

Preface



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Guest Editor

This issue of *Ultrasound Clinics* addresses the role of ultrasound imaging-guided procedures. Despite advances in CT and MR imaging, ultrasound boasts the advantage of continuous uninterrupted real-time needle visualization, lack of radiation, and cost effectiveness. Emerging ultrasound technologies, such as high resolution linear probes, better depict a wide spectrum of abnormalities now, even at depth of 8–10cm. These probes are particularly useful for liver and kidney transplant biopsies, adding greater detail and higher accuracy.

Our goal is to present the expanding role of interventional sonography in the chest, abdomen, and pelvis, outlining the indications, techniques, potential pitfalls and complications. In addition, we will highlight exciting innovations, such as fusion imaging, a technology that melds images obtained by CT or MR imaging with sonograms. It has proven particularly valuable for biopsy procedures targeting ill-defined or small lesions.

I was fortunate to have exceptional individuals, who are experts in their fields, to contribute to this issue. I am very grateful to them. Without their dedication and hard work, this project would never have materialized. I would like to express my appreciation to my friend and colleague, Dr. David DiSantis, for his advice and support. I am also thankful to Elsevier, and specifically Barton Dudlick, for inviting me to participate. I hope you will find this issue of *Ultrasound Clinics* a useful resource in your day-to-day practice.

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