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**CE 1 – Feather destructive behaviour (FDB) in birds**

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1. Costa P., Macchi E., Tomassone L., Ricceri F., Bollo E., Scaglione F.E., Tarntola M., De Marco M., Prola L., Bergero D., Schiavone A. 2016. Feather Picking in Pet Parrots: Sensitive Species, Risk Factor and Ethological Evidence. *Italian Journal of Animal Science* 15(3): 473-480
2. van Zeeland Y.R.A., Schoemaker N.J. 2014. Plumage Disorders in Psittacine Birds. *EJCAP* 24(2):24-236
3. Knolb S. 2017. Basic Avian Handling and Behaviour Course. VIN course
4. Gill F.B. 1995. Feathers in Ornithology, 2nd edition. P. 65-92.
5. Rubinstein J., Lightfoot, T. 2014. Feather Loss and Feather Destructive Behaviour in Per Birds. *Vet Clin Exot Anim* 17: 77-101
6. Clyvial A., Faggioli A.B., Fernandes Cipreste C. 2015. Effects of Environmental Enrichment in a Captive Pair of Golden Parakeets (*Guaruba guarouba*, *Psittacidae*) with Abnormal Behaviors. *Revista Brasileira de Ornitologia*, 23(3):309-314
7. Mancinelli E. 2015. Diagnosing and Treating the Feather-Plucking Parrot. *Vet Times*.  
<https://www.vettimes.co.uk>
8. Seibert L.M. 2006. Feather-Picking Disorders in Pet Birds in: *Manual of Parrot Behaviour*. P. 255-265
9. Gaskins L.A., Hungerford L. 2014. Nonmedical Factors Associated With Feather Picking in Pet Psittacine Birds. *Journal of Avian Medicine and Surgery* 28(2):109–117
10. Jen-Lung Peng S., Hessey J., Tsay T., Chang-Young Fei A. 2014. Assessment and Treatment of Feather Plucking in Sulphur-Crested Cockatoos *Cacatua galerita*. *Journal of Animal and Veterinary Advances* 13(1):51-61

**CE 2 – Allergies!! What’s with all these itchy animals?**

*By Jennie Tait, AHT, RVT, VTS (Dermatology)*

1. National Library of Medicine (online April 2018) from  
<https://www.ncbi.nlm.nih.gov/pubmedhealth/PMHT0030652/>
2. American Academy of Allergy, Asthma and Immunology (online April 2018)  
<https://www.aaaai.org/about-aaaai/newsroom/allergy-statistics>
3. Okada H, Kuhn c, Feillet H, Bach J-F. The hygiene hypothesis for autoimmune and allergic diseases: an update. *Clinical and Experimental Immunology; The Journal of Translational Immunology*. 2010 Apr; 160(1): 1–9.
4. Berger A. Th1 and Th2 responses: what are they?. *BMJ* 2000 Aug 12; 321(7258): 424.
5. Berger A. Th1 and Th2 responses: what are they?. *BMJ* 2000 Aug 12; 321(7258): 424.



