

**“Cutting-Edge Developments on Proximal Modularity in THA”  
Mini-Symposium AAHKS, November 7, 2008 Dallas, TX**

**Course Co-Directors**

**Timothy McTighe, Dr. H.S. (hc),  
Executive Director**

**Joint Implant Surgery & Research Foundation (JISRF)  
Chagrin Falls, Ohio**

**&**

**Thomas Tkach, M.D., Clinical / Surgical Research Advisor, (JISRF)  
Orthopaedic Surgery and Joint Reconstruction, Bone & Joint Hospital, OKC, OK**

## **Joint Implant Surgery & Research Foundation**



The Foundation, through the leadership of Prof. Bechtol, its Founder, was pioneering in many areas of hip and total joint surgery as far back as 1954. His first Endo stem design in 1954 introduced steps on the proximal stem, for the transfer of hoop strain into compressive forces. He went on to design: “The Bechtol Total Hip System”, The Bechtol Total Knee System”, The Bechtol Total Shoulder and the first Patella-Femoral Total Joint System.

In 1952 he presented the first lecture to the AAOS relating engineering principles to orthopaedic surgery. He was a founding member of the F4 Committee (biomaterials) of the ASTM. He was Professor of Orthopaedics at both Yale and UCLA and Established the Yale Biomechanics Laboratory.

JISRF Founder: Professor [Charles O. Bechtol, M.D.](#)

Formed in April, 1971, the mission for the Foundation has remained the same:

***“The specific and primary purposes are to operate for scientific purposes by conducting medical research of improvements in medical and surgical methods and materials for preserving and restoring the functions of the human body joints and associated structures which are threatened or impaired by defects, lesions or diseases.”***

JISRF started sponsoring C.M.E. courses on Total Hip Surgery (first course "Total Hip Arthroplasty" November 1971, 55 surgeons attended. Since then the Foundation has sponsored hundreds of seminars with thousands of surgeons, nurses and industry personnel in attendance.

We are pleased to be able to continue the work and vision of Prof. Charles O. Bechtol, M.D. ([www.jisrf.org](http://www.jisrf.org))



## Course Faculty

**Hugh U. Cameron, MB, C.H.B.S.,** Orthopaedic & Arthritic Institute, Toronto, Canada, Joint Implant Surgery & Research Foundation, Board Member

**Terry Clyburn, MD.,** Clinical Associate Professor of Orthopaedics, The University of Texas at Houston, and The Baylor College of Medicine.

**Thomas Donaldson, MD.** Assistant Clinical Professor, Loma Linda University, Loma Linda, Ca., Director and Founder Donaldson Arthritis Research Foundation (DARF)

**Kristaps J. Keggi, MD.** Professor, Yale University, New Haven, CT, Founder Keggi Orthopaedic Foundation, Middlebury, CT, Board Member (JISRF), Chagrin falls, OH

**John Keggi, MD. ,** Director, Department of Orthopaedics, Waterbury Hospital, Waterbury, CT.

**Louis Keppler, MD.** Co-Director Orthopaedic & Spine Institute, Cleveland, Ohio, Clinical / Surgical Research Advisor, (JISRF), Chagrin Falls, OH

**Warren Low, MD.** Orthopaedic Surgery and Joint Reconstruction, Bone & Joint Hospital, OKC, OK

**Audley Mackel, MD.** Chief of Orthopaedics St. Vincent Charity Hospital, (UHHS) Huron Hospital (Cleveland Clinic) Associates in Orthopaedics, Cleveland, Ohio

**Ed McPherson, MD.** Clinical Associate Professor, Department of Orthopaedic Surgery Center for arthritis and Joint Implant Surgery California Hospital Medical center, LA, CA., Joint Implant Surgery & Research Foundation, Board Member

**Timothy McTighe, Dr. H.S. (hc),** Executive Director, Joint Implant Surgery & Research Foundation (JISRF) Chagrin Falls, Ohio

**S. David Stulberg, MD.** Professor, Clinical Orthopaedic Surgery, Northwestern University Feinberg School of medicine, Chicago, IL

**H. Del Schutte, MD.** Chief Adult Reconstruction at MUSC Bone & Joint Center, Charleston, NC, Board Member, JISRF, Chagrin Falls, OH

**Thomas Tkach, MD.** Clinical / Surgical Research Advisor, (JISRF) Orthopaedic Surgery and Joint Reconstruction, Bone & Joint Hospital, OKC, OK

**Allen Turnbull, MD.** Orthopaedic Surgeon, St. George Hospital, NSW, AU Clinical / Surgical Research Advisor, (JISRF)

**William Walter, MD.** Orthopaedic Surgeon Waverton, NSW, Australia

**Ian Woodgate, MD.** Associate Professor Clinical Orthopaedics, St. Vincent's Hospital, NSW, AU

**Friday, November 7, 2008**

**Agenda**

<b>Session I</b>	<b>Moderators</b>	<b>McTighe &amp; Tkach</b>
<b>11:30 AM</b>	“Historical Review”	McTighe
<b>11:40 AM</b>	“My Experience With Proximal Modularity”	K. Keggi
<b>11:50- 12:00</b>	Discussion	5 minutes
<b>Session II</b>	<b>Moderators</b>	<b>Mackel &amp; Turnbull</b>
<b>12:00 AM</b>	“Restoration of Joint Mechanics”	Cameron
<b>12:10 AM</b>	“Femoral Offset How to Measure Preoperatively”	Schutte
<b>12:20 AM</b>	“Effects of Modularity on Component Position”	Clyburn
<b>12:30 AM</b>	“ The Value of Intra-operative X-Rays”	Keppler
<b>12:40 AM</b>	“The Lack of Need For Surgical Navigation”	Woodgate
<b>12:50 AM</b>	“Intra-operative Techniques in Using Proximal Modular Stems”	Low
<b>12:50–1:00 PM</b>	<b>Discussion</b>	10 minutes

“Cutting-Edge Developments on Proximal Modularity in THA”  
Mini-Symposium AAHKS, November 7, 2008 Dallas, TX

<b>Session III</b>	<b>Moderators</b>	<b>Donaldson &amp; D. Stulberg</b>
<b>1:00 PM</b>	“The Use of Cemented Stems With Modularity”	Cameron
<b>1:10 PM</b>	“Target Restoration With Proximal Modularity”	Tkach
<b>1:20 PM</b>	“Indication Straight Stem vs. Tapered Stem”	J. Keggi
<b>1:30 PM</b>	“Are Lg. Heads Necessary With Proximal Modular Stem Designs”	Walter
<b>1:40 PM</b>	“ Tapered Stem Comparison With and Without Modularity”	Turnbull
<b>1:40- 1:50 PM</b>	<b>Discussion</b>	<b>10 minutes</b>
<b>Session IV</b>	<b>Moderators</b>	<b>Cameron &amp; McPherson</b>
<b>1:50 PM</b>	“ New Approach To Neck Sparing Stems”	McTighe
<b>2:00 PM</b>	“Short Stems With & Without Modularity”	D. Stulberg
<b>2:10 PM</b>	“Neck Sparing Early Experience”	Woodgate
<b>2:20PM</b>	“Neck Sparing vs. Hip Resurfacing”	J. Keggi
<b>2:30 PM</b>	“Tissue sparing Conservative Approach To the Hip-Posterior Approach”	Keppler
<b>2:30- 2:45 PM</b>	Discussion	15 minutes
	Adjourn	Thank You

**“Cutting-Edge Developments on Proximal Modularity in THA”**  
**Mini-Symposium AAHKS, November 7, 2008 Dallas, TX**