WSAVA Global Nutrition Committee EOY Report  
As of November 24, 2020

Podcast News, 11/16/20: The VETgirl podcast re: cardiac cachexia released today here: https://podcasts.apple.com/us/podcast/cardiac-cachexia-in-cats-congestive-heart-failure-vetgirl/id890669474?i=1000498819005 and also on our website utilizing the WSAVA image with full credits here: https://vetgirlontherun.com/podcasts/cardiac-cachexia-in-cats-with-congestive-heart-failure-vetgirl-veterinary-continuing-education-podcasts/ We'll social media blast it to and tag Tufts Vet and WSAVA too to help educate veterinary professionals on this important issue! Best, Justine

2020 Activities:

WSAVA Congress Warsaw, 2020: We were scheduled to provide a full day of clinical nutrition talks as well as 3 hours of talks to nurses/technicians, we are now scheduled to do this virtually in Warsaw in March of 2021. All speakers have confirmed.

Toolkit Development:

- How to place a naso-gastric feeding tube video: Completed, this is now part of the WSVAGNC Toolkit
- How to place an esophageal feeding tube video: Completed, this is now part of the WSVAGNC Toolkit too
- Raw foods infographic tool: Verbiage completed, graphics: Completed, in graphic design and to be uploaded to Toolkit
- Update of Calorie/Energy Requirements for the Healthy Adult Dog or Cat: Completed and uploaded to Toolkit
- Updated version of “Feeding Guide for Hospitalized Dogs and Cats” completed.
- Updated version of Feline Body Condition Score: Completed and to be updated in Toolkit
- Updating of Tool: “Selecting the best food for your pet” completed, in graphic re-design stage
Projects:

- The GNC’s nutritional assessment survey, “Knowledge, attitudes and applications of nutrition assessments by the veterinary healthcare team in small animal practice” Published in JSAP July 2020
- IVAS nutritional and gastrointestinal talk: cancelled due to Covid
- Third Term Learning Nutritional online CPD: 1st module completed, 2nd Module in approval stage, 3rd module in progress. This is part of the CE Committee that involves nutrition.

Presentations: Understandably, most lectures/talks have been cancelled. Here are a few that were presented.

- 9/15/20: London Vet Show: Nutritional Myths webinar
- 9/11-12/20: BVDS: Dermatology Meets Dentistry, Ophthalmology and Internal Medicine: 4 lectures (GI and Microbiome, Adverse Reactions to Food, Derm Nutritional Disorders, Nasal Disease)
- 9/9/20: Royal Canin Symposium: Nutrition for Puppies and Kittens webinar
- 8/13/20: Two FB Live and Instagram Live events for MASH this week and Thursday’s background featured heavily on the WSAVA nutrition tools by Dr Weeth. [https://www.instagram.com/tv/CD2DDxaDnYe/?igshid=183igvsr4e6nv](https://www.instagram.com/tv/CD2DDxaDnYe/?igshid=183igvsr4e6nv)
- 8/10/20: Mark Morris Animal Foundation: podcast on obesity with Dr Kelly Diehl
- 6/2020: Ross Veterinary School (Saint Kitts and Nevis)
- 6/1-21/20: Vet Indexx small animal nutrition course
- 5/6/20: Tips and Tricks for Success in Feline Practice and Nutrition [貓醫師的生存法則](https://www.instagram.com/tv/CD2DDxaDnYe/?igshid=183igvsr4e6nv)
- 5/2020: Royal Canin UK Virtual Congress on Gastrointestinal disease (May 2020)
- 5/2020: Spain, AVEPA (association of small animal Spanish veterinarians) and FIAVAC (association of small animal vets from Latin America) on fad diets
- 4/2020: Saint George’s Veterinary School (Grenada)
- 3/17/20: Royal Canin sponsored webinar on "The Start of Life - feeding puppies and kittens"
• 3/13/20: University of Glasgow; small animal nutrition presentation and debate
• 3/3/20: RVC London: Nutrition Myths
• 02/23/20: Vetindexx small animal nutrition course (online)
• 2/2020: 4 hour continuing education event for Spanish vets in Madrid talking about common nutrition questions and fad diets, February 2020
• 2/26/20: VetX Community Live Webinar on Common Nutrition Questions with Dave Nichols
• 2/2020: 2 day conference to Finnish vets on feline nutrition together with Minna Rinneken,
• 1/2020: continuing education event for vets and nurses in Kildare, Ireland, on pet food diet myths
• 1/14/20: University of Edinburgh: Nutritional therapy for CKD
• 1/7/20: BBC Radio 5 interview and discussion with Cat Henstridge