**REFERENCE LIST: Volume 41, issue 4 Summer 2018**

6. Thompson J, Dolen W. Pacifier Cleaning Practices and Risk of Allergy Development. *The American Academy of Pediatrics Allergy*. 2014 Nov; Volume 134/Issue Supplement 3
7. Merck Veterinary Manual (online April 2018) Retrieved from <https://www.merckvetmanual.com/integumentary-system/atopic-dermatitis/canine-atopic-dermatitis>
8. Tater K, et al. Effects of routine prophylactic vaccination or administration of aluminum adjuvant alone on allergen-specific serum IgE and IgG responses in allergic dogs. *AJVR* 2005;66(9):1572-77
9. Tater K, et al. Effects of routine prophylactic vaccination or administration of aluminum adjuvant alone on allergen-specific serum IgE and IgG responses in allergic dogs. *AJVR* 2005;66(9):1572-77
10. American College of Allergy, Asthma & Immunology (ACAAI) *2015 Annual Scientific Meeting*: [Abstract 243], presented November 7, 2015; Abstract 15, presented November 8, 2015.
11. Vighi G., Marcucci F., Sensi L., Di Cara G., Frati F., Allergy and the gastrointestinal system. *Clinical Experimental Immunology*, 2008 Sept.; 153 (Suppl 1): 3-6
12. Lewis, T. Diagnosing food allergies in dogs and cats—Bring your case to trial. *Veterinary Medicine; DVM360* Jan. 5, 2017
13. Cave N., Mechanistic Classification for Adverse Reactions to Food. *Canine and Feline Gastroenterology*, 2013: 398-408
14. Favrot C. et al, A prospective study on the clinical features of chronic canine atopic dermatitis and its diagnosis. *Vet Dermatology* 2010 Feb; 21 (1):23-31
15. Picco F, Zini E, Nett C et al. *Vet Dermatology* 2008;19:150-155
16. Primary Care Dermatology Society; Food Allergy; Clinical Findings. Retrieved from <http://www.pcds.org.uk/clinical-guidance/food-allergy#findings>
17. Mueller R, Olivry T. Critically Appraised Topic on Adverse Food Reactions of Companion Animals: Can we diagnose adverse food reactions in dogs and cats with in vivo or in vitro tests? *BMC Veterinary Research BMC series – open, inclusive and trusted*; 2017; 13:275
18. Johansen C, Mariani G, Mueller R, Evaluation of patch testing with proteins, carbohydrates and commercial foods for diagnosis of canine adverse food reactions. *Proceedings from 26<sup>th</sup> Annual Congress of the ESVD-ECVD/ 19-21 September 2013, Valencia Spain*; 197
19. Mueller R, Tsohalis. Evaluation of serum allergen-specific IgE for the diagnosis of food adverse reactions in dogs. *Veterinary Dermatology* 1998 July; 9(3):167-171
20. Hardy JI *et al.* Food specific IgE and IgG reactivity in dogs with and without skin disease: lack of correlation between laboratories. *Vet Dermatol* 2014;25:447-455
21. Guilford et al. Development of Gastroscopic Food Sensitivity Testing in Dogs. *Journal of Veterinary Internal Medicine*; 1994 Nov; 8 (6): 414-422
22. Allenspach et al. Chronic Enteropathies in Dogs: Evaluation of Risk Factors for Negative Outcome. *Journal of Veterinary Internal Medicine*; 2007; 21;700-708
23. Ishida et al. Lymphocyte Blastogenic Responses to Inciting Food Allergens in Dogs with Food Hypersensitivity. *Journal of Veterinary Internal Medicine* 2004;18:25-30



**REFERENCE LIST: Volume 41, issue 4 Summer 2018**

24. Fujimura et al. Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. *Nature International Journal of Science* 2013; 504:446-450
25. Coyner K, Schick A. Inaccuracies of a hair and saliva test for allergies in dogs. *Veterinary Dermatology*. 2016;27:68
26. Raditic, D. M., Remillard, R. L. and Tater, K. C. ELISA testing for common food antigens in four dry dog foods used in dietary elimination trials. *Journal of Animal Physiology and Animal Nutrition* 2011, 95: 90–97
27. Rosser E, Update on the diagnosis and treatment of food allergy in dogs and cats. Conference proceedings COLLOQUE DERMATOLOGIE, AMVQ 2013: 4-12
28. Favrot C. et al, Establishment of diagnostic criteria for feline non flea-induced hypersensitivity dermatitis. *Vet Dermatology* 2012;23 (1):45-50

**Poison column: Common farm animal toxins: Plants and mycotoxins (part 1)**

*By Lynn R. Hovda, RPh, DVM, MS, Diplomate, American College of Veterinary Internal Medicine, Director, Veterinary Medicine, Pet Poison Helpline and SafetyCall International*

