Advanced Decision-Making and Treatment of Articular Cartilage and Meniscus
APEx Series
Scott D. Gillogly, MD; Nicholas A. Sgaglione, MD
Robert E. Hunter, MD
Jack Farr, II, MD
Bert R. Mandelbaum, MD

Auditorium B
August 18-20, 2017

Friday 08/18
3:00-3:30PM  Registration/Sign-In
3:30-4:15PM  Industry Spotlight Demo-Aesculap (non-CME)
            NOVOCART3D For Articular Cartilage Defects of the Knee
            Alex K. Meininger, MD
            Moderator: Jack Farr, II, MD
4:15-4:30PM  Q&A
4:30-5:15PM  Industry Spotlight Demo-JRF Ortho (non-CME)
            Viable Osteochondral Allograft Solutions with Minimal Wait
            Jack Farr, II, MD
            Moderator: Bert R. Mandelbaum, MD
5:15-5:30PM  Q&A
5:30-6:15PM  Working Dinner

5:30-6:15PM  Industry Spotlight Demo-Vericel (non-CME)
            MACI® (autologous cultured chondrocytes on porcine collagen membrane)
            Aaron J. Krych, MD
            Moderator: Adam Yanke, MD
6:15-6:30PM  Q&A
6:30-7:15PM  Industry Spotlight Demo-Smith & Nephew (non-CME)
            Robert E. Hunter, MD
7:15-7:30PM  Q&A

7:30PM  CME Course Begins

Case-Based Lectures & Panel Discussions

7:30-7:45PM  Welcome: Orientation of Laboratory & Course Philosophy
              Nicholas A. Sgaglione, MD
7:45-8:15PM  Meniscus Repair, Resection and Transplantation
              Aaron J. Krych, MD, Kevin Bonner, MD, Thomas R. Carter, MD, Robert E. Hunter, MD,
              John Cavanaugh, PT/ATC; Luke S. Oh, MD; Ronak M. Patel, MD
              Moderator: Nicholas A. Sgaglione, MD
8:15-8:30PM  Stem Cells: Fact, Fiction, Evolving Concepts
              CT Vangsness, MD
8:30-9:00PM  Biological Injections: HA, CS, PRP, Amnion: Why, When, How, and What
              Jack Farr, II, MD, Adam Yanke, MD, CT Vangsness, MD, Jason Koh, MD; Lutul D. Farrow, MD;
              Robert C. Kersey, MD; Shariff K. Bishai, MD; Ronak M. Patel, MD
              Moderator: Bert R. Mandelbaum, MD
9:00 PM  Course Adjourns
## Auditorium B

**Saturday 08/19**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>6:15-6:45AM</td>
<td>Breakfast at Hampton Inn</td>
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<td>6:45AM-8:30AM</td>
<td>Locker assignment- Change into Scrubs</td>
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| 7:00-7:30AM| Overview of Indications, Comorbidities, Practical Assessment and Approaches  
              Jack Farr, II, MD                                                |
| 7:30-8:30AM| Articular Cartilage: Trouble I have got into and how I solved it       
              Nicholas A. Sgaglione, MD, Jack Farr, II, MD, Scott D. Gillogly, MD, Kevin Bonner, MD, CT 
              Vangsness, MD; Guillem Gonzalez-Lomas, MD; David C. Neuschwander, MD; Aaron J. Krych, MD  
              Moderator: Robert E. Hunter, MD                                  |
| 8:30-9:15AM| The state of the Art Rehabilitation and Articular Cartilage Resurfacing  
              John Cavanaugh, PT/ATC                                            |
| 9:15-10:00AM| Osteochondritis Dissecans: State of the Art                           
              Jack Farr, II, MD, Bert R. Mandelbaum, MD, Kevin Bonner, MD, Aaron J. Krych, MD; Thomas R. 
              Carter, MD; Travis Maak, MD                                        
              Moderator: Scott D. Gillogly, MD                                  |

**Move to Cadaver Lab**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:00-12:00PM</td>
<td>Hands-On Cadaver Lab</td>
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<td>Meniscus Repair, Meniscus Transplant</td>
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| 10:45-11:00AM| Live Demo: Meniscal Transplantation and Repair                        
              Thomas R. Carter, MD                                               
              Moderators: Scott Gillogly, MD, Robert E. Hunter, MD                |
### Move to Auditorium A

**12:00-1:20PM**  
Lunch and Lectures

#### Case-Based Lectures & Panel Discussions

**12:00-12:45PM**  
Marrow Stimulation: What is the State of the Art?  
*Adam Yanke MD, Jack Farr, II, MD, Christopher Uggen, MD, Lutul D. Farrow, MD, Thomas R. Carter, MD, John Cavanaugh, PT/ATC; Robert C. Kersey, MD; Luke S. Oh, MD*  
**Moderator:** Kevin Bonner, MD

