

Second Edition

Applied Veterinary Clinical Nutrition

Edited by Andrea J. Fascetti • Sean J. Delaney
Jennifer A. Larsen • Cecilia Villaverde



WILEY Blackwell

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Second Edition

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Preface

We envision this text to be a resource not only for the veterinary practitioner but also for students and residents of multiple disciplines. Many veterinary schools and universities are now teaching a course in small animal clinical nutrition, and this text will make a nice complement to such lecture material. (From the first edition)

We have been very fortunate to have the first edition fulfill its original vision. This is largely thanks to its widespread promotion and adoption by our colleagues in industry and academia.

Like many sciences and specialties, nutrition knowledge evolves, and it became clear that an update was needed. We also saw an opportunity to enhance the text's international applicability to better support its use outside of North America and translation into multiple languages.

With this edition, we have astoundingly maintained all but one now retired contributor and added many more contributors to give additional depth as well as to add international perspective and species expertise outside of dogs and cats, including avian and small mammalian species. To quote the first edition again, "We consider our contributors to be the experts in their fields, so we are extremely fortunate that they have been willing to share their knowledge and experience through their respective chapters" and now sidebars. This sentiment remains even more true with this second edition.

We have kept the structure and approach similar in this new version. Notably, one will continue to find heavy use of citations wherever possible. These references provide additional opportunities for further reading and enrichment, especially in areas where controversy may exist or our understanding is not yet complete.

With this edition, two new co-editors have been added from two previous contributors and colleagues, Drs. Jennifer Larsen and Cecilia Villaverde. Dr. Larsen brings an unrivaled degree of clinical experience teaching veterinary students and residents. Dr. Villaverde, as a board-certified veterinary nutritionist in both North America and Europe with extensive teaching experience in South America, provides unparalleled international expertise. Their generosity in the midst of many other commitments made this second edition possible.

With so many necessary updates, additions, and contributors and a multiyear life-altering pandemic, our publisher Wiley has shown an impressive and unwavering commitment to this text and by extension veterinary nutrition. We are indebted to their team's guidance and patience, especially from Erica Judisch, Merryl Le Roux, Susan Engelken, Sally Osborn, Simon Yapp, ETC.

It is the four co-editors' collective hope that this second edition will further the practice of veterinary nutrition in small animals globally and serve you, the reader, as a ready and accessible resource to help your understanding, students, residents, clients, and/or patients.

Acknowledgments

I would like to welcome and thank Dr. Jennifer Larsen and Dr. Cecilia Villaverde for agreeing to assist in completing the second edition of the textbook with Dr. Sean Delaney and me.

I am also appreciative of all of our collaborators from around the world who worked so hard in bringing their expertise to this book. It is only through their tireless efforts that we have a second edition.

I remain truly grateful for the continuous support from my immediate family, my husband Greg, sons Noah and Ari, and our dog Holly.

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In the first edition, I acknowledged my teachers/mentors, veterinary nutrition colleagues, co-editor, family, and personal animal companions in detail. I remain very grateful to them all, especially my wife Siona, and daughters Maya and Ruby. For this second edition, I would like to concisely acknowledge my two new co-editors, co-workers, past students, residents, referring veterinarians and veterinary

specialists, clients, customers, and patients. I am forever better for having crossed paths with these tens of thousands of beings over the last three decades. These interactions have given me the frequent and great privilege to see people at their most humane. I hope this text helps to give a little back as a way to show my sincere appreciation for this gift.

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I would like first to express my thanks and appreciation to my co-editors. I am grateful to be a part of this project, which represents the collective experience, knowledge, and wisdom of each contributor. This text resource is a valuable contribution to our discipline, and I also thank each author for sharing their efforts with us.

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