1. Wilson CR, Sauer JM, Hooser SB. Taxines: a review of the mechanism and toxicity of yew (*Taxus* spp.) alkaloids. *Toxicon*. 2001 Feb 1;39(2-3):175-85.
2. Handeland K. Acute yew (*Taxus*) poisoning in moose (*Alces alces*). *Toxicon*. 2008 Dec 1;52(7):829-32.
3. Alward A, Corriher CA, Barton MH, Sellon DC, Blikslager AT, Jones SL. Red maple (*Acer rubrum*) leaf toxicosis in horses: a retrospective study of 32 cases. *Journal of Veterinary Internal Medicine*. 2006 Sep 1;20(5):1197-201.
4. Agrawal K, Ebel JG, Altier C, Bischoff K. Identification of protoxins and a microbial basis for red maple (*Acer rubrum*) toxicosis in equines. *Journal of Veterinary Diagnostic Investigation*. 2013 Jan;25(1):112-9.
5. Hullinger G, Sangster L, Colvin B, Frazier K. Bovine arsenic toxicosis from ingestion of ashed copper-chrome-arsenate treated timber. *Veterinary and Human Toxicology*. 1998 Jun;40(3):147-8.
6. van der Merwe, D, Jones M. Copper toxicity in sheep and goats. *CVC 2009 Proceedings*, Kansas City, MO.
7. Humphries WR, Mills CF, Greig A, Roberts L, Inglis D, Halliday GJ. Use of ammonium tetrathiomolybdate in the treatment of copper poisoning in sheep. *The Veterinary Record*. 1986 Dec;119(24):596-8.
8. Casteel SW. Metal toxicosis in horses. *Veterinary Clinics: Equine Practice*. 2001 Dec 1;17(3):517-27.
9. Meldrum JB, Ko KW. Effects of calcium disodium EDTA and meso-2, 3-dimercaptosuccinic acid on tissue concentrations of lead for use in treatment of calves with experimentally induced lead toxicosis. *American Journal of Veterinary Research*. 2003 Jun 1;64(6):672-6.
10. Novilla MN. Ionophores. *In: Gupta RC, Ed. Veterinary Toxicology: Basic and Clinical Principles*, 2<sup>nd</sup> ed. New York: Elsevier, 2012: p 1289.



**REFERENCE LIST: Volume 41, issue 4 Summer 2018**

11. Divers TJ, Kraus MS, Jesty SA, Miller AD, Mohammed HO, Gelzer AR, Mitchell LM, Soderholm LV, Ducharme NG. Clinical findings and serum cardiac troponin I concentrations in horses after intragastric administration of sodium monensin. *Journal of Veterinary Diagnostic Investigation*. 2009 May;21(3):338-43.
12. Puschner B, Roegner A. cyanobacterial (blue-green algae) toxins. In: Gupta RC, ed. *Veterinary Toxicology: Basic and Clinical Principles*, 2<sup>nd</sup> ed. New York: Elsevier, 2012: pp. 953-965.
13. Croom Jr WJ, Hagler Jr WM, Froetschel MA, Johnson AD. The involvement of slaframine and swainsonine in slobbers syndrome: a review. *Journal of Animal Science*. 1995 May 1;73(5):1499-508.

**CE 3– Leptospirosis in the dog**

**By Jinelle Webb DVM, MSc, DVSc, Diplomate ACVIM (Internal Medicine)**

1. Sykes JE et al. 2010 ACVIM small animal consensus statement on leptospirosis: diagnosis, epidemiology, treatment, and prevention. *J Vet Intern Med*. 2011;25(1):1-13.
2. Schuller S et al. European consensus statement on leptospirosis in dogs and cats. *J Small Anim Pract*. 2015;56(3):159-79.
3. Knöpfler S et al. Evaluation of clinical, laboratory, imaging findings and outcome in 99 dogs with leptospirosis. *J Small Anim Pract*. 2017 Oct;58(10):582-588.
4. Lizer J et al. Evaluation of 3 Serological Tests for Early Detection of Leptospira-specific Antibodies in Experimentally Infected Dogs. *J Vet Intern Med*. 2018;32(1):201-207.
5. Lizer J et al. Evaluation of a rapid IgM detection test for diagnosis of acute leptospirosis in dogs. *Vet Rec* 2017;180(21):517-522.
6. Moore GE et al. Adverse events diagnosed within three days of vaccine administration in dogs. *J Am Vet Med Assoc* 2005;227:1102–1108.

**CE 4 – Nutraceuticals and osteoarthritis: Separating fact from fiction**

**By Richard Boisvert B.Sc, DVM and Brigitta Smith RVT**

1. Altilio, M., Peal, A., Alvey, M., Simms, C., Curtsinger, A., Gupta, R.C., Canerdy, T.D., Goad, J.T., Bagchi, M. & Bagchi, D. (2007) Therapeutic Efficacy and Safety of Un-denatured Type II Collagen Singly or in Combination with Glucosamine and Chondroitin in Arthritic Dogs. *Toxicology Mechanisms and Methods*, 17, 189–196.
2. Arafa, N., Hamuda, H., Melek, S., Darwish, S. (2013). The effectiveness of Echinacea extract or composite glucosamine, chondroitin and methyl sulfonyl methane supplements on acute and chronic rheumatoid arthritis rat model. *Toxicology and Industrial Health*, 29 (2), 187- 201
3. Aragon, C., Hofmeister, E., Budsberg, S., (2007). Systematic review of clinical trials of treatments for osteoarthritis in dogs. *Journal of the American Veterinary Medical Association*, 230 (4, 514- 521
4. Beal, B. (2004). Use of nutraceuticals and chondroprotectants in osteoarthritic dogs and cats. *Veterinary Clinics of North America: Small Animal Practice*, 34 (1), 271- 289



