

Clinical Results

WITH SELECTED COMPLEMENTARY
THERAPIES IN BIRDS

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AVIx Booster®

A Dietary Supplement



AVIx Booster is a mixture of organic Brazilian red palm fruit oil and a monoglyceride of a fatty acid. Booster should be given to animals with various health conditions, including upper respiratory infections (URI) and skin disorders. The palatability of the product makes for easy administration. The dose is 0.02-0.06 ml/100 g body weight daily.

Clinical Applications of AVIx Booster:

- Immune-compromised individuals
- Patients with multiple low-grade or recurring infections
- In conjunction with *Giardia* protocols to extend relapse intervals
- Patients without gut flora to support antibiotic use
- Used in addition to antibiotic therapy to speed recovery
- Used in hospitalized patients and neonates with hand-feedings
- Decreased need or repetitiveness of antibiotic/antifungal therapy thereby reducing resistance and disrupting gut flora
- Improve quality of life and reduce shedding of virus carriers
- Passerine flock support during treatment for *Listeria*/cytomegalovirus
- Given to breeding pairs prior to and during chick-rearing

AVIx Booster may be beneficial for:

- reducing viral, bacterial and fungal infections
- serving as a source of vitamin A (precursors)
- giving animals a potent antioxidant (vitamin E)
- protecting the animal's cardiovascular system
- increasing the effectiveness of NSAIDs
- providing a good balance of essential fatty acids, especially omega 3 and omega 6
- giving the animal a vegetarian alternative to fish oil that is more stable than flax oil

CASE STUDIES

CASE 1 PLUMAGE AND PRURITUS DISORDERS RESOLVED

Before

July '06



July 12, 2006: A 58-g American robin was presented with loss of feathering for a 2-year duration, scabbing and pruritus of wing tips, and poor beak, skin, and nail quality. **AVIx Booster** (0.04 ml) was given PO once daily. **AVIx Soother Plus** (0.03 ml) was applied topically to the wings twice daily. Ronidazole (10 mg/ml PO) was administered once daily for 10 days (had been given 2 years previous with no improvement).

August 12, 2006: The owner report-

After

Nov. '06



ed regrowth of primary feathers and decreased pruritus. **AVIx Booster** was continued (0.04 ml PO daily).

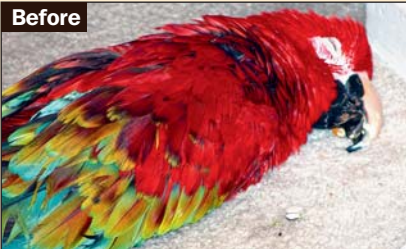
August 21, 2006: The robin gained 2 g body weight. Increased plumage and energy levels were observed. Little to no pruritus was seen. The bird was maintained on **AVIx Booster** (0.04 ml PO daily).

November 29, 2006: Excellent return of plumage was noted with improved beak and nails. The robin was maintained on **AVIx Booster**.

CASE 2

CHRONIC INFECTIONS RESOLVED

Before



An emancipated 70-year-old green-winged macaw was given **AVIx Booster** in conjunction with other therapy. This macaw was maintained using **AVIx Booster**, which kept chronic long-term infections

After



under control. **AVIx Soother** ointment was applied daily, which when combined with physical therapy, allowed this bird to not only return to standing but return to gripping and perching.

AVIx Sunshine Factor[®]

Certified Organic Brazilian Dende
(Red Palm Fruit) Oil



AVIx Sunshine Factor is distinctive in its composition and origin. It is made from the palm fruit, not the palm kernel. It is imported from Brazil, not Malaysia, Africa or Indonesia (where plantation crops have contributed to the destruction of tropical rainforests and threatened already endangered wildlife). AVIx Sunshine Factor is 100% certified organic, which means that no pesticides, preservatives or other contaminants are used in growing or processing, and it is packaged in a glass container at a certified organic facility to preserve quality.

