Pearls and Pitfalls in
HEAD AND NECK AND
NEUROIMAGING

Variants and Other Difficult Diagnoses
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Variants and Other Difficult Diagnoses

Nafi Aygun
Associate Professor of Radiology and Director of the Neuroradiology Fellowship Program, Johns Hopkins University, Baltimore, MD, USA

Gaurang Shah
Associate Professor of Radiology, University of Michigan Health System, Ann Arbor, MI, USA

Dheeraj Gandhi
Professor of Radiology, Neurology and Neurosurgery at the University of Maryland School of Medicine, Baltimore, MD, USA
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To my parents, Vrindavan and Vinu Shah, for their love and support; Kinnari, for taking the journey with me; and Sharvil and Sahil, for bringing joy into our lives.

Gaurang Shah

To Bobby, my best friend and life partner and for Shreya and Diya, my beautiful daughters and the love of my life.

Dheeraj Gandhi
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Preface

"A teacher is one who makes himself progressively unnecessary."
– Thomas Carruthers

It is with a great sense of pride that we introduce our endeavor entitled *Pearls and Pitfalls in Head and Neck and Neuroimaging*. We hope that this book will be fun to read and foster the understanding of difficult diagnoses and common pitfalls in Neuroimaging.

The three authors have different backgrounds and subspecialty Neuroimaging expertise, but have one thing in common—the love and passion for teaching the residents and fellows. This has resulted in accumulation of thousands of teaching files in our respective libraries. Years spent with the trainees in the reading room in wonderful academic institutions have given us an understanding of diagnoses that are commonly missed and imaging findings that are likely to be misinterpreted.

While a number of excellent books exist on the subject and practice of Neuroradiology, a book like this is unique. It aims to cover the lacunae that commonly exist in the knowledge of Neuroimaging and gives clarity to diagnoses that are difficult to make with certainty.

After deciding to proceed with this project, the three of us brainstormed and came up with 106 topics that we wanted to cover. These topics were divided into 19 sections. Each chapter is concise, yet gives a comprehensive overview of the subject matter.

We understand that time is precious and therefore wanted to create a resource that is precise and trustworthy. It is our hope that this treatise is easy to follow, unpretentious, and helpful.

The authors would like to thank all the Cambridge University Press staff who helped us tremendously every step of the way. In particular, we express our gratitude to Nisha Doshi and Beata Mako. Gaurang would also like to express his gratitude to Suresh Mukherji, Mark Shiroishi, Sanjay Jain, Prasan Rao, Jayant Narang and Mohammad Arabi for sharing their images and wisdom.

Our sincere thanks to the clinicians working with us for providing ever so important clinical feedback and learning that comes with it. Last but not the least, we thank our families for their unconditional support and patience during the writing of this project.

We hope that the readers will enjoy reading this book. We are open to any suggestions or criticism that the readers may have for its improvement and look forward to hearing from you.

Nafi, Gaurang, and Dheeraj