immunoglobulin G4-related kidney diseases: An updated review

The latest on IgG4-RD: a rapidly emerging disease - Carruthers - 被引用次数: 119

IgG4-related disease: a cross-sectional study of 114 ... - Zen - 被引用次数: 409

IgG4-related kidney disease—an update - Kawano - 被引用次数: 40

Immunoglobulin G4-related kidney disease: Pathogenesis, diagnosis ... www.sciencedirect.com/science/article/pii/S2095882X1630130X - 翻译此页

作者: K Zheng - 2017

Immunoglobulin G4-related disease (IgG4-RD) is a recently recognized clinical entity that often involves multiple organs; it is characterized by high levels of serum immunoglobulin G4 (IgG4), dense infiltration of IgG4+ cells, and storiform fibrosis. Cellular immunity, particularly T cell-mediated immunity, has been implicated ...

IgG4-related kidney disease – an update - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4318645/> - 翻译此页

作者: M Kawano - 2015 - 被引用次数: 40 - 相关文章

2015年2月11日 - Purpose of **review**. **IgG4-related disease** (IgG4-RD) is a recently recognized systemic inflammatory **disorder** that can affect most organs/tissues such as sarcoidosis. The **kidney** is a frequently affected organ with tubulointerstitial nephritis (TIN), the representative lesion of IgG4-RD. This **review** focuses on the ...

Immunoglobulin G4-Related Kidney Disease: A ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/26357500> - 翻译此页

作者: N Seo - 2015 - 被引用次数: 8 - 相关文章

Korean J Radiol 2015 Sep-Oct 16(5):1056-67 doi: 10.3348/kir.2015.16.5.1056 Epub 2015 Aug 21