**Noveon® Science**
The Noveon employs two distinct near infrared wavelengths, 870nm and 930nm, shown by hundreds of in-vitro experiments to create photo-inactivation of bacteria and fungi at energies and temperatures that are suitable for healthy and normal human tissue. The Noveon mechanism of action targets cell membranes and cytochromes to eliminate bacterial and fungal infections. Because the Noveon’s mechanism of action is photo biological, it is more like a drug than a conventional, high power laser that employs thermal effects such as protein denaturization or vaporization. Clinical studies with the Noveon have treated fungal nail infections, bioburden reduction and the elimination of pathogens in the human nose. The Noveon has had a protocol approved by an IRB to begin expansion into clinical studies of colonized wounds such as diabetic foot ulcers.

**Noveon® Regulatory**
The Noveon is cleared by the FDA for general surgical procedures in podiatry, dermatology, plastic surgery, and otolaryngology: K083476
Journal Publications


Patents

7,470,124; 7,255,560; 7,255,567; 7,255,470; 7,255,124 and 1,663,393