HSS Stavros Niarchos Foundation Orthopaedic Seminar Program

NOVEMBER 27–DECEMBER 1, 2018
Hospital for Special Surgery | New York City

Management of the Complex Primary Knee & Hip Replacement

2018 Annual Holiday Knee & Hip Course

Presented by HOSPITAL FOR SPECIAL SURGERY Office of Continuing Medical Education and funded by the STAVROS NIARCHOS FOUNDATION
INTRODUCTION
Since 2006, Hospital for Special Surgery (HSS) has offered annual Stavros Niarchos Foundation Orthopaedic Seminars and Stavros Niarchos—Thomas P. Sculco, MD Orthopaedic Fellowships, initiatives that have been critical to advancing the education of orthopaedic surgeons from Greece. The continued support from the Stavros Niarchos Foundation has allowed the creation of new educational endeavors for Greece’s orthopaedic surgeons.

Founded in 1863, Hospital for Special Surgery is the nation’s oldest orthopaedic hospital. More than 38,000 surgical procedures are performed annually. HSS performs more hip surgeries and more knee replacements than any other hospital in the nation. For the ninth consecutive year, HSS has been ranked the No. 1 hospital in the country for orthopaedics by U.S. News & World Report Best Hospitals 2018-19 rankings. HSS has also been recognized as a leader in rheumatology, ranking No. 3 in the nation.

Hospital for Special Surgery provides leadership and expertise in musculoskeletal care benefiting patients, physicians, and researchers across the world. Patients travel across oceans and continents to HSS for treatment; international fellows train here and return to their home countries with new skills and ideas; and our researchers collaborate with their peers from other global institutions searching for the answers to address musculoskeletal and autoimmune diseases.

MISSION & VISION
The mission of Hospital for Special Surgery is to provide the highest quality patient care, improve mobility and enhance quality of life and to advance the science of orthopaedic surgery, rheumatology and their related disciplines through research and education. The vision of Hospital for Special Surgery is to lead the world as the most innovative source of medical care, to be the premier research institution and the most trusted educator in the field of orthopaedics, rheumatology and their related disciplines.

AFFILIATIONS & ACCREDITATIONS
Hospital for Special Surgery is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians as well as the Joint Commission on Accreditation of Healthcare Organizations. It is an affiliate of Weill Cornell Medicine and cooperates in patient care with Memorial Sloan-Kettering Cancer Center, New York-Presbyterian/Weill Cornell Medicine and The Rockefeller University. Hospital for Special Surgery’s continuing professional education activities are intended to be evidence-based and free of commercial bias.

STAVROS NIARCHOS FOUNDATION
The Stavros Niarchos Foundation (SNF) [SNF.org] is one of the world’s leading private, international philanthropic organizations, making grants to nonprofit organizations in the areas of arts and culture, education, health and sports, and social welfare. Since 1996, the Foundation has committed more than $2.6 billion, through more than 4,000 grants to nonprofit organizations in 124 nations around the world.

The SNF funds organizations and projects, worldwide, that aim to achieve a broad, lasting and positive impact for society at large, and exhibit strong leadership and sound management. The Foundation also supports projects that facilitate the formation of public-private partnerships as an effective means for serving public welfare.

ACKNOWLEDGEMENT
Hospital for Special Surgery gratefully acknowledges the Stavros Niarchos Foundation for its generous grant to support these medical education initiatives.

Photo, top right: Participants and faculty of the 2017 HSS Stavros Niarchos Foundation Orthopaedic Seminar Program
Management of the Complex Primary Knee & Hip Replacement

NOVEMBER 27–28, 2018

OVERVIEW
The five day Stavros Niarchos Foundation Orthopaedic Seminar Program will focus on the latest advances in knee and hip reconstruction surgery. The first two days will consist of seminars including a combination of didactic sessions, case consultations, roundtable discussions, hands on cadaver training workshops, and operating room observation to expose participants to the complexities and decision-making processes of surgery, as well as advanced surgical techniques. Specifically, the first day of the program will concentrate on complex primary total knee replacement. Topics include alignment targets, complications after total knee replacement, managing bone loss, preoperative planning, and implant selection. The second day will focus on complex primary total hip replacement, and includes topics such as hip dysplasia, total hip arthroplasty approaches, and techniques for implant removal. The final three days of the program include attendance at the 2018 Annual Holiday Knee & Hip Course to learn the latest trends and techniques in hip and knee surgery.

TARGET AUDIENCE
Orthopaedic surgeons practicing in Greece.

LEARNING OBJECTIVES
- Describe the core principles underlying complex primary knee and hip surgeries
- Recognize necessary foundational total knee and hip replacement techniques and implement these skills in the cadaver lab
- Describe additional considerations, such as pre-operative planning and patient selection, for total knee and hip replacements
- Explain perioperative management of total knee and hip replacement patients
- Identify complexities around knee and hip deformities and their treatment decision making algorithms
- Recognize the latest surgical trends in the treatment of complex cases

FINANCIAL DISCLOSURE
In accordance with the Accreditation Council for Continuing Medical Education’s Standards for Commercial Support, all CME providers are required to disclose to the activity audience the relevant financial relationships of the activity directors, planning committee members, presenters, authors and staff involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control.