Publications

BOOKS:
• Enteral nutrition for gastrointestinal patients. Ed. Multimedica Ediciones Veterinarias (due for publication)
• “Small Animal Critical Care Medicine”, Eds Silverstein and Hopper, by Elsevier (still unpublished)

OUTREACH PAPERS:
• October Vet Times article “Dealing with Pet Obesity – an Ongoing Epidemic”
• BSAVA Guide to Nutrition (Commercially manufactured food; grain-free diets, home-prepared cooked foods, raw diets) co-editor with Alex German and Georgia Woods
• Dry vs wet food in cats: what is the better choice? BSAVA journal, in press
• Como establecer el mejor plan de alimentación en perros y gatos con enfermedad renal. Clinnutrivet 15 (2020): 12-16

GNC Material Referenced/Cited since last Congress:

Plasma cell pododermatitis associated with feline leukemia virus (FeLV) and concomitant feline immunodeficiency virus (FIV) infection in a cat
September 2020
DOI: 10.1016/j.tcam.2020.100475
Giovana BiezusGiovana BiezusThierry de CristoThierry de CristoMichele Ferraz da Silva SchadeShow all 8 authorsRenata Assis Casagrande
Effect of a Weight Loss Program on Biochemical and Immunological Profile, Serum Leptin Levels, and Cardiovascular Parameters in Obese Dogs
August 2020 Frontiers in Veterinary Science 7
DOI: 10.3389/fvets.2020.00398
License CC BY 4.0
Diego Piantedosi Anna Teresa Palatucci Angela Giovazzino Show all 12 authors Laura Cortese Laura Cortese

The gut microbiome in dogs with congestive heart failure: a pilot study
August 2020 Scientific Reports 10(1)
DOI: 10.1038/s41598-020-70826-0
License CC BY
Joonbum Seo Joonbum Seo Linda Matthewman Linda Matthewman Dong Xia Dong Xia Show all 6 authors David Connolly David Connolly

Biologic variation of symmetric dimethylarginine and creatinine in clinically healthy cats
July 2020 Veterinary Clinical Pathology
DOI: 10.1111/vcp.12884
Jennifer M. Prieto Patrick C. Carney Meredith L. Miller Show all 9 authors Mark E. Peterson Mark E. Peterson

Management Practices of Pet Dog among a Representative Sample of Owners in Sylhet, Bangladesh
July 2020 Advances in Animal and Veterinary Sciences 8(8):819-825
DOI: 10.17582/journal.aavs/2020/8.8.819.825
Subhypnotic dose of intravenous propofol stimulates appetite in cats with stress-induced anorexia
May 2020
The Veterinary record
DOI: 10.1136/vr.105740
Victry Fredley, Rachel Kreisler, Kirk Miller

A holistic approach to creating a nutrition plan for hospitalised inpatients
April 2020
DOI: 10.12968/vetn.2020.11.3.126
Stacey Cox

The effect of a raw vs dry diet on serum biochemical, hematologic, blood iron, B12, and folate levels in Staffordshire Bull Terriers
April 2020
Veterinary Clinical Pathology
DOI: 10.1111/vcp.12852
License CC BY 4.0
Johanna Anturaniemi Sara Zaldívar-López Robin Moore Show all 7 authors Anna Hielm-Björkman

Using faecal glucocorticoid metabolite analyses to elucidate stressors of African wild dogs Lycaon pictus from South Africa
March 2020
Wildlife Biology 2020(1):1-10

