

The Itch Clinic Pharmacy

Itch - Allergy Meds

Cytopoint - 40mg vials

This monoclonal antibody blocks IL-31 and has almost no side-effects

This should be tried at least once on every itch dog

Can control pruritus for 1-6 months with no way to predict

Controls pollen/grass allergy. (Atopy)

Does not work well for food allergy, insect allergies, otitis, aural lick granuloma

Seems to work longer from The Itch Clinic - likely due to temperature sensitivity and higher mg/ml concentration

Ceterizine 10mg

This is generic human adult Zyrtec that can be given every morning or every 12 hours

OTC options to replace include generic Allegra and Claritin

Allegra is a good substitute

Diphenhydramine 50mg

This is high dose generic Benadryl - typical OTC human size is 25mg

Alternatives to diphenhydramine include hydroxyzine (RX) and Chlorpheniramine

Chlorpheniramine 4 mg

This is an older human generic antihistamines that is best options for cats

and can be added to boost or replace diphenhydramine

Dextromethorphan - Cough tablets

This is the sleepy ingredient in NyQuil and can help reduce itch and promote sleep in dogs

Added to other antihistamines to boost anti-itch benefits and promote sleeping rather than itching

Fluoxetine and Gabapentin

These can be useful to treat OCD or neurological triggers for itch

Relatively safe but may cause sedation

Do not need to taper dose but must be administered daily of itch control

Gabapentin is controlled drug in some states

Useful for aural lick granulomas

Dexamethasone

Always try to minimize steroid use and long-term treatment needs yearly lab work

This is a steroid with fewer side-effects than prednisone or prednisolone

This usually is either 4mg tablets or 1.5mg tablets and can change so always check and adjust the dose

Injectable Dex SP is available for injection (cats or after IDAT) or oral treatment in cats

The injectable is added to trizEDTA and DMSO for topical therapy (usually with enrofloxacin)

For Dogs

The tablets can be administered every morning for 3-5 days for severe itch/allergy flares then stopped - tapering the dose is not necessary if less than 1 week dosing

For long-term control - the dex tablets can be administered every Sat+Sunday morning

For Cats

Tablets can be administered every day for 3-5 days

Long-term therapy would most likely be every 2-3 days

Many cats refuse oral medications and injectable Dex SP is a good option

Magic Oatmeal lotion/conditioner

This is a compounded oatmeal conditioner with Duoxo Mousse/Miconahex Spray (chlorhexidine + Clombimazole/miconazole) added to prevent infections

This should be used after every bath and can be used as a leave-on-lotion

Topical butorphenol did not improve benefits.

Genesis Spray

This is a denatured alcohol (will not sting) with triamcinolone

This is a miracle product and treats itch and bacteria and yeast every 12 hours or PRN

It can be applied anywhere except eye-balls

2-3 drops treat hand size area of skin

Antifungals

Ketoconazole

This is best option for dogs but makes cats vomit

Can be administered every day for 30-90 days for treatment

Can be administered every other day or every Sat+Sun or week-on-week-off for prevention

Available in 200mg and 400mg tablets

This has a black-box FDA warning for humans but is very safe in dogs

Terbinafine 250mg

This is generic Lamisil (topical or oral) use for toe-nail fungus in humans
Less problematic for liver and metabolic issues compared to ketoconazole
Can be administered every 12-24 hours (pulse therapy is not effective)
This is the best option for cats and dermatophyte infections

Itrafungal - itraconazol

This is a oral feline liquid designed to treat dermatophytosis
This is safe and most owners can administer to cats
therapy usually requires 3 months of total treatment duration

Fluconazole

This can replace terbinafine but is often much more expensive

Antibiotics

Clindamycin

This is one of the best safest abs for dogs and can help prevent the development of MRSA
Must be administered every 12 hours for at least 3-4 weeks

Cefpodoxime

This is an excellent daily abc with very few side-effects
Can be expensive in big dogs - ideal for small breeds
Can be administered to cats

Mupiricin ointment

More effective for Staph including MRSA than other abx ointments
Used as into-nasal therapy for humans with MRSA
Very safe

Cephalexin

This is the most common antibiotics used by primary care clinics
Must be administered every 8-12 hours for 3-4 weeks at least
If administered with ketoconazole - some dogs will vomit

Convenia injection

Very good treatment option for cats and small dogs
Can be expensive in big dogs
must be repeated in 2 weeks to achieve the total of 3-4 weeks of treatment

Doxycycline

This is actually used to reduce inflammation associated with Lupus or other autoimmune diseases (and COVID 10%) inhibits TNF and Proteases.

