



[Home](#) [My Profile](#) [Registration](#) [Products](#) [Article Submission](#) [Usage Statistics](#)

[Price List 2016](#) [News & Events](#) [About us](#) [Contact Us](#) [Tutorial](#)

Email id



[Journal Home](#)

[Current Issue](#)

[Archive](#)

[TOC](#)

[Prev Article](#)

[Next Article](#)

[Registration](#)

[Subscribe](#)

[Editorial Board](#)

[Aims & Scope](#)

[Author](#)

[Guidelines](#)

[News & Events](#)

[Subscribe TOC](#)

[Alerts](#)

*Article  
Submission*

FREE

[Sample Issue](#)

[Trial Access](#)

Indian Journal of Public Health Research & Development

Year : 2011, Volume : 2, Issue : 2

First page : ( 117) Last page : ( 121)

Print ISSN : 0976-0245. Online ISSN : 0976-5506.

## Prostatic intraepithelial neoplasia: Association with benign prostatic hypertrophy and carcinoma prostate

Patil Sunita Y<sup>\*\_\*</sup>, Assistant Professor, Jadhav Meena

N<sup>\*\*</sup>, Professor, Naik Veena<sup>\*\*\*</sup>, Patil S.B.<sup>\*\*\*\*</sup>, Professor, Sanjeev

Reddy M<sup>\*\*\*\*\*</sup>, Assistant Professor, Malipatil Rajeev A<sup>\*</sup>, Assistant Professor

\* Department of Pathology, Jawaharlal Nehru Medical College, KLE University, Belgaum, Karnataka.

\*\* Department of Pathology, Belgaum Institute of Medical Sciences, Belgaum, Karnataka.

\*\*\* Department of Oral Pathology, V.K. Institute of Dental Sciences, KLE University, Belgaum, Karnataka.

\*\*\*\* Department of Urology, BLDEA's Shri B.M. Patil Medical College, Bijapur, Karnataka.

\*\*\*\*\* Department of Pathology, Khaja Bande Nawaz Institute of Medical sciences, Gulbarga, Karnataka.

\*Address of Corresponding Author: Dr. Sunita Y. Patil Assistant Professor, Dept of Pathology J.N. Medical College, KLE University Belgaum- 590010, Karnataka, India. [drsunitapatil@yahoo.co.in](mailto:drsunitapatil@yahoo.co.in) Ph: +919845284106

Online published on 1 October, 2011.

### Abstract

The search for the precursors of prostatic adenocarcinoma has focused on two lesions, prostatic intraepithelial neoplasia (PIN) and atypical adenomatous

hyperplasia (AAH). The present study aims to identify PIN and to study its association with Benign Prostatic Hypertrophy (BPH) and adenocarcinoma. It also focuses on different architectural patterns of High grade PIN (HGPIIN).

A total of 200 specimens were studied from August 2001 to July 2006. The prostate specimens in the form of biopsy, whole prostatectomy and transurethral resection of prostate were included. The tissue was routinely processed and stained.

PIN was seen in 36.6% of cases of BPH and 82.6% of cases of adenocarcinoma. Low Grade PIN (LGPIN) was more commonly associated with BPH (27.3%) and HGPIIN with adenocarcinoma (66.6%). HGPIIN is a most likely precursor of adenocarcinoma

The most commonly observed pattern of High grade PIN was tufting (40%). Pattern of PIN has no prognostic significance.

[Top](#)

## Keywords

Premalignant lesions, Prostatic Intraepithelial Neoplasia, Benign Prostatic Hypertrophy, Prostatic carcinoma.

[Top](#)[Buy Now](#)[PDF](#)

[|| Site map || Privacy Policy || Copyright || Terms & Conditions ||](#) 

163,005,189 visitor(s) since 30<sup>th</sup> May, 2005.

All rights reserved. Site designed and maintained by [DIVA ENTERPRISES PVT. LTD.](#)

Note: Please use Internet Explorer (6.0 or above). Some functionalities may not work in other browsers.