Clinical results based on 300+ cases from a single clinic:

- Dramatic change in plumage vibrancy and deepening of colors
- Increased sheen and water repellency of feathers
- Lowered circulating cholesterol levels
- Improved and more consistent energy levels, particularly in senior patients
- Decreased need for NSAIDs in patients on long-term therapy
- Improved control of pruritus (when used in conjunction with antihistamines)
- Decreased recurrence of seasonal sinusitis and otitis
- Cataract reversal with return to vision in select cases
- Decreased vascular incidences due to increased vasodilation
- Better hatchability of chicks

AVIx Sunshine Factor may be beneficial in:

- improving immune function
- serving as a source of vitamin A (precursors)
- giving birds a potent antioxidant (vitamin E)
- protecting the bird's cardiovascular system
- providing a good balance of essential fatty acids, especially omega 3 and omega 6
- giving the bird a vegetarian alternative to fish oil that is more stable than flax oil

CASE STUDY

IMPROVED PLUMAGE COLOR AND OVERALL HEALTH



IMPROVED GRIPPING ABILITY



March 31, 2006: A 25-year-old, 417-g Amazon was presented with bilateral cataracts, heavy bronzing in the feathers and difficulty perching. The bird was started on 0.25 ml **AVix Sunshine Factor** PO daily and meloxicam at 0.1 mg/kg PO 1-2 times daily.

July 27, 2006: The owner noticed increased vision on the left side. A physical examination of the eye revealed a 50% reduction in the cataract size. Improved weight bearing was also observed. The dosage of **AVix Sunshine Factor** was increased to 0.3 ml PO daily.

Meloxicam continued to be administered (0.1 mg/kg PO daily to every other day).

November 20, 2006: A dramatic change in plumage was seen with decreased bronzing. The owner reported that the Amazon had an increased energy level throughout each day. Meloxicam was reduced to 0.1 mg/kg PO once weekly and the **AVix Sunshine Factor** was continued at 0.3 ml PO daily.

Cholesterol Levels of the Amazon

March 31, 2006	936 mg/dL
May 26, 2006	764 mg/dL
June 30, 2006	224 mg/dL

AVIx Soother[®] Ointment

Effective Pain Reliever

AVIx/HEALx Soother Plus[®]

Effective Pain Reliever and
Nontoxic Antimicrobial



AVIx Soother ointment and AVIx/HEALx Soother Plus offer the benefits of aloe vera with a patented quaternary ammonium solution. Transdermal technology is used to provide an antiinflammatory response, thereby reducing pain, pruritus and inflammation. AVIx/HEALx Soother Plus may also provide antibacterial, antifungal and antiviral properties without the use of steroids or antibiotics.

Clinical Applications of AVIx Soother Ointment:

- Impacted uropygial glands
- Cockatiel lock-jaw syndrome
- Arthritic or gouty joints
- Post splinting/orthopedics
- Sore hocks
- Tissue edema
- Site of subcutaneous fluid administration or injections
- In conjunction with physical therapy of joints in wings and legs

Clinical Applications of AVIx/HEALx Soother Plus:

- Broken tips of blood feathers
- Irritated tail base
- Avulsed nail
- Post blood feather removal
- Irritated/peeled skin on legs
- Wing web mutilation
- Irritated/ulcerated uropygial gland
- Bumblefoot

CASE STUDIES

CASE 1

BUMBLEFOOT/PODODERMATITIS RESOLUTION



Use of **AVIx Soother Plus** alone without oral medications led to resolution of the infectious/inflammatory component of this bumblefoot case.

CASE 2

ULCERATIVE WOUND RESOLUTION



A white-bellied caique presented with a non-healing ulcerative wound of 1 year's duration. **AVIx/HEALx Soother Plus** was applied twice daily to the lesion, which completely resolved with topical therapy alone for 28 days of the treatment.

Species and numbers of avian patients in which AVIx Soother products have been used at our practice:*

African grey - 24	Cockatoo - 22	Macaw - 15	Robin - 3
Amazon parrot - 18	Conures - 10	Parakeet - 6	Seagull - 1
Black-headed caiique - 1	Crow - 1	Parrotlet - 7	Senegal parrot - 1
Budgerigar - 18	Dove - 2	Pheasant - 1	Sun conure - 2
Canary - 1	Eclectus parrot - 12	Quaker - 11	
Cockatiel - 46	Finch - 2	Lorikeet - 1	Other birds - 1
	Lovebird - 18	Lory - 1	

*Parkway Small Animal & Exotic Hospital, Clinton Township, MI



Created, clinically tested and
distributed by veterinarians

Individual results may vary. These products are not intended to diagnose, treat, cure, or prevent any disease.