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Editor

Atlas of Emergency Medicine Procedures

Second Edition

 Springer

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*To my father, my role model and career coach. – **Dr. Ganti L. Rao**
Dad, I wouldn't have had the career I do were it not for you. Your
unconditional belief in me, your confidence in my success, your never-ending
patience and generosity – you lead a life of great achievements with utmost
humility. It is my privilege to be your daughter.*

Preface

In this second edition of the *Atlas of Emergency Medicine Procedures*, we expand on the highly successful first edition with several additional chapters as suggested by our readers. These include percutaneous cricothyrotomy, pigtail catheter placement for small pneumothoraces, resuscitative endovascular balloon occlusion of the aorta (REBOA), ultrasound evaluation of pulmonary embolism and heart strain, ventriculoperitoneal shunt evaluation, occipital nerve block, sphenopalatine ganglion block, conducted energy weapon (e.g., TASER) probe removal, ring removal, rongeur for distal phalanx amputations, and many more. Overall, there is approximately 25% new content. We thank our readers for the helpful feedback and support.

As with the first edition, it is envisioned that this atlas can be used at the bedside, both by seasoned clinicians as a teaching aid, as well as novice practitioners. The most common procedures are grouped by organ systems for ease of reference. Each procedure follows a standardized format, beginning with key words, a definition if appropriate, indications, and contraindications. These are followed by materials and medications, often accompanied by a photograph of the specific equipment or setup. The procedure itself is numbered rather than bulleted, highlighting the sequence of the steps. Photographs are placed where the relevant information is encountered in the text rather than at the end. Every procedure also lists complications. Finally, there is a part on pearls and pitfalls, gleaned from the collective experience of the contributors in addition to traditional teachings.

Emergency medicine, by nature, is a field that is best suited to a text that is visually appealing and brief in words, but able to deliver the information required. Thus, the emphasis in this second edition continues to be on high-quality images that tell the story. All images are either actual photographs taken of the procedure steps or specially commissioned drawings by Springer's professional illustration team.

Orlando, FL, USA

Latha Ganti

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