

Differential Diagnoses by lesion.

Problems

Macules

melanotic

Differentials

post-inflammatory
lentigo
early melanoma
sex hormone dermatoses

depigmented

post-inflammatory
immune-mediated (lupus)
vitiligo
drug eruption

erythematous

any acute dermatitis (allergic,
parasitic, autoimmune,
bacterial)

hemorrhagic

thrombocytopenia
coagulopathy
vasculitis

Patch

same differentials as for macules

Papules

parasites
pyoderma (follicular papules)
allergic (flea, food, contact)
causes of feline miliary
dermatitis
early neoplasia
calcinosis cutis
sterile pyogranuloma

Plaque

same as for papules
seborrhea
calcinosis cutis

Nodule

bacterial
fungal
neoplastic
panniculitis (infectious, sterile)
calcinosis cutis
sterile pyogranuloma

Tumor

neoplasia

Pustule

follicular

pyoderma
demodicosis
dermatophytosis
sterile eosinophilic pustulosis

Problems

nonfollicular

Differentials

pyoderma

		pemphigus foliaceus sterile eosinophilic pustulosis drug eruption
<u>Abscess</u>		bacterial fungal sterile panniculitis
<u>Vesicle</u>		autoimmune viral chemical irritants drug eruption
<u>Bulla</u>		same as for vesicle
<u>Cyst</u>		follicular (epidermal inclusion) cyst apocrine sweat gland cyst sebaceous cyst - rare!
<u>Wheal</u>		allergic or non-allergic urticaria
<u>Angioedema</u>		allergic or non-allergic lymphedema
<u>Scale</u>		investigate causes of seborrhea
<u>Follicular cast</u>		investigate causes of seborrhea
<u>Epidermal collarettes</u>		remnants of pustules, vesicles, bullae slowly expansive superficial "spreading" pyoderma
<u>Crust</u>		
	hemorrhagic	self trauma pyoderma (furunculosis) fungal immune mediated drug eruption allergic parasitic
	yellow	pyoderma pemphigus foliaceus <u>Malassezia</u>
	footpads	pemphigus foliaceus zinc responsive hepatocutaneous syndrome (metabolic epidermal necrosis) distemper
<u>Problems</u>		<u>Differentials</u>
<u>Scar</u>		previous severe damage to skin

<u>Erosion</u>	self trauma immune-mediated post-rupture of subcorneal pustule/vesicle
<u>Ulcer</u>	severe trauma deep pyoderma fungal neoplasia feline eosinophilic granuloma immune mediated
<u>Excoriation</u>	self trauma
<u>Lichenification</u>	chronic trauma to epidermis (usually 2° to pruritus)
<u>Draining sinus tracts</u>	deep pyoderma fungal mycobacteriosis sterile panniculitis osteomyelitis
<u>Hyperpigmentation</u>	post-inflammatory trauma endocrine disease lentigo melanoma
<u>Hypopigmentation</u>	post-inflammatory immune mediated leukoderma vitiligo
<u>Hyperkeratosis</u>	callus
footpads	pemphigus foliaceus zinc responsive hepatocutaneous syndrome (metabolic epidermal necrosis) distemper old age change
<u>Fissure</u>	trauma disease
<u>Comedo</u>	endocrine seborrhea demodicosis
<u>Problems</u>	<u>Differentials</u>
<u>Alopecia</u>	
multifocal	pyoderma

symmetrical

demodicosis
dermatophytosis
self trauma

endocrinopathies
telogen defluxion
anagen defluxion
follicular dysplasias
self trauma
other