

Name of Journal: World Journal of Nephrology

ESPS Manuscript NO: 24315

Manuscript Type: Diagnostic Advances

Immunofluorescence on paraffin embedded renal biopsies: Experience of a tertiary care center with review of literature

Geetika Singh, Lavleen Singh, Ranajoy Ghosh, Devajit Nath, Amit Kumar Dinda

#### Abstract

Immunofluorescence is integral to diagnostic renal pathology. Immunofluorescence on paraffin embedded renal biopsies (IF-P) after enzyme treatment has been described in literature, however has not found widespread use in renal pathology laboratories. In our laboratory proteinase K digestion of paraffin embedded renal biopsy material was standardized and applied prospectively in cases where immunofluorescence on fresh frozen tissue was non contributory or not possible. Diagnostic utility was assessed and in a cohort of cases comparison of intensity of staining with routine immunofluorescence was performed. Over the 5-year study period, of the 3141 renal biopsies received IF-P was performed on 246 cases (7.7%) and was interpretable with optimal digestion in 214 cases (6.8%). It was of diagnostic utility in the majority of cases, which predominantly included glomerular disease. Non-diagnostic IF-P was found in membranous nephropathy (2 of 11 cases), membranoproliferative glomerulonephritis (2 of 32 cases),

#### Match Overview

- | Match Number | Source     | Words   | Similarity |
|--------------|------------|---|------------|
| 1            | Internet   | 57 words<br>crawled on 09-Dec-2009<br><a href="http://lib.bioinfo.pl">lib.bioinfo.pl</a>  | 2%         |
| 2            | CrossCheck | 32 words<br>Fogo, Agnes B., and Michael Kashgarian, "Glomerular Diseases", Diagnostic Atlas of Renal Pathology, 2012.               | 1%         |
| 3            | CrossCheck | 23 words<br>Messias, Nidia C, Patrick D Walker, and Christopher P Larsen. "Paraffin immunofluorescence in the renal pathology   ... | 1%         |
| 4            | CrossCheck | 22 words<br>S H Nasr. "Immunofluorescence on pronase-digested paraffin sections: A valuable salvage technique for renal biopsy      | 1%         |

学术搜索

找到约 947 条结果 (用时0.07秒)

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

时间不限

2016以来

2015以来

2012以来

自定义范围...

按相关性排序

按日期排序

搜索所有网页

中文网页

简体中文网页

☒ 包括专利☒ 包含引用

[HTML] Significance of extracapillary proliferation in IgA-nephropathy patients with regard to clinical and histopathological variables

M Rafeian-Kopaei, A Baradaran, H Nasri - Hippokratia, 2013 - ncbi.nlm.nih.gov

... dominant mesangial or mesangial-capillary immune deposits through immunofluorescence (IF) microscopy ... and complement components in formalin fixed and paraffin embedded renal biopsy material by ... Nasri H. Hypertension and renal failure with right arm pulse weakness in ...

被引用次数: 7 相关文章 所有 6 个版本 引用

[HTML] Association of proteinuria with various clinical findings and morphologic variables of Oxford classification in immunoglobulin a nephropathy patients

H Nasri, Y Madihi, A Merrikhi, A Gheissari... - ... journal of preventive ..., 2013 - ncbi.nlm.nih.gov

... Sections (Six-micron in thickness) were stained for immunofluorescence study with IgG, IgM ... and complement components in formalin fixed and paraffin embedded renal biopsy material by ... Nasri H. Comment on: Clinical, histopathological and immunofluorescent findings of IgA...

被引用次数: 8 相关文章 所有 9 个版本 引用

[HTML] Immunoglobulin A nephropathy and malaria Falciparum infection; a rare association

M Rafeian-Kopaei, H Nasri, F Alizadeh... - Iranian journal of ..., 2013 - ncbi.nlm.nih.gov

... In immunofluorescence (IF) study, prominent deposit of IgA antibody (3+ on a score of 0 to 3+) was ... JI, Kulsoom U, Ishaque M. Detection of immunoglobulins and complement components in formalin fixed and paraffin embedded renal biopsy material by ... [Acute renal failure and ...

被引用次数: 16 相关文章 所有 15 个版本 引用

The spectrum of glomerular diseases in the kingdom of Bahrain: an epidemiological study based on renal biopsy interpretation

A Al Arrayed, SM George, AK Malik, S Al Arrayed... - Transplantation ..., 2004 - Elsevier

... Sections of formalin-fixed paraffin-embedded tissue were stained using haematoxylin-eosin, periodic-acid ... The immunofluorescence microscopy panel included IgA, IgM, IgG, C3, C 1q, and ... of 490 kidney biopsies: data from the United Arab Emirates Renal Diseases Registry...