Not effective as abx for Staph

TMS

This is a potent broad spectrum abs that must be administered every 12 hours

20% of dogs will have CBC/WBC suppression or other drug reactions

Hard to administer to cats - but effective (very bitter)

Chloramphenicol

This is a potent abx that is used for likely MRSA (P/S/A) infections

Most dogs develop tremors and lethargy after 2 weeks

Last choice for MRStaph

Azithromycin

May be helpful in reducing or preventing the papillomas triggered by cyclosporine

DMSO with enrofloxacin +/- Dex

This is a high concentration abx solution that penetrates the skin 1/2 inch

Smells and tastes like garlic - wear gloves

Great option for aural lick granulomas and interdigital bullae

4 - 8 oz DMSO with 10ml enrofloxacin (100MG/ML) + 10ml Dex SP

Topical Shampoo Therapy

KETOCHLOR

Chlorhexidine and Ketoconazole shampoo with Gyclotechnology

(L-rhamnose + d-galactose + d-Mannose) antimicrobial and anti-inflammatory

This is a very mild antibacterial and anti fungal shampoo that lathers well.

MiconHexTriz

This is a chlorhexidine shampoo with tris-EDTA and miconazole

This seems to have the best price point and lathers ok

Benzoyl peroxide

This is a harsh shampoo but is best option for Demodex and comedones and acne

This is a very good "degreaser"

Must be used with an oatmeal conditioner

KERATOLUX

This is a mild shampoo that reduces scale and crusts and is mildly antibacterial and anti-fungal and anti-inflammatory with Glycotechnology and Defensin Technology with Piractone Olamine + Zinc + L-rhamnose + d-galactose + d-Mannose + Peamus boldus leaf extract + Tea tree oil + Vitamin F + Spiraea ulmaria extract + disodium EDTA

Added zinc, disodium EDTA, plant extracts with glycotechnology and defensin to boost efficacy

EPI-SOOTHE CONDITIONER

Colloidal Oatmeal moisturizing conditioner with Glycotechnology to make mildly antimicrobial

Magic Oatmeal lotion/conditioner

This is a compounded oatmeal conditioner with Duoxo Mousse (chlorhexidine + Clombimazole) or MiconHex + Triz spray (chlorhexidine + miconazole + trisEDTA) added to prevent infections

This should be used after every bath and can be used as a leave-on-lotion

Zinc or Silver

“Natural” or “Holistic” ingredients

These products are good options for antibacterial effect and very safe and mild

Available OTC in shampoo + lotions + gel + spray

Ear Medications (3 step process)

Step 1

EpiOtic Advanced flush

This is the best safest ear cleaning option

with L-rhamnose + d-galactose + d-Mannose + chloroxylenol + disodium EDTA

Added glycotechnology and defensin to boost efficacy

Ear cleaning should be done in-clinic since it is hard for owners at home.

Good option for weekly Allergy Ear Prevention

Step 2

SHORT-ACTING EAR TREATMENTS (2-3 days duration)

EasOtic pump ointment

Easiest ear treatment ointment with typical triad ingredients

Best in class dosing pump bottle and NEW modified steroid

Very safe for ears - Can be used for skin lesions

Good option for weekly Allergy Ear Prevention

Short acting (2-3 days) Like almost ALL other triad ingredient ointments or drops

LONG-ACTING EAR TREATMENTS (1-3 weeks duration)

Claro or Osumia

These are long-acting triad ear treatments lasting 3 weeks often

Very safe for ears

Best administered in the clinic due to cost

Can be used for skin lesions

Otipak BNT/LETK ointment (8 pak 1ml syringes)

Lanolin base with ketoconazole + triamcinolone + enrofloxacin

This is a very safe long-acting topical ointment administered every 2-4 weeks

Must be warmed and placed in a dry ear.

Can be used for skin lesions - Good option for weekly Allergy Ear Prevention

Step 3

TrisEDTA+Keto with enrofloxacin

Best and safest treatment for liquid pus in the ear canal (rods/Pseudomonas)

Safe even if TM is ruptured

Must be administered every 12-24 hours filling the ear canal completely

Need at least 2 weeks of therapy

Then transition to Otitis Step 2 prevention therapy

4oz or 8oz + 10ml Dex SP + 10ml enrofloxacin (100mg/ml)

Immune Modulation Meds

Doxycycline

This is actually used to reduce inflammation associated with Lupus or other auto-immune diseases with very few adverse effects - inhibits TNF and Proteases

Not effective as abx for skin Staph

Cyclosporine (Atopica and Cyclavance are FDA bio-Equivalent)

generic cyclosporine loses app 20-30% efficacy - NOT bio-Equivalent)

This targets the Th2 lymphocytes with minimal immuno-suppression

Ideal treatment for cats with minimal side-effects (tastes like coffee)

Good option for small dogs due to cost - 10% may vomit 1-3 hours after administration

