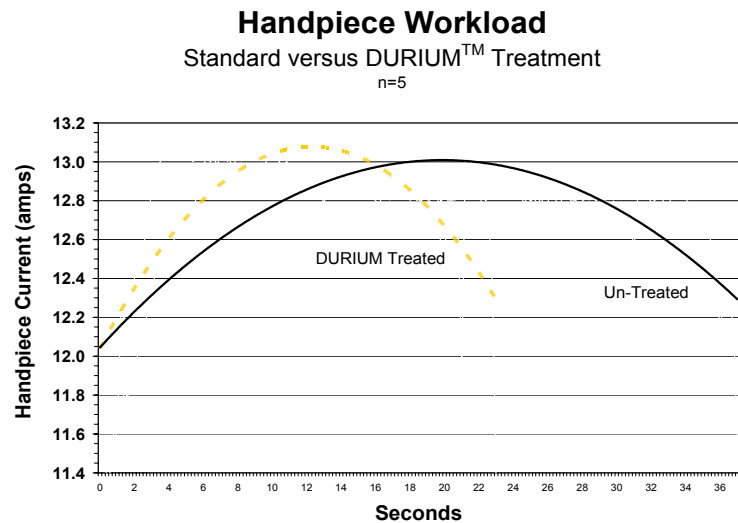


Technical Bulletin

As a part of our strategic goal “to provide *improved care* solutions to the Patient and the Operating Room”, we would like to update you on our most recent developments.

IonFusion Surgical™ has completed extensive testing that may have profound results on the success of patient knee implants while reducing the time and cost of surgery in the operating room.

IonFusion® engineers have studied the effects of the DURIUM™ treated saw blades on the handpiece workload. Utilizing proprietary in-house testing equipment, both treated and un-treated saws were subject to a series of cuts on synthetic bone media. Real-time data was collected from the handpiece electrical system to measure the amount of work required to make a single cut through the media. The results show a **39%** reduction in handpiece workload with a DURIUM™ treated saw blade.



A second test evaluating the durability on the DURIUM™ treated saw blades during each cut was performed. Once again, both treated and un-treated saws were used to cut through the synthetic bone media. Each saw was weighed before and after the cut. The results show an average of **1.1 mg** (or 29%) reduction in saw blade wear versus untreated standard saw blades.

This most recent information in combination with previous data supporting considerable reduction in cutting times and temperatures further substantiates the benefits of the DURIUM™ enabling technology.

Please let us know how we can help you reduce operating costs while improving surgical results.

