



# The 7th Annual Raymond G. Tronzo Lectureship University of Pennsylvania Department of Orthopaedic Surgery Grand Rounds October 7, 2010



Guest Lecturer: Thomas S. Thornhill, M.D.,  
Chairman, Department of Orthopaedic Surgery, and  
John B. and Buckminster Brown Professor of Orthopaedic Surgery,  
Brigham and Women's Hospital, Boston MA

Covered by: Chancellor F. Gray, MD



Dr. Thomas S.  
Thornhill

The University of Pennsylvania Department of Orthopaedic Surgery was pleased to host Dr. Thomas Thornhill for the Seventh Annual Raymond G. Tronzo endowed lectureship on October 7, 2010.

Dr. Raymond Tronzo came to the University of Pennsylvania from the Medical College of Pennsylvania, where he had been Chief of the Division of Orthopaedic Surgery, and after completing his undergraduate training at Penn State and his medical education at Jefferson Medical College. A modern innovator of hip surgery, Dr. Tronzo is known throughout the orthopaedic community for both his Tronzo prosthesis, one of the early modern total hip replacements, as well as for his seminal work on hip surgery, entitled *Surgery of the Hip Joint*, published in 1972. This text is considered one of the earliest modern textbooks on hip surgery.

As a passionate teacher and hip surgeon, Dr. Tronzo and his wife, Diana, established the Tronzo Lectureship as an endowed lectureship to bring leading hip surgeons to the University of Pennsylvania for the purpose of resident education and to promote further innovation in hip surgery through exchange of ideas.

Dr. Thornhill was a natural choice to be this year's invited Tronzo lecturer. As the Chairman of the Department of Orthopaedic Surgery at the Brigham and Women's Hospital, in Boston, MA, and the John B. and Buckminster Brown Professor of Orthopaedic Surgery at Harvard Medical School, Dr. Thornhill has been both a pioneer in hip surgery and a champion of resident education. Dr. Thornhill is also the unique orthopaedist with an interest in clinical medicine, having

both completed a residency and becoming board certified in Internal Medicine prior to beginning his orthopaedic training. This training gives Dr. Thornhill an atypical and valuable perspective in the treatment of orthopaedic disease.

Like Dr. Tronzo, Dr. Thornhill has authored extensively on the topic of hip surgery, including a celebrated textbook on revision hip surgery, *Revision Total Hip Arthroplasty*. A true renaissance man of orthopaedics, Dr. Thornhill counts among his other primary interests the topic of avascular necrosis, improving health outcomes, and shoulder arthroplasty.

For the first half of his visit, Dr. Thornhill observed case presentations from the residents, sharing the expertise gained over his thirty-year career as an arthroplasty surgeon, helping to share with the residents his approach to arthroplasty, and several pearls for improving outcomes, and techniques for avoiding pitfalls.

Dr. Thornhill's grand rounds lecture, delivered in the second half of his visit, was entitled "Current Controversies in Total Hip Arthroplasty". Dr. Thornhill touched on the salient changes to come about in the last twenty-five years, beginning by discussing the right and wrong times to cement total hips. He then proceeded to discuss advantages and disadvantages of mini-incision hip surgery, and the various bearing options currently available. Dr. Thornhill concluded his lecture with a discussion of the difficulty and importance of accurate cup positioning in total hip arthroplasty.

We are sincerely grateful to Dr. Thornhill for spending the day with us, and sharing his immense knowledge and experience with Penn, and for honoring the legacy of Dr. Ray Tronzo.