

**TABLE 1****Antipruritic and Anti-inflammatory Medications for Dogs**

Drug Name	Oclacitinib <sup>1</sup>	Lokivetmab <sup>2</sup>	Cyclosporine <sup>3</sup>	Glucocorticoids <sup>4</sup>
<b>Mode of action</b>	JAK-STAT inhibitor that blocks signaling from proinflammatory and pruritogenic cytokines	Caninized monoclonal antibody that neutralizes the pruritogenic cytokine IL-31	Calcineurin inhibitor that modulates T-cell function	Influences gene expression of proinflammatory cytokines
<b>Administration</b>	PO q 12 hr up to 14 days, then reduce to q 24 hr	SC injection at veterinary office q 4-8 wk	PO q 24 hr	PO q 12-24 hr with taper Injectable not recommended
<b>Time to onset</b>	Hours	Hours to 3 days	4-6 wk	Hours
<b>Age</b>	>1 yr	Any	>6 mo	Any
<b>Weight</b>	>3 kg	Any	>1.8 kg	Any
<b>Health restrictions</b>	History of demodicosis History of neoplasia Serious infection	None	History of neoplasia Renal insufficiency	Congestive heart failure Diabetes mellitus Hyperadrenocorticism Hypertension
<b>Adverse reactions</b>	Vomiting Diarrhea Nonspecific dermal masses Demodicosis Pyoderma	Vomiting Diarrhea Lethargy Pain at injection site Rare: Hypersensitivity effects (urticaria, facial edema, anaphylaxis)	Vomiting Diarrhea Gingival hyperplasia Hirsutism Cutaneous papillomatosis Drug interactions	Polyuria/polydipsia Polyphagia Panting Obesity Muscle wasting Iatrogenic hyperadrenocorticism Congestive heart failure

JAK-STAT, Janus kinase signal transducers and activators of transcription; PO, orally; SC, subcutaneously.

1 Apoquel (oclacitinib tablet). Package insert. Zoetis, 2020.

2 Cytopoint. Package insert. Zoetis, 2015.

3 Atopica (cyclosporine capsules). Package insert. Elanco, 2020.

4 Saridomichelakis MN, Olivry T. An update on the treatment of canine atopic dermatitis. *The Vet Jour.* 2016;207:29–37.

**The 2023 AAHA Management of Allergic Skin Diseases Guidelines are available at [aaha.org/allergic-diseases](http://aaha.org/allergic-diseases).**

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