

Table Causes of Perioral Dermatitis

Causes of perioral dermatitis include but are not limited to the diseases listed. Except for intertrigo, these diseases may manifest without perioral involvement.

| <i>Disease</i> | <i>Clinical signs</i> | <i>Locations, other signs</i> | <i>Age</i> | <i>Breed predisposition</i> |
|---|---|--|------------|--|
| Cutaneous epitheliotropic lymphoma | Alopecia Crusts Depigmentation Erosions, ulcers Erythema Plaques Scales | Any cutaneous Footpads Lymphadenopathy Mucous membrane | Adult | Any |
| Demodex spp infection | | | | |
| Focal (<5 locations) | Erythema | Any, often facial | <1 year | |
| Generalized (>5 locations/pedal/regional) | Alopecia Comedones Crusts Nodules (advanced) Papules Pustules Scales Ulcers (advanced) | Any cutaneous Ear canal | Any | Shar-pei Staffordshire bull terrier |
| Dermatophytosis | Crusts Erythema Papules Pustules Scales | Any cutaneous | Any | Parson Russell terrier Yorkshire terrier |
| Hypersensitivity | | | | |
| Atopic dermatitis and/or cutaneous adverse food reaction (CAFR) | Erythema* Pruritus* Scales | Axillae Ear canals Facial, periocular Groin Interdigital Perianal Ventral neck | Any | Any |
| Immune-mediated cutaneous drug eruption | Any | Any | Any | |
| Immune-mediated discoid lupus erythematosus | Crusts Depigmentation Erosion Erythema Scales | Facial, pinnal Footpads (rare) Nasal planum* Periocular | Adult | |
| Immune-mediated juvenile cellulitis | Alopecia Crusts Nodules Plaques Pustules | Lameness Muzzle Pain Periocular Pinnae Purulent otitis Pyrexia Submandibular lymphadenopathy* | 1–3 months | Dachshund Golden retriever Gordon setter |

*Feature occurs in nearly all cases

| <i>Disease</i> | <i>Clinical signs</i> | <i>Locations, other signs</i> | <i>Age</i> | <i>Breed predisposition</i> |
|---|---|--|------------|---|
| Immune-mediated pemphigus foliaceus or erythematosus | Crusts Erythema Pustules | Facial, pinnal Footpads Generalized Nasal planum | Adult | Akita Chow chow Cocker spaniel English bulldog Labrador retriever |
| Immune-mediated uveodermatologic syndrome | Crusts Depigmentation Erythema | Footpad Nasal planum Periocular Uveitis* | Adult | Akita Malamute Samoyed |
| Lip fold intertrigo | Crusts Deep, redundant lip fold* Depigmentation Erosions, ulcers Moist erythema Purulent exudate | | Adult | Basset hound Saint Bernard Spaniels |
| Mucocutaneous pyoderma | Cheilitis Crusts Depigmentation Erosions, ulcers Erythema Fissures | Anus Nares Periocular Vulva/prepuce | Any | German shepherd dog |
| Superficial necrolytic dermatitis | Crusts Erosions, ulceration Erythema Hyperkeratosis Scales | Footpad* Hepatopathy or glucagonoma* Hocks Perianal Pinna Lateral elbow | Adult | Any |
| Vesiculobullous dermatosis | | | | |
| Bullous pemphigoid | Ulcers | Mucocutaneous | | |
| Epidermolysis bullosa acquisita | Vesicles | Oral cavity | | |
| Mucous membrane pemphigoid | Crusts Pain | Footpad Facial, pinnal | | |
| Pemphigus foliaceus | Bullae | Generalized | Adult | Any |
| Vitiligo | Depigmentation Leukotrichia | Any cutaneous Mucous membrane | Adult | Doberman pinscher Rottweiler |
| Zinc-responsive dermatosis | Crusts Erythema Hyperkeratosis Scales | Facial Footpads Nasal planum Periocular | Any | Alaskan husky Malamute |

Note: Other lesions may occur with secondary bacterial or *Malassezia* spp overgrowth.

*Feature occurs in nearly all cases