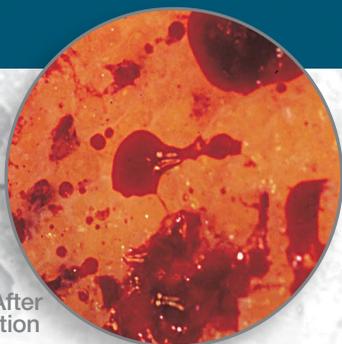


# “Almost” is Not Clean Enough.

Tibia After Resection



**Almost Clean:** Tibia After Pulsatile Saline Lavage

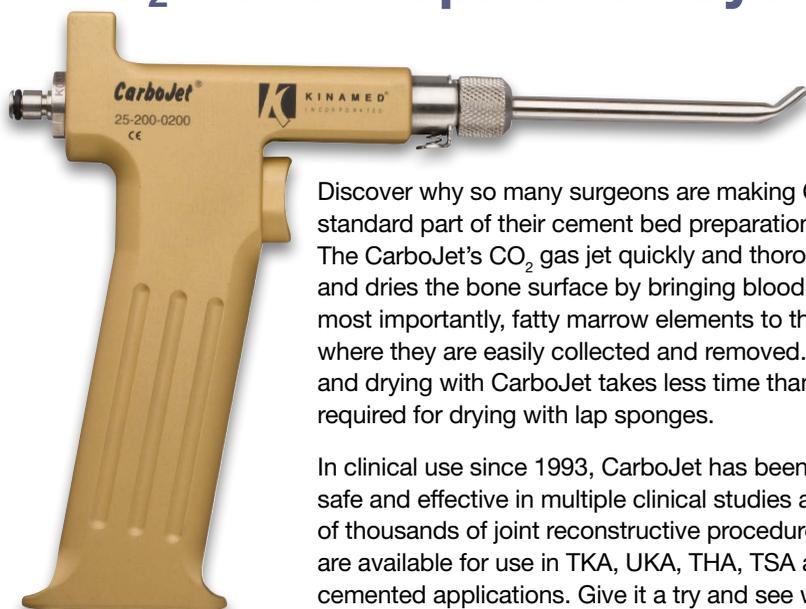


**Fully Clean:** Same Tibia After CarboJet®



## CarboJet®

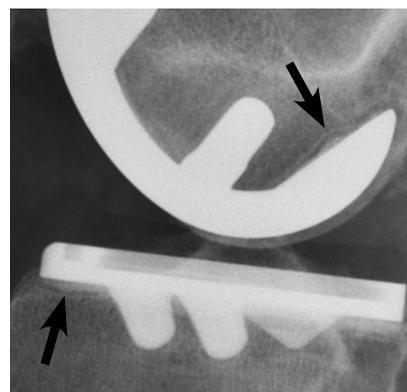
### CO<sub>2</sub> Bone Preparation System



Discover why so many surgeons are making CarboJet a standard part of their cement bed preparation technique. The CarboJet's CO<sub>2</sub> gas jet quickly and thoroughly cleans and dries the bone surface by bringing blood, saline and, most importantly, fatty marrow elements to the surface where they are easily collected and removed. Cleaning and drying with CarboJet takes less time than is typically required for drying with lap sponges.

In clinical use since 1993, CarboJet has been shown to be safe and effective in multiple clinical studies and in tens of thousands of joint reconstructive procedures. Nozzles are available for use in TKA, UKA, THA, TSA and other cemented applications. Give it a try and see what a really clean bone bed is all about!

#### Got Radiolucent Lines?



Bone bed prepared with pulsatile saline lavage. Arrows indicate radiolucent lines.



Bone bed prepared with **CarboJet**. No radiolucent lines visible.

#### Clinically Proven

**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.*



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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](http://www.kinamed.com)



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