Effects of three diet history questions on the amount of information gained from a sample of pet owners in Ontario, Canada
February 2020
Journal of the American Veterinary Medical Association 256(4):469-478
DOI: 10.2460/javma.256.4.469
Jason B Coe Jason B Coe Rachel O'Connor Rachel O'Connor Clare Macmartin Clare Macmartin Show all 5 authors Kristen A Janke

Environmental, Socioeconomic, Maternal, and Breastfeeding Factors Associated with Childhood Overweight and Obesity in Ceará, Brazil: A Population-Based Study Article
Feb 2020
Int J Environ Res Publ Health

Neutering in dogs and cats: current scientific evidence and importance of adequate nutritional management
January 2020
Nutrition Research Reviews
DOI: 10.1017/S0954422419000271
Lab: Márcio Brunetto's Lab
Thiago Henrique Anibale Vendramini Thiago Henrique Anibale Vendramini Andressa Amaral Andressa Amaral Vivian Pedrinelli Vivian Pedrinelli Show all 6 authors Márcio Brunetto Márcio Brunetto
The Financial Costs, Behaviour and Psychology of Obesity: A One Health Analysis

Body weight at 10 years of age and change in body composition between 8 and 10 years of age were related to survival in a longitudinal study of 39 Labrador retriever dogs
November 2019 Acta Veterinaria Scandinavica 61(1)
DOI: 10.1186/s13028-019-0477-x
License CC BY
Johanna Penell Johanna Penell David Morgan David Morgan Penny J Watson Penny J Watson Show all 5 authors
Vicki Jean Adams Vicki Jean Adams Penny J Watson Edward C. Feldman; Federico Fracassi; Mark E. Peterson
Feline endocrinology
Published by Edra, 2019

Hypoglycaemia associated with gastrointestinal and extragastrointestinal stromal tumour in two dogs
October 2019
DOI: 10.1136/vetreccr-2018-000784
Joanna Lodzinska Joanna Lodzinska Clara Ballber Sionagh H Smith Spela Bavcar

Setting up a nurse-led nutrition service
October 2019
DOI: 10.12968/vetn.2019.10.8.404
Ronald Jan Corbee Ronald Jan Corbee Rilana van de Lande Inge van Duiven

Intra- and inter-rater reliability in the cross-sectional area of feline lumbar epaxial musculature evaluated via abdominal CT scan
October 2019 Journal of Feline Medicine & Surgery
DOI: 10.1177/1098612X19880997
Laura H Rayhel Jessica M Quimby Jessica M Quimby Eric M Green Show all 5 authors Shasha Bai

Clinical investigations and treatment outcome in a European wildcat (Felis silvestris silvestris) infected by cardio-pulmonary nematodes
October 2019
DOI: 10.1016/j.vprsr.2019.100357
Anastasia Diakou Anastasia Diakou Dimitris Dimitras Dimitris Dimitras Christos Astaras Christos Astaras Show all 9 authors Donato Traversa Donato Traversa

Impact of Fecal Microbiota Transplantation on Obesity and Metabolic Syndrome—A Systematic Review
September 2019 Nutrients 11(10)
DOI: 10.3390/nu11102291
License CC BY
Zhengxiao Zhang Zhengxiao Zhang Valentin Mocanu Valentin Mocanu Chenxi Cai Chenxi Cai Show all 8 authors
Karen Madsen Karen Madsen

Early enteral nutrition: indications, benefits and complications
September 2019
DOI: 10.12968/vetn.2019.10.7.346
Kirsty Edgley
Requests for GNC Material since last Congress