It is the policy of Hospital for Special Surgery to request all financial relationships that activity directors, planning committee members, presenters, authors and staff have with commercial interests, but to disclose to the activity audience only the relevant financial relationships.

Access didactic lectures, surgical videos, conversations with experts, and more online from the comfort of your home or office computer. HSS.edu/eAcademy has curated one of the largest portfolios of on-demand musculoskeletal content with a collection of over 600 offerings reaching participants across the globe in over 128 countries.
## Management of the Complex Primary Knee & Hip Replacement Program Agenda

### Tuesday, November 27, 2018
**Complex Primary Knee**

**Session Moderator:** Peter K. Sculco, MD  
**Location:** Richard L. Menschel Education Center, Conference Room C, 2nd Floor

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<tr>
<th>Time</th>
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<th>Presenters</th>
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<tr>
<td>6:45 am</td>
<td>Welcome &amp; Breakfast</td>
<td>Thomas P. Sculco, MD</td>
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| 8:00 am | GROUP A—Cadaveric Training  
Measured Resection vs. Gap Balancing | Peter K. Sculco, MD  
Exposure of the Stiff Knee Including Tibial Tubercle Osteotomy | Michael B. Cross, MD |
| 10:00 am | Lab Turnover/Break | |
| 11:00 am | GROUP A—Observation in the OR | |
| 12:00 pm | Lunch: Case Studies/Roundtable Discussions | Thomas P. Sculco, MD  
Mathias P.G. Bostrom, MD |
| 1:00 pm | Afternoon Didactic Lecture | |
| 2:00 pm | Pre-Op Planning/Implant Selection | Mathias P.G. Bostrom, MD |
| 2:25 pm | Gap Balancing | Friedrich Boettner, MD |
| 2:50 pm | Total Knee Arthroplasty Alignment Targets | Peter K. Sculco, MD |
| 3:15 pm | Lessons Learned From Intraoperative Sensing for Total Knee Arthroplasty | Alejandro Gonzalez Della Valle, MD |
| 3:40 pm | Break | |
| 4:00 pm | Complications: Infections/Painful | Mathias P.G. Bostrom, MD |
| 4:25 pm | Complex Primary: Varus, Valgus, Stiff | Friedrich Boettner, MD |
| 4:50 pm | Navigation/Robotics Total Knee Arthroplasty | David J. Mayman, MD |
| 5:15 pm | Managing Bone Loss | Michael B. Cross, MD |
| 5:40 pm | Concluding Session | |
| 7:30 pm | Dinner | |

### Wednesday, November 28, 2018
**Complex Primary Total Hip**

**Session Moderator:** Alexander S. McLawhorn, MD, MBA  
**Location:** Richard L. Menschel Education Center, Conference Room C, 2nd Floor

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<th>Time</th>
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<tr>
<td>7:00 am</td>
<td>Breakfast</td>
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| 8:00 am | GROUP B—Cadaveric Training  
Posterior/Anterior/Anterior Lateral Approaches (Hip) | Michael M. Alexiades, MD  
Extended Trochanteric Osteotomy/Wagner Osteotomy | Alberto Carli, MD |
| 10:00 am | Lab Turnover/Break | |
| 11:00 am | GROUP A—Observation in the OR | |
| 12:00 pm | Lunch: Case Studies/Roundtable Discussions | Alexander S. McLawhorn, MD, MBA  
Peter K. Sculco, MD |
| 1:00 pm | Afternoon Didactic Lecture | |
| 2:00 pm | Pre-Op Planning/Implant Selection | Alberto Carli, MD |
| 2:25 pm | Navigation/Robotics Total Hip Arthroplasty | Alexander S. McLawhorn, MD, MBA |
| 2:50 pm | Rapid Recovery Total Hip Arthroplasty | Michael P. Ast, MD |
| 3:15 pm | Total Hip Arthroplasty Approaches | Michael M. Alexiades, MD |
| 3:40 pm | Break | |
| 4:00 pm | Painful Total Hip Arthroplasty | Michael M. Alexiades, MD |
| 4:25 pm | Dysplastic Hip | Peter K. Sculco, MD |
| 4:50 pm | Top 5 Ways to Avoid Complications in Total Hip Arthroplasty | Bradford S. Waddell, MD |
| 5:15 pm | Techniques for Implant Removal: Hip | Peter K. Sculco, MD |
| 5:40 pm | Concluding Session | |
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For more info about HSS-Stavros Niarchos Orthopaedic Education Programs please visit hss.edu/niarchos-orthopaedic-education-program.