Can be administered every day for long periods

Can be reduced to every other day to reduce cost

Dexamethasone

Always try to minimize steroid use and long-term treatment needs yearly lab work

This is a steroid with fewer side-effects than prednisone or prednisolone

Can cause liver dz, diabetes, calcinosis cutis, MRSA and Demodex

This usually is either 4mg tablets or 1.5mg tablets and can change so always check and adjust the dose

For allergy dogs - daily for 3 days or every Sat + Sun weekends is most common

For cats - Injectable Dex SP is available for injection (cats or after IDAT) or oral treatment in cats

every day for 3-5 days then every 2-3 days for prevention control

FOR LUPUS/PEMPHIGUS

Most patients need daily therapy for 2-3 weeks to achieve remission and then every 1-2 days for prevention

Apoquel

This is a broad-spectrum immune-suppressive drug similar to steroids

Minimal liver dz, diabetes, calcinosis cutis risk

Immuno-Suppressive inhibits IL2, + IL6 + GMCSF + TNF resulting in 10% risk of cancer or pneumonia or demodex or MRSA

Every 12 hours works best but has most risk

Best used for autoimmune skin disease that would require high dose steroids

Azathiaprine

This is a chemotherapy drug that caused bone-marrow suppression

thus suppressing WBC and immune-mediated disorders

Must monitor labs every 2-3 weeks for 3 months

Magic Peanut Omega 3 + Vitamin A/B/D Supplement

This reduces Arachidonic acid metabolites and alters prostaglandins and leukotriene

Good for any inflammation - allergy, arthritis, immune-mediated disease

No real adverse effects except loose stool if dose is too high

Vitamin B3/5/7 Niacinamide

This is usually used with the doxycycline to suppress protease and WBC inflammation

Useful for Lupus and Pemphigus and vasculitis

May help neuropathy and aural lick granulomas

Vitamin A

This normalizes the skin and glands and prevents skin cancers/nodules

Great for feline acne and old dog sebaceous adenoma and solar dermatitis and cockers and sebaceous adenitis

Choline

Similar to Vitamin B and is helpful to reduce symptoms of allergy, asthma, behavioral problems

Inositol

Nutritional supplement that regulates neurotransmitters and helpful for OCD, Anxiety, Itch reduction

Melatonin

Alters the sex-hormone balance and helps control the symptoms of Atypical Cushing's Disease thus boosting the immune system and can have a rejuvenating affect on older dogs.

To treat hair follicle disorders use 3 month on and 3 months off cycles

For Cushing's symptoms use every 12 hours of higher dose every evening

Parasite Control

Important to have non-Beef Non-Dairy Non-Chicken products

Important to eliminate mites including Demodex - Scabies

Best if can prevent insect feeding and reduce insect spit

Sentinel Flavor Tabs or Interceptor Flavor Tabs

Old product that is very safe and synthetic pork flavor

Advantage Multi and Pro-heart are ok for Food allergic dogs

Simparica

Seems to be best - most affordable product

Bravecto every 30 days is equal but more expensive

Credelio is good but claims chicken flavor

Revolution Plus

This is Revolution + Simparica and is the best product for cats due to cost and monthly dosing

Low concentration pyrethrin spray for cats

This can be used to repel insects in dogs and cats using a lite mist every day

KNOCKOUT® E.S. Area Treatment

Contains pyrethrins and permethrin for control of adult fleas and ticks

Pyriproxyfen (Nylar® insect growth regulator) for flea egg sterilization lasting up to 7 months

Extremely safe and effective and long-lasting with minimal toxicity

Miscellaneous

VEGGIEDENT® FR3SH® Tartar Control Chews for Dogs

Made with FR3SH® Technology that delivers fresh breath and more

Just one chew per day reduces tartar and plaque

Supports at-home dental care between professional

Septicaine

This is a local anesthetic (lidocaine substitute) that does not sting and produces long-acting local block

Honey

Regional sourced honey can reduce the allergy symptoms

New Patient Allergy Starter Sample kit

Skin Health and to remove pollens and bacteria/yeast

Keratolux or Ketochlor or MiconHex triz shampoo (8oz)

Epi-soothe or Magic Conditioner - Leave-on lotion (8oz)

Magic Skin Supplement with Omega 3 _Vitamins A +B+D+choline+inositol

Ear prevention therapy

EasOtic Pump or LETK (4 pak)

Itch Control

generic Zyrtec or Allegra

Genesis Spray sample size (1oz)

often Dexamethasone tablets for 3 days in-row

Parasite prevention - mosquitoes and mites + flea/tick - often 2 months of

Simparica (usually 1/2 tablets to lower cost)

Sentinel Flavor tabs (usually 1/2 tablets to lower cost)

Revolution Plus for cats 1-2 vial-tubes