

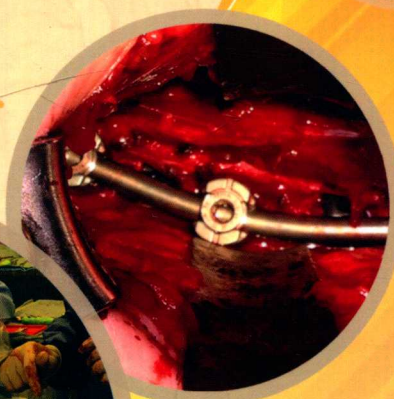
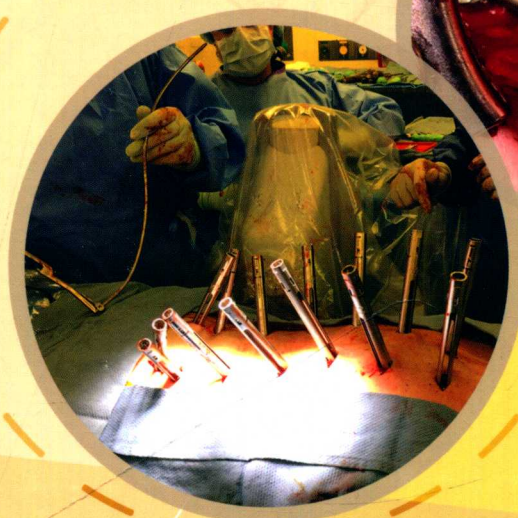
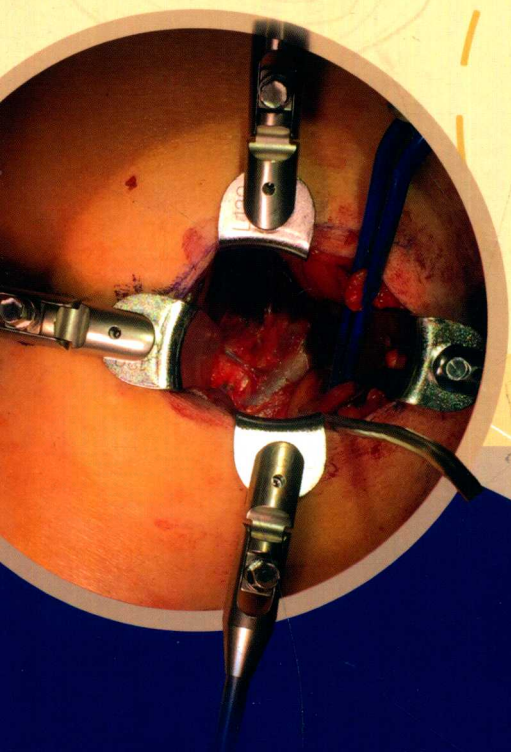


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Minimally Invasive Spine Surgery



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Minimally Invasive Spine Surgery

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Minimally Invasive Spine Surgery

*To my mother, Phyllis, who found the best in people, who had compassion
for all, and whose insight, guidance, and love have always made
me believe that anything is possible.*

Paul Tornetta III, MD

To my heroes, my parents Youssef and Regina, and my brothers and sisters Minerva, Elie, Mona, and George: you were the candles that lit my path during the dark years of the Lebanese war, the light that showed me right from wrong, the important from the less important.

To my best achievement in life, my wife Viviane Sacy, and my amazing children Jasmine, Tamara, and Mark: thanks for supporting me unconditionally.

To my patients whose love and trust made me a better doctor, and without them I would not have been able to edit such a book.

*To the young minds who will read this book: never stop challenging yourselves—
the sky is your limit!*

Tony Tannoury, MD

To my boys Bradley and Matthew and my wife Sandra for their love and support. May you find and follow your passion in life. May you have the courage to dream big dreams.

D. Greg Anderson, MD

To my parents, Minerva and Akl, for your eternal support, guidance, and wisdom.

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Series Preface

It is my pleasure to introduce the third volume of the series, Minimally Invasive Orthopaedic Surgery. This book builds on the tradition of advances that orthopaedic surgery has made and captures the exciting methods being introduced by current innovators. Obtaining faster recovery while minimizing risk is the goal of minimally invasive procedures.

This volume, edited by Chadi Tannoury, Tony Tannoury, and D. Greg Anderson, will focus on minimally invasive spine surgery. Over the past 15 years, the advent of better instrumentation and innovations in technique have allowed previously done open procedures to be performed with soft tissue-sparing methods. The editor has gathered experts in minimally invasive procedures and has presented them in a uniform way including the indications, setup, technical aspects of surgery, and the problem areas.

I am proud to see this series advance with this volume on spine surgery.

Paul Tornetta III

Preface

This book, entitled *Minimally Invasive Spine Surgery*, is not a simple reiteration of the well-publicized attributes of minimally invasive surgery (MIS) of the spine. As the new generation of spine surgeons embraces the culture of “MIS,” old-time mentors and spine patriarchs are still devoted to the “standard open” restoration of spinal ailments. As a result, many contemporary spine surgeons are facing the dilemma of embracing the old fashion “standard open” surgery on one hand, and feeling the urge to ride the rapidly advancing wagon of “minimally invasive” surgery on the other.

“What would the traditional spine surgery guru think about certain novel minimally invasive techniques and their applications?” This inquiry has inspired the inception of this work. With its unique rebuttal format, this book aims at presenting the existing minimally invasive techniques, followed by forthright critiques offered by the “standard open” spine surgery experts.

This publication targets the debates between contrasting opinions that help to dissect each topic in an effort to provide a broader understanding of the pros and cons of each approach. This text serves as a transparent and balanced guide for sound surgical decision-making that can be used to bridge the gap between “standard” and “disruptive” new surgical techniques.

Chadi Tannoury

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