

**PREVALENSI KARSINOMA PROSTAT DITINJAU DARI
USIA, GEJALA KLINIK, KADAR PSA, DIAGNOSIS AWAL
DAN GRADING HISTOPATOLOGIS
DI RUMAH SAKIT IMMANUEL BANDUNG
PERIODE 1 JANUARI 2003 - 31 MEI 2010**

Kata Kunci: karsinoma prostat, prevalensi, kadar PSA, grading histopatologis

ABSTRACT

PREVALENCE OF PROSTATE CANCER AND THE CORRELATION WITH AGE, SYMPTOMS, PSA LEVEL, EARLY DIAGNOSIS, AND HISTOPATHOLOGICAL GRADING AT IMMANUEL HOSPITAL BANDUNG PERIOD 1 JANUARY 2003 – 31 MAY 2010

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Prostate cancer is the most common visceral cancer in men and the second leading cause of cancer-related death in 80% of men over age 50 years, after lung cancer. In addition to these lethal neoplasms, there is an even more frequent anatomic form of prostatic cancer in which a microscopic focus of cancer is discovered as an incidental finding, either at postmortem examination or in surgical specimen that was removed for other reason (e.g., nodular hyperlasia). The cancer rarely causes symptoms before getting worse, therefore, early examination is mandatory for diagnosis.

The aim of this study is to determine the prevalence of prostate cancer on distribution characteristics, based on age, clinical findings, early diagnosis, and the correlation between age, PSA level, and histopathological grading at Immanuel Hospital Bandung , for period 1 January 2003 to 31 May 2010.

The research method is a descriptive survey with retrospective design of the medical record of inpatients with prostate cancer at Immanuel Hospital Bandung, for period 1 January 2003 - 31 May 2010.

The results showed that in period 1 January 2003 - 31 May 2010, there were 31 cases of prostate cancer and 45.2% of the highest prevalence rate of age group occurred in 66-75 years, 33% of urinary retention as the most common clinical finding, and 88% of patients with >12 ng/ml PSA level.

Keywords: *prostate cancer, prevalence, PSA level, histopathological grading*

DAFTAR ISI

	Halaman
JUDUL	i
LEMBAR PERSETUJUAN	ii
SURAT PERNYATAAN	iii
ABSTRAK	iv
ABSTRACT	v
KATA PENGANTAR.....	vi
DAFTAR ISI.....	viii
DAFTAR TABEL	xii
DAFTAR GAMBAR.....	xiii
DAFTAR LAMPIRAN	xv
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Identifikasi Masalah	2
1.3 Maksud dan Tujuan Penelitian	2
1.3 Maksud Penelitian	2
1.3 Tujuan Penelitian	2
1.4 Manfaat Karya Tulis Ilmiah	3
1.4.1 Manfaat Akademis	3
1.4.2 Manfaat Praktis.....	3
1.5 Metodologi	3
1.6 Waktu dan Tempat Penelitian	3
BAB II TINJAUAN PUSTAKA	4
2.1 Kelenjar Prostat	4
2.1.1 Embriologi dan Perkembangan Prostat	4
2.1.2 Anatomi.....	4
2.1.3 Histologi	7
2.1.4 Fisiologi	8

2.2 Karsinoma Prostat	9
2.2.1 Definisi Karsinoma Prostat	9
2.2.2 Insidensi, Prevalensi dan Mortalitas	9
2.2.3 Etiologi	10
2.2.4 Gejala Klinis	12
2.2.5 Deteksi Dini.....	13
2.2.6 Gambaran Makroskopis	14
2.2.7 Histopatologis.....	15
2.2.7.1 Gambaran Arsitektur	16
2.2.7.2 Gambaran Inti.....	16
2.2.7.3 Gambaran Sitoplasma	17
2.2.7.4 Gambaran Intraluminal	17
2.2.7.5 Varian Karsinoma	18
2.2.7.5.1 Varian Atropik	18
2.2.7.5.2 Varian <i>Pseudohyperplastic</i>	19
2.2.7.5.3 Varian <i>Foamy gland</i>	20
2.2.7.5.4 Varian <i>Colloid dan Signet ring</i>	21
2.2.7.5.5 Varian <i>Oncocytic</i>	23
2.2.7.5.6 Varian <i>Lymphoepithelioma</i>	23
2.2.7.5.7 Varian <i>Sarcomatoid</i>	23
2.2.8 Gleason Grade	24
2.2.9 Faktor Prognostik	29
2.2.9.1 Klasifikasi TNM.....	29
2.2.9.2 Tingkat Diferensiasi Karsinoma.....	31
2.2.9.3 Tingkat PSA Dalam Serum	31
2.2.10 Imunohistokimia.....	32
2.2.10.1 <i>Prostate Specific Antigen (PSA)</i>	33
2.2.10.2 <i>Prostatic Acid Phosphatase (PAP)</i>	33
2.2.10.3 Keratin 34 β E12	34
2.2.10.4 p63.....	35
2.2.10.5 <i>Alpha Methylacyl Co-A Racemase (AMACR)</i>	36

