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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

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|---|--|-----|
| 1 | <b>Crossref</b> 140 words<br>Pankaj Garg, Mahak Garg, B. R. Das, Rashmi Khadapka ...<br>Geetha R. Menon. "Perianal Tuberculosis", Diseases of the              | 3%  |
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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 ...

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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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## 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.

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Author: Pankaj Garg

Publish Year: 2016

## Mycobacterium Tuberculosis Complex

[www.antimicrobe.org/ms06.asp](http://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