

## **Psoriasis**

Psoriasis may be divided into psoriasis vulgaris, generalized pustular psoriasis, and localized pustular p

Psoriasis Vulgaris Clinical Features

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
Psoriasis vulgaris is a common chronic inflammatory skin disorder that affects approximately 1.5% to 2%

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associated with acute group A ~-hemolytic streptococcal infections . Involvement of the nails	s is commor

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Psoriatic arthritis characteristically involves the terminal interphalangeal joints, but frequently the large joints
Generalized Pustular Psoriasis
Clinical Features
Generalized pustular psoriasis includes (a) acute generalized pustular psoriasis (von Zumbusch type an



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Very rarely, children devietkapontijenænrelljizveret rpilæspulatrutilsersia apisatiscillatis kimen volis æasse has a benign course with
Localized Pustular Psoriasis
Clinical Features

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There are three types of I	ocalized pustular	psoriasis: (a)	"psoriasis with	n pustules", in v	which only on

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Psoriasis and Acquire Climical roctations new Syndrome

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The association between psoriasis and human in Entenside fier of the transide

Psoriasis Vulgaris

Histopathology

Spongiform pustules of Kagoj in Psoriasis = 0000000000000000000000000000000000	
The histologic picture of psoriasis vulgaris varies consid	erably with the stage of the lesion and usually
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The earliest pinhead-sized macules or smooth-surfaced	papules snow subtle histologic changes with a



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In the fully developed lesions of psoriasis, as best seen at the margin of enlarging plaques, the histolog



Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000 00000 00 00000
show thickening ("clubbing") in their lower portion. Not infrequently, adjacent rete ridges seem to coales

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000 000000 00 00000
The suprapapillary epidermis appears relatively thin in comparison with the markedly elongated rete rid

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
In some instances the cornified layer consists entirely of confluent parakeratosis forming a platelike sca
g a panema and
Munro microabscesses are located within the parakeratotic areas of the cornified layer . They consist of

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
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The dermal papillae, in accordance with the elongation and basal thickening of the rete ridges, are elo

An entirely typical histologic picture as described earlier is not always found, even if the biopsy specime
indicates a fluctuation in the activity of the psoriasis.
The bleeding points that may be produced by gentle scraping of the skin (Au spitz sign) correspond to the

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
Guttate or eruptive psoristsies the histologic features of an early or active lesion of psoriasis, where the
The histologic picture of <i>erythrodermic psoriasis</i> in some instances shows enough of the characteristics
Generalized Pustular Psoriasis

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Histopathology	

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000 000000 00 00000
Whereas in ordinary psoriasis the spongiform pustule of Kogoj is a very small micropustule and is seen



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In the healing stage, the lesions of all types of generalized pustular psoriasis may present the same his
Localized Pustular Psoriasis

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000	
Histopathology	
In the variants of localized pustular psoriasis "psoriasis with pustules" and localized annular pustular	os
In localized acrodermatitis continua of Hallopeau, the nail bed is mainly affected, showing marked epit	he

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
Very early lesions may show spongiosis and exocytosis of lymphocytes in the lower epidermis overlying
Psoriasis and Acquired Immunodeficiency Syndrome

Spongiform pustules of Kagoj in Psoriasis = 0000000 00000000000000000000000000
Histopathology
The histologic picture in most cases is similar to that of psoriasis. In others, the histologic sections may

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Pathogenesis	of	Psoriasis Vulgaris	
ramogenesis	OI .	rsonasis vulgaris	
Although the cause o	f psoriasis is unkn	own, there is increasing evidence of a complex i	nteraction amor

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Electron Microscopy

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The earliest recognizable morphologic events in psoriasis have been investigated in lesions that cleared



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Ultrastructural studies of the spongiform pustule of Kogoj, one of the most characteristic histologic struc
The ultrastructure of the capillary loops in the dermal papillae shows them to be different from normal c

Spongiform pustules of Kagoj in Psoriasis	
<b>Epidermal Cell Cycle Kinetics</b>	

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The rate of epidermal cell replication is markedly accelerated in active lesions of psoriasis, as shown by



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100% of the germinative cells of the epidermis enter the growth fraction instead of only 60% for norma
100 % of the germinative cells of the epidernils effect the growth fraction instead of only 00 % for horma
The source of the cycling cells in the suprabasal layers of the epidermis is not well defined. They could



Spongiform pustules of Kagoj in Psoriasis	
Keratinocyte Differentiation	

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Keratinocytes ur	ndergo the proces	ss of different	iation as they	migrate upwa	ard through the	epidermis fror

