



either sterile saline or hypochlorous acid, is used for energy transfer from the vibrating tip to the contacted tissues. In order to reduce the resulting mist at the activated tip, a vacuum sheath was developed to capture the spray. We have also been evaluating the effect of this energy delivery system on bacteria, biofilm, metallic implant material and tissues. Our laboratory findings are being correlated with clinical outcomes. We have demonstrated that the device cuts down on spray dispersion and performs better than the Versajet on surfaces with variable density tissue.<sup>7</sup> The device can clear biofilm from metallic implant material and when used with hypochlorous acid irrigation, all of the bacteria which are released from the biofilm are killed.<sup>8</sup> There is much more to come as further laboratory testing is performed and as clinical results are reported. Wound treatment is advancing on many other fronts as well. This is an exciting time for the field of wound care.

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