

# Oral Surgery Pain Management, K-Laser Therapy

Case Study Provided By: John C. Godbold, Jr., DVM  
Stonehaven Park Veterinary Hospital  
Laser Surgery Center  
Jackson, Tennessee

### Application

Use of the K-Laser after oral surgery will accelerate healing and help reduce post operative pain.

### Patient

“Smokey”, Poodle, 14 yr, MN, 20 lb

### Procedure

Surgical extraction of left fourth upper premolar.

### Technique

K-Laser treatment of the surgical site after surgery.

### K - Laser Settings (905nm)

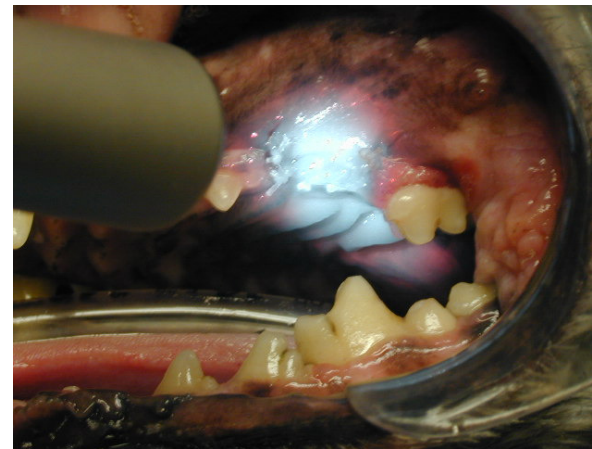
Post op - 3 watts / 90 sec / 500 Hz  
3 watts / 90 sec / 10 Hz

### Rationale

Pulsed laser energy at 500 Hz reduces edema and accelerates healing, and at 10 Hz reduces pain.

### Further Post-op Care

The K-Laser is used as part of the overall pain management protocol, as an adjunct to appropriate pharmacological agents. Additional K-Laser treatment is not used in routine oral surgeries.



**Fig. 1 Post op treatment of the surgery site and the surrounding area at 500 Hz and 10 Hz. Note: digital photography makes the laser light appear blue and white although being in the near infrared spectrum it is not visible to the eye.**



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