2.2.10.6 Reseptor Androgen.....	36
2.2.10.7 p53.....	37
2.2.11 Pengobatan	39
BAB III METODOLOGI PENELITIAN	40
3.1 Metode Penelitian	40
3.2 Rancangan Penelitian	40
3.3 Teknik Pengambilan Data	40
3.4 Instrumen Penelitian	40
3.5 Sampel Penelitian	40
3.6 Kriteria Sampel Penelitian	41
3.7 Defenisi Operasional	41
3.8 Alur Penelitian	41
3.9 Teknik Analisis Data	42
BAB IV HASIL DAN PEMBAHASAN	43
4.1 Distribusi Karsinoma Prostat Berdasarkan Golongan Usia....	43
4.2 Distribusi Karsinoma Prostat Berdasarkan Keluhan Awal yang Dirasakan Penderita.....	45
4.3 Distribusi Karsinoma Prostat Berdasarkan Kadar PSA	46
4.4 Distribusi Karsinoma Prostat Berdasarkan Diagnosis Awal.....	47
4.5 Distribusi Penderita Karsinoma Prostat Berdasarkan <i>Gleason score</i>	48
4.6 Distribusi Data Penderita Karsinoma Prostat Berdasarkan Umur dan <i>Gleason score</i>	49
BAB V SIMPULAN DAN SARAN	50
5.1 Kesimpulan	50
5.2 Saran	50

DAFTAR PUSTAKA.....	51
LAMPIRAN.....	54
RIWAYAT PENULIS.....	73

DAFTAR TABEL

	Halaman
Tabel 4.1 Distribusi Karsinoma Prostat Berdasarkan Golongan Usia.....	43
Tabel 4.2 Distribusi Karsinoma Prostat Berdasarkan Keluhan Awal yang Dirasakan Penderita.....	45
Tabel 4.3 Distribusi Karsinoma Prostat Berdasarkan Hubungan Usia dengan Kadar PSA.....	46
Tabel 4.4 Distribusi Karsinoma Prostat Berdasarkan Diagnosis Awal.....	47
Tabel 4.5 Distribusi Penderita Karsinoma Prostat Berdasarkan <i>Gleason score</i>	48
Tabel 4.6 Distribusi Data Penderita Karsinoma Prostat Berdasarkan Umur dan <i>Gleason score</i>	49

DAFTAR GAMBAR

	Halaman
Gambar 2.1. Anatomi zona dari kelenjar prostat yang dideskripsi oleh McNeal.....	6
Gambar 2.2. Histologi kelenjar prostat dengan pewarnaan haematoksilin dan eosin.....	8
Gambar 2.3. Makroskopis karsinoma prostat.....	15
Gambar 2.4. Karsinoma prostat dengan sitoplasma yang amphophilic dan inti membesar serta nukleoli yang menonjol.....	17
Gambar 2.5. Kristaloid intraluminal pada karsinoma prostat yang <i>low grade</i>	18
Gambar 2.6. Varian <i>atrophic</i>	19
Gambar 2.7. Varian <i>pseudohyperplastic</i>	20
Gambar 2.8. Varian <i>foamy gland</i>	21
Gambar 2.9. Varian <i>colloid</i>	22
Gambar 2.10. Varian <i>signet ring</i>	22
Gambar 2.11. Varian <i>sarcomatoid</i> (A) dengan formasi <i>osteoid</i> (B).....	24
Gambar 2.12. Gleason grade 1.....	25
Gambar 2.13. Gleason grade 2.....	26
Gambar 2.14. Gleason grade 3.....	27
Gambar 2.15. Gleason grade 4.....	28
Gambar 2.16. Gleason grade 5.....	28
Gambar 2.17. Gleason grade pada karsinoma prostat.....	29
Gambar 2.18. Imunohistokimia PSA pada epitel kelenjar prostat yang normal (A) dan adenokarsinoma prostat yang poorly differentiated (B).....	33
Gambar 2.19. Imunohistokimia keratin 34βE12 pada epitel kelenjar prostat yang normal(A); PIN (B); karsinoma prostat (C).....	35

Gambar 2.20.Imunohistokimia p53 pada karsinoma prostat yang poorly differentiated.....	38
Gambar 2.21.Pewarnaan imunohistokimia p53 yang kuat (a) dan sedang (b).....	39

DAFTAR LAMPIRAN

	Halaman
Lampiran I. Data Rekam Medis Karsinoma Prostat di Rumah Sakit Immanuel Bandung Periode 1 Januari 2003 – 31 Mei 2010...	54
Lampiran 2. Surat Ijin Pengambilan Data di Bagian Rekam Medis Rumah Sakit Immanuel Bandung.....	72