

## **ABSTRAK**

### **MANIFESTASI KLINIS DAN GAMBARAN HISTOPATOLOGI KARSINOMA SEL SKUAMOSA KULIT**

Steven Edward Jayalaksana, 2020

Pembimbing I : Peter Nugraha, dr., Sp. KK., MHKes.

Pembimbing II: Laella Kinghua Liana, dr., Sp. PA., M. Kes.

Kanker kulit adalah pertumbuhan sel-sel kulit yang tidak terkendali. Sel-sel yang abnormal membelah secara tidak terkendali dan mampu menyebar ke jaringan sekitar. Kanker kulit secara garis besar dibagi menjadi kanker kulit nonmelanoma dan kanker kulit melanoma. Kasus baru kanker kulit nonmelanoma pada tahun 2018 sebanyak 1.046.056 kasus di dunia. Kanker kulit nonmelanoma yang paling banyak ditemukan adalah jenis karsinoma sel basal kemudian karsinoma sel skuamosa pada urutan kedua. Karsinoma sel skuamosa merupakan salah satu jenis kanker kulit nonmelanoma pada keratinosit epidermis yang mengalami keganasan dengan berbagai derajat diferensiasi. Predileksi tersering karsinoma sel skuamosa adalah kepala, bibir, telinga, dan lengan. Faktor risiko yang paling berperan adalah paparan sinar ultraviolet yang kronis. Karsinoma sel skuamosa memiliki manifestasi klinis berupa lesi plak atau nodul hiperkeratotik dengan sisik dan dasar eritem dan sering tampak gambaran *central plug*. Gambaran histopatologis berupa keratinosit atipik yang bermitosis dengan sitoplasma eosinofilik. Karsinoma sel skuamosa secara histopatologis dibagi menjadi karsinoma sel skuamosa *in situ*, keratoakantoma, *acantholytic squamous cell carcinoma*, *spindle cell squamous cell carcinoma*,  *verrucous squamous cell carcinoma*, *adenosquamous carcinoma*, *clear cell squamous cell carcinoma*, dan karsinoma sel skuamosa yang tidak dapat digolongkan.

Kata kunci: kanker kulit, kanker kulit nonmelanoma, karsinoma sel skuamosa

## ABSTRACT

### CLINICAL MANIFESTATIONS AND HISTOPATHOLOGICAL APPEARANCE OF SKIN SQUAMOUS CELL CARCINOMA

Steven Edward Jayalaksana, 2020

*Supervisor I : Peter Nugraha, dr., Sp. KK., MHKes.*

*Supervisor II: Laella Kinghua Liana, dr., Sp. PA., M. Kes.*

*Skin cancer is the uncontrolled growth of abnormal skin cells. Skin cells divide abnormally and spread through other tissues. In general, skin cancer is classified as non-melanotic skin cancer and melanotic skin cancer. In 2018, there are 1.046.056 new cases all over the world of non-melanotic skin cancer. Basal cell carcinoma is the most common form of skin cancer followed by squamous cell carcinoma in the second position. Squamous cell carcinoma is a form of non-melanotic skin cancer, it is a malignancy of epidermal keratinocytes that exhibits various degrees of differentiation. The sites most often affected are scalp, lips, ears, and arms. Ultraviolet radiation is the most common risk factor of squamous cell carcinoma. Clinical features of squamous cell carcinoma are hyperkeratosis nodule or plaque with scales and erythematous base where central plug appearance often be found. Histopathological appearance of squamous cell carcinoma are highly mitotic atypic keratinocytes with eosinophilic cytoplasm. Histopathological classification of squamous cell carcinoma are squamous cell carcinoma *in situ*, keratoacanthoma, acantholytic squamous cell carcinoma, spindle cell squamous cell carcinoma, verrucous squamous cell carcinoma, adenosquamous carcinoma, clear cell squamous cell carcinoma, other unclassified squamous cell carcinoma.*

*Keywords:* skin cancer, non-melanotic skin cancer, squamous cell carcinoma

## DAFTAR ISI

Halaman

<b>LEMBAR PERSETUJUAN.....</b>	.i
<b>SURAT PERNYATAAN.....</b>	.ii
<b>ABSTRAK.....</b>	.iii
<b>ABSTRACT.....</b>	.iv
<b>KATA PENGANTAR.....</b>	.v
<b>DAFTAR ISI.....</b>	.vii
<b>DAFTAR GAMBAR.....</b>	.ix
<b>DAFTAR TABEL.....</b>	.xi
<b>DAFTAR LAMPIRAN.....</b>	.xii
<b>BAB I PENDAHULUAN.....</b>	.1
1.1 Latar Belakang.....	.1
1.2 Masalah yang akan Dibahas.....	.3
<b>BAB II TINJAUAN PUSTAKA.....</b>	.6
2.1 Teori Dasar.....	.6
2.1.1 Anatomi Kulit.....	.6
2.1.2 Karsinogenesis.....	.7
2.2 Karsinoma Sel Skuamosa.....	.12
2.2.1 Definisi.....	.12
2.2.2 Faktor Risiko.....	.12
2.2.3 Epidemiologi.....	.13
2.2.4 Stadium Klinis.....	.14

