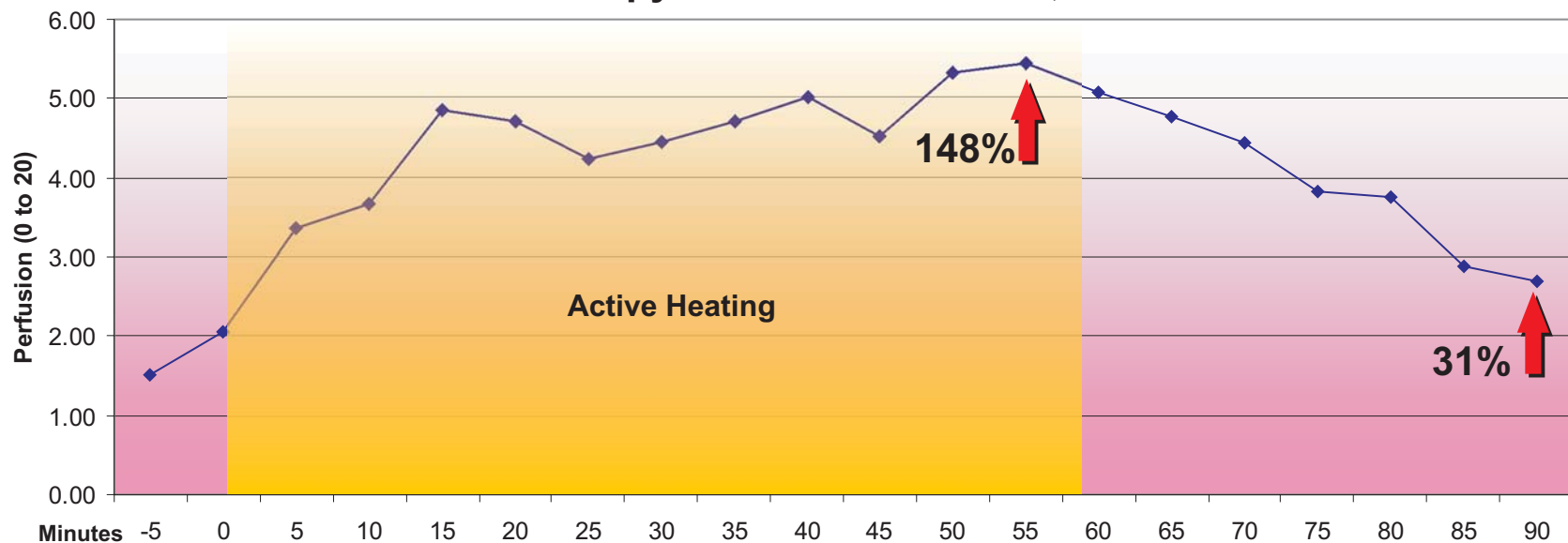


Adroit's HTP-1500 Safely Increases Perfusion 150%*

Perfusion is a relative measure of pulse strength. Continuous low level heat therapy increases perfusion by safely dilating blood vessels and relaxing muscle tissue; thus allowing for increased blood flow and improved oxygen delivery. In addition, effective heat therapy (beginning at 104°F)¹ stimulates thermoreceptors in tissue signaling comfort to the brain and reducing pain transmissions.^{2,3} Therefore, increased blood flow, improved oxygen delivery and pain relief, are the clinical results of continuous low level heat therapy.

In the example below, Adroit's HTP-1500 system dramatically increases perfusion 150% on average in the feet of elderly volunteers, with a 31% residual increase 30 minutes after therapy.

Low Level Heat Therapy Effect on Perfusion, 60 Minute Tests



*Averages are consistent in healthy vs. unhealthy feet. Results may vary depending on test protocol and evaluation methods.

1. Therapeutic Heat and Cold. Justus F. Lehmann, ed. 3rd ed., Baltimore: Williams & Wilkins, pp. 425-425, 1982.
2. Using Heat Therapy for Pain Management. A. Chandler, et al, Nursing Standard, 17(9) pp. 40-42, 2002.
3. Thermal Agents in Rehabilitation. Susan L. Michlovitz, F.A. Davis Company: Philadelphia, p. 100, 1986.