#### Timothy R. Deer

#### Atlas of Implantable Therapies for Pain Management



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### Foreword

I am honored to write this foreword to the Atlas of Implantable Therapies for Pain Management. While implantable devices for the treatment of intractable pain have been used for nearly half a century, never before has such a comprehensive atlas been available for the benefit of the pain practitioner. While several excellent texts have discussed the various aspects of neuromodulation for pain control, including patient, procedure and device selection, their complications, and outcomes, none have provided a detailed pictorial representation of what is a largely technical specialty. By being able to view the devices used for these neuromodulation procedures as well as the detailed procedures used for their implantation, the pain practitioner for the first time can gain access to this exposure that otherwise would require intense apprenticeship with an experienced and skilled mentor.

In this volume, Dr. Deer and his collaborators have provided a clear and instructive visual atlas that provides the pain practitioner not only with a step-by-step guide to these procedures but also instructive views of those procedural steps that require special attention or unique approaches. Nowhere in the history of pain medicine has this material been so lucid and readily available; as such, I expect that it will serve as the standard guide for students, fellows, and practitioners of interventional pain medicine.

Chicago, IL

Robert M. Levy

# Dedications and Acknowledgements

This book is dedicated to the many who have impacted its creation.

It is dedicated to my patients who continue the struggle against chronic pain and suffering. The patient–doctor relationship is a special relationship that is touching to the soul of the physician who experiences the success and failure of achieving the desired result.

It is dedicated to my partners and colleagues in West Virginia who have joined me in the struggle to care for the infirm. Christopher Kim has been critical to my success in practice and in life. Rick Bowman has been a terrific partner who has brought innovative thought and wide-reaching knowledge. Matt Ranson has brought a new energy to our practice that is contagious and awesome in its scope.

Doug Stewart, my good friend, has been a critical part of our surgical success, and an advocate for excellence in patient care. Wil Tolentino has been a daily blessing in the care of our patients with his skills in problem solving, efficiency, and friendship. Michelle Miller has been a daily part of the success of my practice; her work allows me to do my work, and I am very appreciative. I thank my nurses and assistants and value their work and contribution to our success.

Jeff Peterson has been critical to the completion of this atlas, and to the success of our practice. Jeff has a sound business mind and is an ethical guide to our practice and a trusted friend.

This book is dedicated to Jane Deer, a single parent, who sacrificed to raise an aspiring physician in a small town of West Virginia. Her ability to persevere gave me a role model that is engrained in my life.

It is also dedicated to the memory of my father, Raymond Deer, a tough coal miner who taught me to keep a positive attitude regardless of the perils and to have discipline in thought and work.

I also dedicate to James Cottrell. As a physician, uncle, friend, and father figure, Dr. Cottrell has been a role model for me. His kindness and caring have affected me greatly, both personally and professionally. I will be forever grateful.

To my children, Morgan, Taylor, Reed, and Bailie, I also dedicate this book. They are my inspiration for life. Their presence in my life makes each day brighter, and makes me realize the blessings I have received. It is a wonderful thing to watch them evolve and develop into beautiful, bright, wonderful people. I am very proud of each of them.

I dedicate this book to my wife, Missy. She has been the critical part of my life that has led to all good things and has helped me through all troubled waters. She is my friend, advisor, and counselor when I am worried, and the love of my life forever. I cannot express how much I appreciate her every day and how much I look forward to sharing with her the many years to come.

Finally, this book is dedicated to my God from whom all blessings flow. I thank God for his presence and guidance.

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