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Manuscript Type: ORIGINAL ARTICLE

Retrospective Cohort Study

Diagnosis of anorectal tuberculosis by polymerase chain reaction, GeneXpert and histopathology in 1336 samples in 776 anal fistula patients

Pankaj Garg, Ankita Goyal, Vipul Yagnik, Sushil Dawka, Geetha R Menon

Match Overview

1	Crossref 140 words Pankaj Garg, Mahak Garg, B. R. Das, Rashmi Khadapka ... Geetha R. Menon. "Perianal Tuberculosis", Diseases of the	3%
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Sep 01, 2016 · The histopathology of anal fistula tract epithelial lining of every operated patient was analyzed and other tests (real-time-polymerase chain reaction [RT-PCR], GeneXpert, and mycobacterial culture) were conducted in patients with high ...

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Author: Pankaj Garg

Publish Year: 2016

[Laboratory Diagnosis of Extra-pulmonary Tuberculosis \(EPTB ...](http://europepmc.org/articles/PMC4437077)

[europepmc.org/articles/PMC4437077 ▾](http://europepmc.org/articles/PMC4437077)

Apr 01, 2015 · These tests can be performed on the stored samples, and provide etiological diagnosis in short span of 6-8 h. It is a diverse group of tests wherein Mycobacterium is amplified by either the polymerase chain reaction (PCR) technique; Transcription mediated amplification (TMA), or other forms of nucleic acid amplification methods. PCR techniques ...

Cited by: 30

Author: Manju Purohit, Tehmina Mustafa

Publish Year: 2015

[\(PDF\) Gastrointestinal Tuberculosis with Anal and Perianal ...](https://www.researchgate.net/publication/51038283...)

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The histopathology of anal fistula tract epithelial lining of every operated patient was analyzed and other tests (real-time-polymerase chain reaction [RT-PCR], GeneXpert, and mycobacterial ...

[Human papillomavirus infection and anal carcinoma ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1886536)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1886536>

Abstract. To examine the association of human papillomavirus (HPV) infection with anal squamous cell carcinoma, the authors applied the highly sensitive polymerase chain reaction (PCR) and in situ hybridization (ISH) techniques to detect HPV DNA in formalin-fixed, paraffin-embedded tissues from 18 patients.

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Author: S. R. Zaki, R. Judd, I. M. Coffield, P. Gre

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Nontuberculous mycobacteria in fistula-in-ano: A new ...

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Sep 01, 2016 · The **histopathology** of anal fistula tract epithelial lining of every operated patient was analyzed and other tests (real-time-**polymerase chain reaction** [RT-PCR], **GeneXpert**, and mycobacterial culture) were conducted in **patients** with high ...

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Publish Year: 2016

Tissue polymerase chain reaction in diagnosis of ...

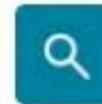
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Tissue polymerase chain reaction in diagnosis of ...

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Nontuberculous mycobacteria in fistula-in-ano: A new ...

<https://www.sciencedirect.com/science/article/pii/S2212553116300309>

Sep 01, 2016 · The **histopathology** of anal fistula tract epithelial lining of every operated patient was analyzed and other tests (real-time-polymerase chain reaction [RT-PCR], GeneXpert, and mycobacterial culture) were conducted in **patients** with high index of suspicion of having mycobacterial disease.

Cited by: 4

Author: Pankaj Garg

Publish Year: 2016

Mycobacterium Tuberculosis Complex

www.antimicrobe.org/ms06.asp ▾

The Xpert MTB/RIF (Cepheid, USA), an automated microfluidic real-time **polymerase chain reaction** assay, is able to detect M. **tuberculosis** complex DNA and resistance to rifampicin within 2 hours, thus showing potential for future deployment as a point-of-care test in resource-limited settings.

A systemic review on tuberculosis - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S0019570720300305>

Jul 01, 2020 · M. **tuberculosis** bacilli have infected nearly 1/3rd of the world's population with 10% lifetime risk of developing TB disease. 19 Globally 10.4 million cases of TB reported in 2017, accounting to 133 cases/1,00,000 population, of which 90% of cases were adults (aged ≥15 years), 64% were male, 9% were people living with HIV (72% of them in Africa) [].

Cited by: 2

Author: Arvind Natarajan, P.M. Beena, Anushka V. D...

Publish Year: 2020