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Immunopathology	

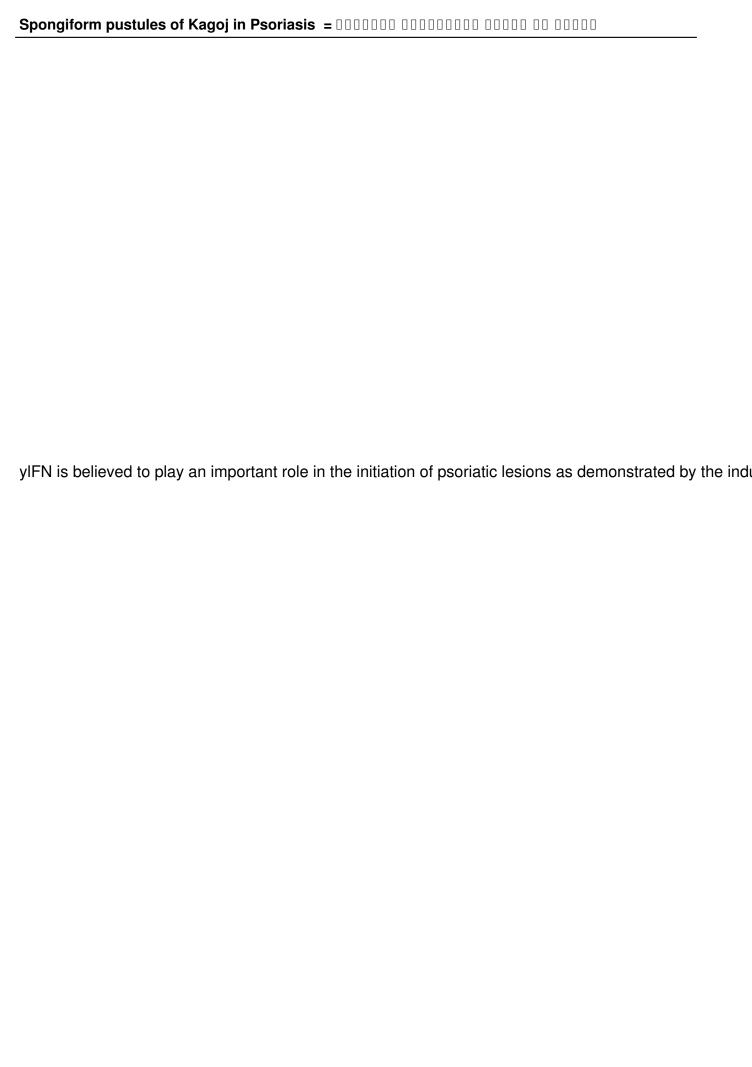
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Immunologic factors playa very important role in the pathogenesis of psoriasis. Psoriasis is now req	garae

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CD4+ I cells produce a variety of cytokines,	s, including interleukin-2 (IL-2), tumor necrosis factor-a (TN F

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Keratinocytes stimulated by TNFa may produce IL-B, which is a potent T-lymphocyte and neutrophil che



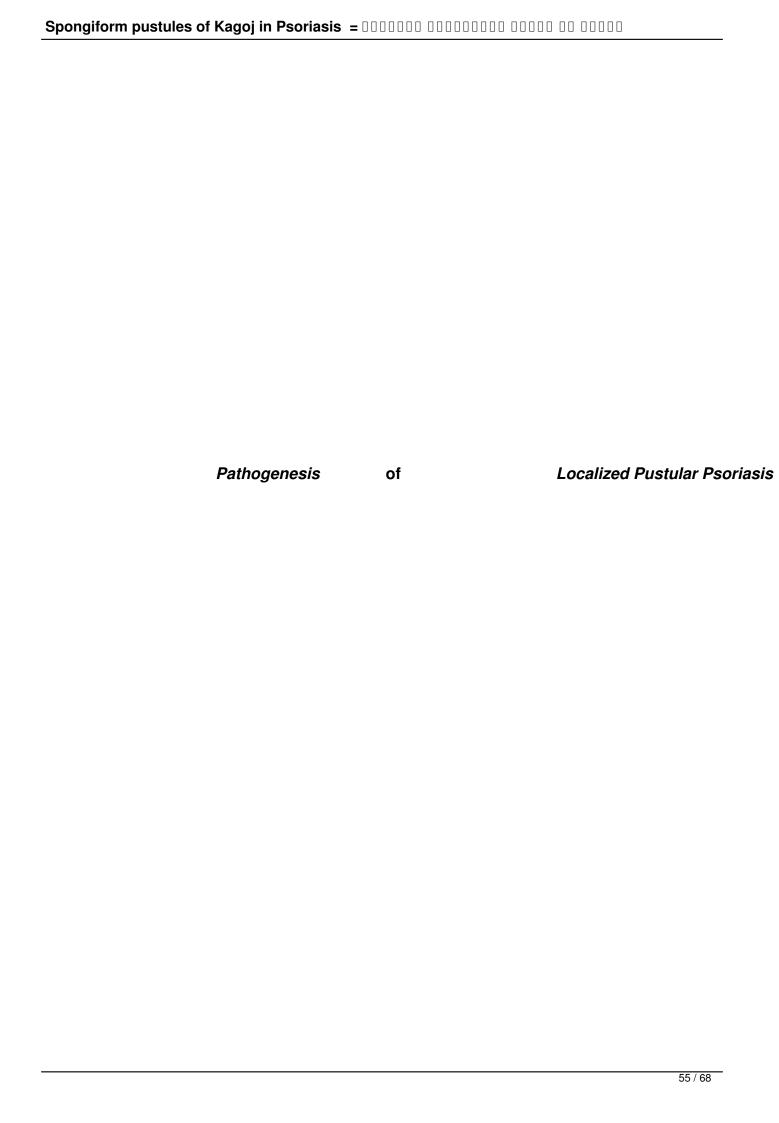






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not to be responsive to the growth inhibitio	n effects of vIFN	l. leading to their	r hyperproliferative	state in th
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. Paradoxically, as T-helper cell counts decline, it appears that psoriatic lesions exacerbate until a prete











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Because of the clinical and, particularly, th	he histologic resemblance of the tongue lesions in pustula
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