Imaging is an indispensable tool in the diagnosis and treatment of musculoskeletal disorders. Despite advances in magnetic resonance imaging (MRI) and computed tomographic (CT) imaging, ultrasound remains a useful imaging tool that boasts the advantage of real-time dynamic imaging, lack of radiation, and cost effectiveness. Musculoskeletal (MSK) ultrasound provides a multiplanar real-time high resolution imaging method for anatomy and pathology investigation. Ultrasound is a widely available and low-cost modality that in well-trained hands becomes an invaluable diagnostic tool. Although MRI is widely used in the Western world to diagnose MSK disorders, increasing healthcare costs are leading to a shift in utilizing ultrasound for MSK disorders, especially in the United States.

This book, *Musculoskeletal Ultrasound with MRI Correlations*, is presented in an atlas format. High-quality exemplary ultrasound images with MRI (and occasionally CT) correlation have been included to aid in the understanding of the different pathologies. The book is composed of 13 chapters. The chapters cover clinical indications; technical guidelines; normal anatomy; and degenerative, inflammatory, traumatic, tumoral, and miscellaneous pathologies. Pearls and pitfalls are included at the end of each chapter. The book details a practical, point-by-point checklist of how to perform MSK ultrasound.

We intended to present a well-organized and easy-to-read book, with key facts highlighted separately and in a bulleted style to facilitate learning. We hope and expect that this book will be a valuable addition to the technical know-how of MSK ultrasound as well as a pleasant reading at every level, during and after the training period in medical imaging. The information will be beneficial for sonographers, radiologists, orthopedic specialists, emergency medicine physicians, rheumatologists, and in-training physicians. Our goal was to provide a useful resource in their day-to-day practice.

We have assembled a group of leading MSK experts to contribute. This brings a global perspective to this book. Their valuable knowledge and experience in this field as well as their dedication and hard work allowed this project to materialize. We are very grateful to them.

*Vikram S. Dogra, MD*

*Diana Gaitini, MD*