**12:45-1:30PM**  
Autogenous Osteochondral Transfer- Pearls and Pitfalls  
*Nicholas A. Sgaglione, MD, Jack Farr, II, MD, Lutul D. Farrow, MD; Aaron J. Krych, MD; Christopher W. Uggen, MD; Robert C. Kersey, MD, Luke S. Oh, MD*  
**Moderator:** Jason L. Koh, MD

**1:30-2:15PM**  
Osteochondral Allograft Transplantation- How to Make it Work  
*Adam Yanke, MD, Lutul D. Farrow, MD, Thomas Carter, MD, CT Vangsness, MD; Nicholas A. Sgaglione, MD; Shariff K. Bishai, MD; Alex K. Meininger, MD*  
**Moderator:** Bert R. Mandelbaum, MD

**2:15-3:00PM**  
Cell Based Transplantation-A Step by Step Approach  
*Shariff Bishai, MD, Bert Mandelbaum, MD, Jack Farr, II, MD, John Cavanaugh, PT/ATC, Robert C. Kersey, MD; Kevin F. Bonner, MD, Travis Maak, MD*  
**Moderator:** Scott D. Gillogly, MD

### Move to Cadaver Lab

**3:00-6:30PM**  
Hands-On Cadaver Lab  
Autogenous Osteochondral Transfer  
Osteochondral Allografts  
ACI- Certification Options  
Juvenile Chondrocyte Implantation

### Move to Auditorium B

**6:30-7:30PM**  
Summary Case Presentations (Bring your own); Revisions, Complications and Complex Combined Cases (Take Home Messages)  
*Jack Farr, II, MD, Bert Mandelbaum, MD, Nicholas A. Sgaglione, MD, Kevin Bonner, MD, Alex Meininger, MD; Aaron J. Krych, MD*  
**Moderator:** Scott Gillogly, MD

**7:30PM**  
Course Adjourns

08/11/2017
### Auditorium B

**Sunday 08/20**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers</th>
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<tr>
<td>7:00-8:30AM</td>
<td>Coffee</td>
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<tr>
<td>7:00-7:45AM</td>
<td><strong>Case-Based Lectures &amp; Panel Discussions</strong></td>
<td>Osteotomies: CW, OW, TTO</td>
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<td>Christopher W. Uggen, MD, Kevin Bonner, MD,</td>
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<td>Jason Koh, MD, Jack Bert, MD</td>
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<td><strong>Moderator:</strong> Jack Farr, II, MD</td>
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<td>7:45-8:15AM</td>
<td>UKA / Resurfacing</td>
<td>Jack M. Bert, MD</td>
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<td>8:15-9:00AM</td>
<td>Emerging Technologies: New Frontiers and</td>
<td>Jack Farr, II, MD</td>
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<td>Practical Approaches</td>
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<tr>
<td>9:00-9:45AM</td>
<td>Summary Case Presentations</td>
<td>Moderators: Nicholas A. Sgaglione, MD, Bert</td>
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<td>R. Mandelbaum, MD, Scott D. Gillogly, MD,</td>
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<td>Jack Farr, II, MD</td>
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<tr>
<td>9:45-10:30AM</td>
<td><strong>Move to Cadaver Lab</strong></td>
<td>PTO, Unicompartment Replacement, TTT, Open</td>
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<td>Discection</td>
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<tr>
<td>10:30-11:00AM</td>
<td>Small Group Demo-Unicompartment Prosthesis</td>
<td>Jack M. Bert, MD, Jack Farr, II, MD</td>
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<tr>
<td>12:00PM</td>
<td><strong>Course Adjourns</strong></td>
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APEx Series

Distinguished Professors
Scott D. Gillogly, MD, Atlanta, GA
Robert E. Hunter, MD, Salida, CO

Course Chairman
Nicholas A. Sgaglione, MD, Great Neck, NY

Course Directors
Jack Farr, II, MD, Greenwood, IN
Bert R. Mandelbaum, MD, Santa Monica, CA

Lab Instructors
Jack M. Bert, MD, Woodbury, MN
Shariff K. Bishai, MD, Birmingham, MI
Kevin F. Bonner, MD, Virginia Beach, VA
Thomas R. Carter, MD, Phoenix, AZ
John Cavanaugh, PT, Hicksville, NY
Jorge Chahla, MD, Vail, CO
Lutul D. Farrow, MD, Strongsville, OH
Guillem Gonzalez-Lomas, MD, New York, NY
Kristoffer J. Jones, MD, Manhattan Beach, CA
Robert C. Kersey, MD, Tucson, AZ
Jason L. Koh, MD, Evanston, IL
Aaron J. Krych, MD, Rochester, MN
Travis Maak, MD, Salt Lake City, UT
Alexander K. Meininger, MD, Steamboat Springs, CO
David C. Neuschwander, MD, Monroeville, PA
Luke S. Oh, MD, Boston, MA
Ronak M. Patel, MD, Hinsdale, IL
Christopher W. Uggen, MD, Kalamazoo, MI
C.T. Vangsness, MD, Los Angeles, CA
Adam Yanke, MD, Chicago, IL

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