# Clinically Proven Innovation

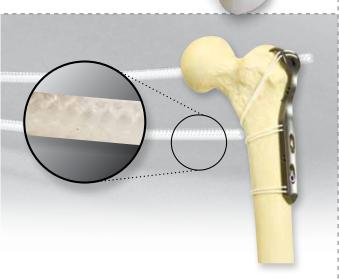
### Visit us at the 16th EFORT Congress Floor 1 Booth 31 May 27-29, 2015





Patient Anatomy

3. Implant Custom–Made for Patient Anatomy





For additional information or to schedule a product evaluation, please give us a call at 800-827-5775. To view a video demonstration, visit us on the Web at: www.kinamed.com

KineMatch® PFR USA Patent No. 6,905,514; 6,712,856; 7,517,365; 7,935,150; 8,419,741; 8,771,281. SuperCable® USA Patent No. 6,589,246; 7,207,090; 8,469,967, JAP Pat. No. 4,829,236. EUR Pat. No. 1,781,961; 1,389,940; 2,432,401. TUR Pat. No. TR20130992214 CarboLet® USA Patent No. 8,100,851; 8,721,595. Additional US & International Patents Pending. @2015 Kinamed® Inc. B001376 AAOS

## CarboJet<sup>®</sup> CO<sub>2</sub> Lavage System

#### **Increased Cement Penetration**

Goldstein (2007) Improvement of cement mantle thickness with pressurized carbon dioxide lavage. ISTA. Paris, France.

#### **Increased Bone-Cement Interface Strength**

Stanley (2010) Bone-Cement interface strength in distal radii using two medullary canal preparation techniques. Hand Surg 15:95.

#### **Reduced Opportunity for Micro-Emboli**

Lassiter (2010) Intraoperative embolic events during TKA with use of pulsatile saline versus carbon dioxide lavage. ORS. New Orleans, USA.

#### **Facilitates Tourniquet-free TKA**

Jones (2011) Total Knee Arthroplasty without the use of a tourniquet. Seminars in Arthroplasty 22:176.

# KineMatch<sup>®</sup> Custom-Fit Patello-Femoral Replacement

#### 11 Year Followup: 100% Survivorship

Sisto, Sarin (2006) Custom Patellofemoral Arthroplasty of the Knee. JBJS 88-A:1475.

#### Simpler

Sisto, Grelsamer, Sarin (2012) Patient-Specific Patellofemoral Arthroplasty. In: Recent Advances in Hip and Knee Arthroplasty, InTech. Rijeka, Croatia.

#### Faster

Sisto, Sarin (2007) Custom Patellofemoral Arthroplasty of the Knee: surgical technique. JBJS 89-A (Supp 2, II):214.

### SuperCable<sup>®</sup> Polymer Cerclage System

#### **Eliminate Cable-Based Metal Debris**

- Callaghan (1997) Contribution of cable debris generation to accelerated polyethylene wear. Clin Orthop 344:20.
- Urban et al (2004) Accumulation in liver and spleen of metal particles generated at nonbearing surfaces in hip arthoplasty. J Arthroplasty 19:94.

#### **Proven Performance**

- Della Valle (2010) Early experience with a novel nonmetallic cable. Clinical Orthop 468:2382.
- Edwards (2011) Utility of polymer cerclage cables in revision shoulder arthroplasty. Orthopedics 34:264.
- Berend, Lombardi et al (2014) Polymer Cable/Grip-Plate System with Locking Screws for Stable Fixation to Promote Healing of Trochcanteric Osteotomies or Fractures in Revision Total Hip Arth. Surg Tech Intl. 25:227.

#### **Superior Fatigue Strength**

Sarin, Mattchen, Hack (2005) Novel iso-elastic cerclage cable for treatment of fractures. ORS. Washington, DC.

#### Eliminate Sharps Hazard

Stoker (2009) Advances in Internal Bone Fixation: Sharps Safety for Orthopedic Surgeons. Managing Infection Control. 9:30.



### Expect Innovation.

Sisto, Sarin (2011) Custom Patello-femoral Arthroplasty of the Knee: An Eleven Year Follow-Up. ORS. Long Beach, USA.