1. 11/23/20. Acupuncture Tails (total 18 chapters) by Dr Jane Hunter
2. 11/2/20: Assessing body conditions scores assigned to images of dogs by veterinary nurses working in urban, rural, and suburban settings in New Zealand. Harvey, LC, Fontaine, SC. Manuscript draft. Veterinary Nurse
3. 10/9/20: the BCS charts (dog and cat), the MCS charts (dog and cat for nutrition material for vet students in Spanish from the editorial Mederic, which is presented online on a game format. Cecilia Villaverde, BVSc, PhD, DACVN, DECVCN
4. 9/25/20: e-learning modules, corresponding traditional powerpoint lectures and laminated copies of the BCS and MCS. Cailin Heinze, VMD, MS, DACVN, Mark Morris Institute. (Reach of approximately 2,700 students/year)
5. 9/13/20: vet student (Jacqueline Tong) from Royal (Dick) School of Veterinary Studies online survey, use of BCS chart
6. 9/4/20: Turkish translation of Richard Nelson: Small Animal Internal Medicine, 6e, use of BCS charts. Regina Lavanya Remigius. Senior Copyrights Coordinator – Copyrights Team. ELSEVIER | HEALTH CONTENT OPERATIONS
7. 8/9/20: a University of Edinburgh study... a survey-based study of feline body condition scores for a grad student (Katie Todd) research.
8. 8/5/20: use of BCS & MCS charts to imbed in new software: VCA/Mars 😱
9. 7/20/20 Dechra use poster reproduction of MCS & BCS tools
10. 7/1/20: Hills Pet Nutrition. Nurses training booklet
11. 6/29/20: ImproVetInternational CPD course
12. 6/29/20: Vaccine chart, MSD Animal Health
13. 6/24/20: BSAVA 2nd edition Pocketbook for Veterinary Nurses
14. 5/30/20: Mark Morris Institute
15. 5/28/20: Wiley, Pratt, Essentials of Biochemistry
16. 5/14/20: Veterinary Practice News
17. 5/12/20: Whole Dog Journal
20. 3/30/20: Swedish University of Agricultural Sciences, Department of Anatomy, Physiology and Biochemistry
Recent comment: “I just wanted to thank you on behalf of MMI for reviewing our request to utilize the WSAVA resources in our E-Learning and traditional teaching materials. The WSAVA resources are exceptionally cogent and will greatly benefit the students. Thank you.”

Regards,
Maria
Maria Guillily maria@markmorrisinstitute.org
10/9/20

History:
Founded in 2010, the purpose of the WSAVA Global Nutrition Committee continues to be 4-fold:
• To enhance awareness among the veterinary healthcare team and the public for nutrition’s vital role in optimum pet health.
• To advocate for nutrition as a key component in all veterinary and veterinary nurse/technician curricula.
• To promote the importance of performing a nutritional assessment on every animal at every visit, and to make specific nutritional recommendations for each patient as an integral component of patient care.
• To advance the central role of the veterinary healthcare team as the expert source of information for optimal pet nutrition.

To this end, the Global Nutrition Committee (GNC) has developed Nutritional Assessment Guidelines as well as a Nutrition Toolkit. The Nutrition Toolkit is updated and added to as time, resources and needs dictate. To date, we have 20 tools available to practitioners, researchers, educational entities, industry, technician/nurses, and other related professions. Mainly used by those in the veterinary profession, we have seen our tools cited or used in governmental and NGO publications, as well as a few appearances in entertainment media (TV).

To date, the GNC Nutrition Toolkit has been translated from English into French, Chinese, Spanish, Korean, Portuguese, Russian, Polish.

The Nutritional Assessment Guidelines are available in 10 languages.

Finishing up an all-day meeting!
Current GNC Members

- Marge Chandler; DVM, MS, MANZCVSc, DACVN, DACVIM, DECVIM-CA, MRCVS. Co-Chair. (Scotland)
- Gregg Takashima, DVM, Co-Chair (United States)
- Rachel Lumbis, MSc (VetEd), BSc (Hons), PG Cert (MedEd), RVN, Cert SAN, FHEA. Lecturer in Veterinary Nursing, Royal Veterinary College, (London, UK)
- Minna Rinkinen, VMD, PhD, Adjunct Prof University of Helsinki (Helsinki, Finland).
- Martin de Scally, BVSc, BVSc (Hons), BVSc (MMed), Hilton Veterinary Hospital, (South Africa)
- Adriana López Quintana, DVMT, Clinical Director of a Small Animal Clinic in Maldonado, Private practice, (Uruguay, South America)
- Ping-Chih (Ben) Teng, BVM (National Veterinary Hospital (Taiwan).
- Cecilia Villaverde Cecilia Villaverde Haro, BVSc, PhD, DACVN, DECVCN. (Spain)
- Lisa P. Weeth, DVM, Dipl. ACVN. (United States)