This issue of *Veterinary Clinics of North America: Small Animal Practice* is dedicated to neurology. Our diverse and somewhat eclectic choice of topics reflects the diversity of veterinary neurology: a specialty where emergency medicine, internal medicine, imaging, and surgery come together in a unique way unparalleled by any other specialty. We asked each author to give a practical and up-to-date summary of the state-of-the-art in their area of expertise.

Both of us are cat lovers, so we are pleased to have articles on clinical evaluation of the cat with neurologic disease and on seizure management, areas that are important and yet remain underrepresented in the veterinary literature. Moving on to neurologic emergencies, it is our experience that many veterinarians give patients with head trauma a poorer prognosis than is sometimes merited. New advances allow successful management of many of these patients in a general practice setting, despite an often spectacular clinical presentation.

MRI has catapulted our specialty into a new era, so we would be remiss in neglecting any opportunity to continue to delve into new advances. We are grateful to our radiology colleagues for providing a new article on high-field MRI. While even a decade ago, vascular events were thought to be rare in small animals, advances in imaging have dramatically increased our ability to identify these events. Both CNS fungal infections and pituitary hypophysectomy surgery hinge on our ability to make a correct imaging diagnosis, and we are excited about bringing you the latest in these areas.

Leaving the brain, we move on to the spine. As above, imaging allows us to differentiate the many subtleties of intervertebral disc herniation (IVDH). Controversy regarding indications for surgical decompression and new discoveries about acute noncompressive disc extrusion and hydrated nucleus pulposus extrusion challenge our preconceived notions about IVDH. Fenestration continues to be a hot topic...and should we be doing fenestration rather than decompression? If decompression of the spinal cord is elected, is corpectomy better than hemilaminectomy? And can we do it minimally invasively? Access to better technology will pave the way for future surgical breakthroughs. For both specialists and generalists, these articles will certainly change...
the way you think about surgical intervention for the treatment of intervertebral disk disease.

As imaging has evolved, so has our access to 3D printers, usually using CT scans of our patients. With a turn-around time of less than 24 hours, both of the editors use 3D printed models when we approach challenging cases, and a review of this area is very timely. Discospondylitis, which seems to be becoming more common as we utilize more advanced imaging, continues to present diagnostic and therapeutic challenges. Finally, interest in acupuncture as an adjunct to conventional treatment is growing as more veterinarians gain experience with traditional Chinese veterinary medicine.

Both of us completed our neurology residencies at Texas A&M University, and we are grateful to our mentors, Drs Jonathan Levine (Taylor and Kerwin), Joseph Mankin (Taylor and Kerwin), and Dr Beth Boudreau (Kerwin), all of whom contributed in some way to this publication. Last, a special thank-you to our families, who put up with us during this event!

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