2.2.5 Patogenesis.....	15
2.2.6 Manifestasi Klinis.....	17
2.2.7 Derajat Diferensiasi.....	18
2.2.8 Klasifikasi Histopatologis Karsinoma Sel Skuamosa.....	20
2.2.8.1 Karsinoma Sel Skuamosa <i>in situ</i> (Penyakit Bowen).....	20
2.2.8.2 Keratoakantoma.....	22
2.2.8.3 Karsinoma Sel Skuamosa Akantolitik.....	24
2.2.8.4 <i>Spindle Squamous Cell Carcinoma</i> .....	26
2.2.8.5 <i>Verrucous Squamous Cell Carcinoma</i> .....	27
2.2.8.6 <i>Adenosquamous Cell Carcinoma</i> .....	29
2.2.8.7 <i>Clear Cell Squamous Cell Carcinoma</i> .....	30
2.2.8.8 Karsinoma Sel Skuamosa Jenis Lainnya.....	32
2.2.9 Penatalaksanaan Karsinoma Sel Skuamosa.....	33
<b>BAB III PENUTUP.....</b>	<b>35</b>
<b>DAFTAR PUSTAKA.....</b>	<b>37</b>
<b>LAMPIRAN.....</b>	<b>43</b>

## DAFTAR GAMBAR

	Halaman
Gambar 2.1 Anatomi Kulit.....	7
Gambar 2.2 Gen-Gen yang Berperan dalam Karsinogenesis.....	8
Gambar 2.3 Mekanisme Aktivasi Proto-Onkogen.....	9
Gambar 2.4 Jalur <i>Wnt/β-Catenin</i> .....	9
Gambar 2.5 Gen p53.....	10
Gambar 2.6 Karsinogenesis.....	11
Gambar 2.7 Manifestasi Klinis Karsinoma Sel Skuamosa.....	17
Gambar 2.8 Penampakan Histopatologis Karsinoma Sel Skuamosa.....	18
Gambar 2.9 Karsinoma Sel Skuamosa Diferensiasi Sedang .....	19
Gambar 2.10 Karsinoma Sel Skuamosa Diferensiasi Baik.....	19
Gambar 2.11 <i>Keratin Pearl</i> .....	20
Gambar 2.12 Manifestasi Klinis Penyakit Bowen.....	21
Gambar 2.13 Penampakan Histopatologis Penyakit Bowen.....	21
Gambar 2.14 Manifestasi Klinis Keratoakantoma.....	23
Gambar 2.15 Penampakan Histopatologis Keratoakantoma.....	23
Gambar 2.16 Penampakan Histopatologis Karsinoma Sel Skuamosa Akantolitik.....	25
Gambar 2.17 Penampakan Histopatologis Karsinoma Sel Skuamosa Akantolitik.....	25
Gambar 2.18 Manifestasi Klinis <i>Spindle Cell Squamous Cell Carcinoma</i> .....	26
Gambar 2.19 Penampakan Histopatologis <i>Spindle Cell Squamous Cell Carcinoma</i> .....	27
Gambar 2.20 Manifestasi Klinis <i>Verrucous Squamous Cell Carcinoma</i> .....	28

Gambar 2.21 Penampakan Histopatologis <i>Verrucous Squamous Cell Carcinoma</i> .....	28
Gambar 2.22 Penampakan Histopatologis <i>Adenosquamous Carcinoma</i> .....	29
Gambar 2.23 Gambaran Struktur Berbentuk Kelenjar pada <i>Adenosquamous Carcinoma</i> .....	30
Gambar 2.24 Penampakan Histopatologis <i>Clear Cell Squamous Cell Carcinoma</i> .....	31
Gambar 2.25 Pewarnaan PAS pada <i>Clear Cell Squamous Cell Carcinoma</i> .....	31
Gambar 2.26 Penampakan Histopatologis <i>Pseudovascular Squamous Cell Carcinoma</i> .....	32
Gambar 2.27 Penampakan Histopatologis <i>Lymphoepithelioma-like Carcinoma</i> .....	33
Gambar 2.28 Terapi Karsinoma Sel Skuamosa menurut <i>American Academy of Dermatology</i> .....	34

## **DAFTAR TABEL**

<b>Tabel</b>	<b>Halaman</b>
2.1 Stadium Karsinoma Sel Skuamosa.....	14
2.2 Penilaian Stadium Karsinoma Sel Skuamosa.....	15



## **DAFTAR LAMPIRAN**

### **Halaman**

Lampiran 1 Riwayat Hidup.....43

