

## PRELIMINARY CORS AGENDA

### Synthetics Panel

- Synthetics products overview
- How synthetics work
- Ceramics and composite grafting
- Clinical evidence of synthetics in spine fusion

### Allograft/DBM Panel

- Application of demineralized bone matrix
- What are the facts? Available data on allograft and DBM

### Stem Cell Technology Panel

- Stem cell technology – autologous – challenges in the immuno and vascular compromised patient
- Stem cell technology – autologous – harvesting sites, concentration and aspiration techniques
- Allograft stem cell

### Course Adjourn

Total Continuing Education Hours Applied for: 9 credit hours  
(Final CME approval pending)



Chicago Orthobiologics & Cell Regeneration Summit



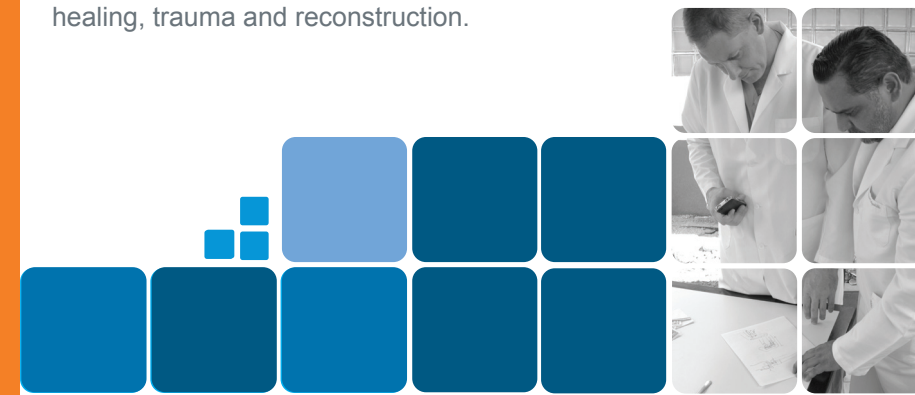
## CONTINUING EDUCATION COURSE

**Focus On: Advances, Techniques, Applications in Orthopedics and Spine**

**SATURDAY, JUNE 23, 2012**

North American Spine Society  
7075 Veterans Blvd.  
Burr Ridge, Illinois

The Chicago Orthobiologics & Cell Regeneration Summit (CORS) is designed to provide education on fundamentals and developments in the rapidly evolving Orthobiologics and Cell Regeneration arena. CORS will address techniques, innovations, and clinical results in orthopedics and spine. The Summit provides a new generation of orthobiologics forum by combining the two disciplines — staying true to the fundamentals of orthobiologics by presenting science from its originating source — spine, while creating opportunities for cross-learning with applications in orthopedics. CORS will provide scientific lectures and exploratory discussion in both areas, specifically in healing, trauma and reconstruction.



## COURSE FORMAT

CORS will feature one day of scientific lectures and case studies from highly acclaimed physicians and PhDs in the orthobiologics field. The Summit will offer participants and faculty interactive and engaging learning and discussion opportunities.

### Course Tuition:

Course Tuition  
Physicians: \$100.00  
Residents: \$25.00

### Registration:

Please register online at [www.clesf.org](http://www.clesf.org)

For sponsorship opportunities or more information, please contact [sarah.inciong@clesf.org](mailto:sarah.inciong@clesf.org)

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### Course Chairpersons

Dr. Edgardo Rodriguez  
Dr. James Wang  
Dr. Stephanie Wu

### Spine Panel Moderator

Dr. Jeffrey Wang

### Faculty

Dr. Brian Barnes  
Dr. Arnold Caplan  
Dr. Peter Clausen  
Dr. Gregory Juda  
Dr. Thomas Mroz  
Dr. Narendra Patel  
Dr. Sunil Saini  
Dr. Scheffer Tseng

## SPONSORS



## PRELIMINARY CORS AGENDA

\*Preliminary agenda – topics/speakers may be subject to change

### Morning Session

7:30 – 8:00am Registration and refreshments  
8:00 – 8:15am Welcome and Overview  
Chairs Dr. Edgardo Rodriguez, Dr. James Wang, Dr. Stephanie Wu  
8:15 – 8:25am CLESF presentation  
Ramiro J. Atristain, President, Board of Directors

### Orthobiologics Panel

- Introduction and overview
- Principles of fracture healing
- Applications and indications in orthopedics and spine
- Regulatory and cost issues of biologics
- Clinical evidence – now and the future

### Healing Panel

- Advances in wound healing: sprays, membranes and biologics coverings
- Soft tissue scaffoldings
- When is bone grafting and bone modulation necessary?
- Callous distraction and angiogenesis
- Bone growth stimulation: Pemp (pulse) vs. ultrasound, spine stimulation

Continued on back panel