被引用次数: 20 相关文章 所有 7 个版本 引用

Simultaneous transjugular renal biopsy and hemodialysis catheter placement in patients with ARF



[All](#)[Images](#)[News](#)[Videos](#)[More ▾](#)[Search tools](#)

About 3,030 results (0.93 seconds)

## Scholarly articles for Immunofluorescence on paraffin embedded renal biopsies: Experience of a tertiary care center with review of literature

Significance of extracapillary proliferation in IgA- ... - [Rafieian-Kopaei](#) - Cited by 12

... transjugular **renal biopsy** and hemodialysis catheter ... - [Ahmed](#) - Cited by 7

Association of proteinuria with various clinical findings ... - [Nasri](#) - Cited by 9

### [PDF] Direct Immunofluorescence of Renal Biopsy - Jaypee Journals

[www.jaypeejournals.com/eJournals/ShowText.aspx?ID=6904&Type...](http://www.jaypeejournals.com/eJournals/ShowText.aspx?ID=6904&Type...)

... renal diseases. At our 900 bedded tertiary care referral center in North India, ... embedded in paraffin and then stained routinely with hematoxylin and eosin ...

Missing: literature

### Anti-phospholipase A2 receptor antibody in idiopathic membranous ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) ▸ [NCBI](#) ▸ [Literature](#) ▸ [PubMed Central \(PMC\)](#) ▾

by MR Ardalan - 2013 - Cited by 1 - [Related articles](#)

We suppose that it is too soon to discard a kidney biopsy in patients with Nephrotic syndrome. ... paraffin embedded renal biopsy material by immunofluorescence technique. ... kidney injury: A pediatric experience over 10 years at a tertiary care center. ... associated with Clopidogrel: A case report and review of the literature.

### Detection of immunoglobulins and complement components in ... - NCBI

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) ▸ [NCBI](#) ▸ [Literature](#) ▸ [PubMed Central \(PMC\)](#) ▾

by M Mubarak - 2012 - Cited by 12 - [Related articles](#)

Jul 1, 2012 - The major problem with formaldehyde fixation and paraffin embedding is ... At our centre, two cores of renal biopsies are routinely obtained for complete ..... The experience of Fogazzi et al. .... A method for the use of immunofluorescence on paraffin-embedded tissues. ... Please review our privacy policy.

Missing: tertiary care

[Get PDF \(87K\) - Wiley Online Library](#)

[全部](#)[图片](#)[新闻](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 3,000 条结果 (用时 0.56 秒)

## Google 学术: Immunofluorescence on paraffin embedded renal biopsies: Experience of a tertiary care center with review of literature

Significance of extracapillary proliferation in IgA- ... - Rafieian-Kopaei - 被引用次数: 12

... transjugular renal biopsy and hemodialysis catheter ... - Ahmed - 被引用次数: 7

Association of proteinuria with various clinical findings ... - Nasri - 被引用次数: 9

## Anti-phospholipase A2 receptor antibody in idiopathic membranous ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ [翻译此页](#)

作者: MR Ardalan - 2013 - 被引用次数: 1 - 相关文章

We suppose that it is too soon to discard a kidney biopsy in patients with Nephrotic syndrome. ... paraffin embedded renal biopsy material by immunoflourescence technique. ... kidney injury: A pediatric experience over 10 years at a tertiary care center. ... associated with Clopidogrel: A case report and review of the literature.

## [PDF] Direct Immunofluorescence of Renal Biopsy - Jaypee Journals

[www.jaypeejournals.com/eJournals/ShowText.aspx?ID...](http://www.jaypeejournals.com/eJournals/ShowText.aspx?ID...) - [翻译此页](#)

... renal diseases. At our. 900 bedded tertiary care referral center in North India, ... embedded in paraffin and then stained routinely with hematoxylin and eosin ...

缺少字词: literature

## [PDF] 38. Original Article (Clement) - Annals of International Medical and ...

[aimdrjournal.com/pdf/Vol1Issue3\\_38OA.pdf](http://aimdrjournal.com/pdf/Vol1Issue3_38OA.pdf) ▾ [翻译此页](#)

作者: DC Wilfred - 2015 - 相关文章

Syndrome- A Single Centre South Indian Study. ... patterns of glomerular lesions in renal biopsies from patients manifesting ... Methods: The study was conducted in a tertiary care hospital in South India ...