



Thomas P. Sculco, M.D., Surgeon-in-Chief and Korein-Wilson Professor of Orthopedic Surgery

EDITORS' NOTE *Dr. Thomas Sculco is also the Chairman of the Department of Orthopedic Surgery and a Professor of Orthopedic Surgery at Weill Cornell Medical College. He has written more than 235 papers and 64 chapters, and has presented over 540 papers on orthopedic surgery and the surgical treatment of arthritis. He was included in New York magazine's 2009 and 2010 list of "Best Doctors in New York."*

Thomas P. Sculco

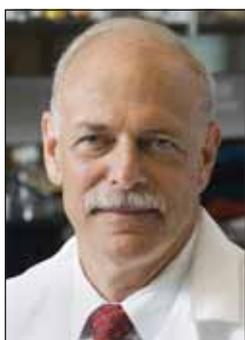
We are the largest musculoskeletal orthopedic hospital in the world, by far. This hospital has been engaged in orthopedic surgery for almost 147 years. So there are a lot of advances that occurred here.

The first orthopedic residency program anywhere was founded here in the 1890s. This hospital was the first to develop, to a large extent, joint replacement surgery and do it in a multidisciplinary way where engineers and surgeons worked together in the design of these devices. We look at it as a multidisciplinary approach in terms of design and development of implants.

The first modern total knee replacement was developed at HSS. We also developed many designs in hip replacements, elbow replacements, and shoulder replacements – we've developed implants for just about every joint in the body through our engineering and surgical department.

We also pioneered the use of regional anesthesia for joint-replacement surgery, and we developed customized operating rooms that have the lowest infection rate in the world for hip and knee replacements.

Also, this hospital was the first to use the concept of minimally-invasive surgery, particularly for hip replacement that has now become popularized throughout the world. This allows for speedy recovery and a reduction in blood loss in most of our patients. ●



Steven R. Goldring, M.D., St. Giles Chair and Chief Scientific Officer

EDITORS' NOTE *Dr. Steven Goldring is also Professor of Medicine at Weill Cornell Medical College in New York City. Prior to this, he was a Professor of Medicine at Harvard Medical School and Chief of Rheumatology at Beth Israel Deaconess Medical Center in Boston, Massachusetts. He is the past Chairman of the Research Committee of the National Arthritis Foundation. Goldring co-chaired the Keystone Conference on the Pathogenesis of Rheumatoid Arthritis. He is the recipient of the Paul Klemperer Award from the New York Academy of Medicine.*

Steven R. Goldring

York Academy of Medicine.

As Chief Scientific Officer, my role is to oversee the full spectrum of research activity at Hospital for Special Surgery, ranging from clinical research – outcomes research and comparative effectiveness research – to the very deep basic bench research.

Along that spectrum, there is a mix of basic and clinical research that falls into the category of translational research. My charge is to make sure that our research is of the highest quality and that it is sustainable in terms of being able to compete for peer review funding against the very top science going on across all different fields. We must also ensure that it is relevant, so that the people who are interested in philanthropy see that there is value in such research. Most importantly, we also make sure the research has applications that translate to making a difference in terms of patient care and outcomes.

The excitement for me is that this work focuses on the area of musculoskeletal research, because my whole career has been spent in studying and researching musculoskeletal problems, and in translating what I learned taking care of patients to what I do in the laboratory. ●



Mary K. Crow, M.D., Physician-in-Chief and Chair of the Department of Medicine

EDITORS' NOTE *Dr. Mary Crow is also Professor of Medicine and Chief of the Rheumatology Division at Weill Cornell Medical College and Professor of Immunology in its Graduate School of Medical Sciences. She holds the Joseph P. Routh Endowed Chair in Medicine and is a Senior Scientist and Co-Director of the Mary Kirkland Center for Lupus Research and Director of the Autoimmunity and Inflammation Program in the Research Division of HSS. Crow received her M.D. at Cornell, completed her Internal Medicine and Rheumatology subspecialty training at*

Mary K. Crow

New York Hospital and HSS, and completed her postdoctoral research training at Rockefeller University in the laboratory of Dr. Henry Kunkel.

Because HSS is a unique hospital with a focus on musculoskeletal disorders, we're in a special place to make a real impact on patient care and the field of rheumatology. We also have a rare coherence between the research and clinical sides of academic medicine.

We consider ourselves leaders in the understanding of the underlying mechanisms of some of the most complex diseases that fall under the umbrella of rheumatology, which encompasses many diseases, including systemic autoimmune diseases such as lupus, scleroderma, and rheumatoid arthritis.

HSS has put a great deal of energy and resources into identifying novel targets for therapy and toward understanding the molecular basis of the underlying immune system disorders. We invite patients to participate in translational research studies to determine how those potential targets for therapy might be taken forward into drug development programs.

When I was a fellow in training, more than 25 years ago, patients would sometimes die of rheumatoid arthritis, or be confined to wheelchairs. We rarely see that level of disability today. ●



Stephanie J. Goldberg, RN, MSN, NEA-BC, Senior Vice President and Chief Nursing Officer

EDITORS' NOTE *Stephanie Goldberg entered the United States Navy as an Ensign assigned to the Charleston, South Carolina Naval Hospital, and in 1976, she received her Honorable Discharge as a Lieutenant and continued with her government service at the U.S. Public Health Hospital in San Francisco. In 1977, she relocated to the East Coast and affiliated with the Hackensack University Medical Center (HUMC). During her tenure at HUMC, Goldberg held progressive management positions. In 2005, she accepted her current post.*

Stephanie J. Goldberg

Stephanie Goldberg received her nursing diploma from Holy Name Hospital School of Nursing in 1973 and her Bachelor of Science in Nursing from William Paterson University in 1981. She received her Master of Science in Nursing from Rutgers University in 1987.

As a Magnet hospital, we have an organized approach to achieving excellence in the delivery of patient care. The Magnet Model serves as a performance improvement framework that we live and breathe by in nursing, in terms of developing the work environment so that nurses can take the best possible care of our patients. That framework is based on several factors including quality measures, staffing, orientation, education, and certification of our nursing workforce.

We have also put systems in place like electronic documentation, which will allow nurses to spend more time with patients. My goal is to create the processes and systems to allow the nurses and employees who take care of our patients to spend more time with them.

Being a Magnet hospital, we are required every year to participate in the NDNQI nurse satisfaction survey, which ranks us against other Magnet hospitals across the country. In the most recent survey, Hospital for Special Surgery ranked very high in nurse satisfaction among our Magnet peer hospitals. ●