**REFERENCE LIST: Volume 41, issue 4 Summer 2018**

5. Dickinson, D., Iles, K., Zhang, H., Blank, V., Forman, J. (2003). Curcumin alters EpRE and AP-1 binding complexes and elevates glutamate-cysteine ligase gene expression. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/12514113> 17 (3), 473- 475
6. Eason, C., Puddick, J., Romanazzi, D., Miller, M., Johns, S., Forbes- Blom, E., Hessian, P., Stamp, L., Packer, M. (2018). Greenshell™ Mussels: A review of veterinary trials and future research directions. *Veterinary Sciences*, 5 (2)
7. Goel, A., Kunnumakkara, A., Aggarwal, B. (2008). Curcumin as “Curecumin”: From kitchen to clinic. *Biochemical Pharmacology*, 75, 787- 809
8. Harper, T. (2017). Conservative management of hip dysplasia. *Veterinary Clinics of North America: Small Animal Practice*, 47 (4), 807- 821
9. Marsella R, Cornegliani L, Ozmen I, Bohannon M, Ahrens K, Santoro D. (2017). Randomized, double-blinded, placebo-controlled pilot study on the effects of topical blackcurrant emulsion enriched in essential fatty acids, ceramides and 18-beta glycyrrhetic acid on clinical signs and skin barrier function in dogs with atopic dermatitis. *Veterinary Dermatology*, 28 (6), 577
10. McCarthy, G., O'Donovan, J., Jones, B., McAllister, H., Seed, M. & Mooney, C. (2007) Randomised double-blind, positive-controlled trial to assess the efficacy of glucosamine/chondroitin sulfate for the treatment of dogs with osteoarthritis. *Veterinary Journal*, 174, 54–61.
11. Moreau, M., Dupuis, J., Bonneau, N.H. & Desnoyers, M. (2003) Clinical evaluation of a nutraceutical, carprofen and meloxicam for the treatment of dogs with osteoarthritis. *Veterinary Record*, 152, 323–329.
12. Moreau, M., Dupuis, J., Bonneau, N., & Lecuyer, M. (2004). Clinical evaluation of a powder of quality elk velvet antler for the treatment of osteoarthrosis in dogs. *The Canadian Veterinary Journal*, 45 (2), 133- 139
13. [Moreau, M.](#), [Lussier, B.](#), [Pelletier, JP.](#), [Martel-Pelletier, J.](#), [Bédard, C.](#), [Gauvin, D.](#), [Troncy, E.](#) (2014). A medicinal herb-based natural health product improves the condition of a canine natural osteoarthritis model: a randomized placebo-controlled trial. *Research in Veterinary Science*, 97 (3), 574- 581
14. [Reichling, J.](#), [Schmökkel, H.](#), [Fitzi, J.](#), [Bucher, S.](#), [Saller, R.](#) (2004). Dietary support with *Boswellia* resin in canine inflammatory joint and spinal disease. *Schweizer Archiv für Tierheilkunde*, 146 (2), 71
15. Sandersoln, R., Beata, C., Flipo, R., Genevois, J-P., Macias, C., Tacke, S., Vezzoni, A., Innes, J. Systematic review of the management of canine osteoarthritis. *Veterinary Record*, 164, 418- 424.
16. Scott, R., Evans, R., Conzemius, M. (2017). Efficacy of an oral nutraceutical for the treatment of canine osteoarthritis. A double-blind, randomized, placebo-controlled prospective clinical trial. *Veterinary and Comparative Orthopaedics and Traumatology*, 30 (5), 318- 323
17. Szweda M, Szarek J, Lew M, Szarek-Bęska A, Gulda D. (2015). Can liquorice extract and herbal solution prevent colonic mucosa damage caused by robenacoxib in dogs? *Polish Journal of Veterinary Science*, 18 (4), 793- 798.



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18. Vanderweerd, J.-M., Coison, C., Clegg, C., Cambier, A., Pierson, A., Hontoir, F., Saegerman, C., Gustin, P., and Buczinski, S. (2012). Systematic review of efficacy of nutraceuticals to alleviate clinical signs of osteoarthritis. *Journal of Veterinary Internal Medicine*, 26; 448- 456.