

Spectra 15 Laser Treatment

Settings and Techniques

SURGICAL TREATMENTS

	Pulse Mode	Continuous Mode	Contact Distance	Treatment Time	Instructions
Declaw	7	5	Contact	N/A	Use quick brushing and tapping strokes. Do not "push" the laser through the tendons.
Palate Staphylectomy	6	4	Contact	N/A	Use slow continuous scalpel-like brushing strokes.
Skin Tumor Ablation	8	5	Contact	N/A	Use in continuous scalpel-like brushing and tapping strokes around mass and vaporize remnants following removal.
Abdominal Incision	8	5	Contact	N/A	Use in steady continuous scalpel-like strokes. Adjust hand speed as needed for proper depth incision.
Tongue Tumor (Mass)	6	4	Contact	N/A	Use in steady continuous scalpel-like strokes. Adjust hand speed as needed for proper depth incision.
Ear Polyps	6	4	Contact	N/A	Treatment will cause smoke that will fill the ear canal. The laser may be used during flushing.
Anal Gland	7	5	Contact	N/A	Use in continuous scalpel-like brushing strokes around margin of the gland.
Scrotal Castration	7	5	Contact	N/A	Use in steady continuous scalpel-like stroke. Adjust hand speed as needed for proper depth incision.

THERAPEUTIC TREATMENTS

	Pulse Mode	Continuous Wave	Contact or Distance	Treatment Time	Instructions
Hot Spots	5	3	1 inch	1.5 minutes	Hold fiber 1 inch from tissue to get dime sized spot. Slowly move laser around wound treating complete area.
Lick Granulomas	5	3	1 inch	1.5 minutes	Hold fiber 1 inch from tissue to get dime sized spot. Slowly move laser around wound treating complete area.
Otitis Externa (Pinna)	5	3	1 inch	1.5 minutes	Hold fiber 1 inch from tissue to get dime sized spot. Slowly move laser around wound treating complete area.
Otitis Externa (canal)	2	1	N/A	0.5 minutes	Using Pilot Auricular Treatment Tip, insert tip into ear careful not to touch tympanic membrane. Retract slowly.
Chronic wound	5	3	1 inch	1 minute	Hold fiber 1 inch from tissue to get dime sized spot. Slowly move laser around wound treating complete area.
Arthritis	8	5	#5 Contact	7 - 10 minutes	Using the #5 therapy attachment, use in contact (massaging) treatment with slow steady movements.
Chronic Pain	8	5	#5 Contact	7 - 10 minutes	Using the #5 therapy attachment, use in contact (massaging) treatment with slow steady movements.
Trauma	8	5	#5	7 - 10 minutes	Using the #5 therapy attachment, use in contact treatment with slow steady movements.

DENTAL TREATMENTS

	Pulse Mode	Continuous Mode	Contact or Distance	Treatment Time	Instructions
Gingivectomy	6	4	Contact	N/A	Use in continuous brushing and tapping strokes as needed for proper depth incision or total tissue removal.
Root Canal	2	1	Contact	3 times @ 3 seconds	As the last step in the root canal disinfection, insert fiber to apex of tooth, activate laser and slowly withdraw fiber from canal.
Crown Preparation	6	4	Contact	N/A	Use in continuous brushing and tapping strokes as needed for proper depth incision or total tissue removal.
Periodontal Treatment	1	N/A	Contact	10 seconds per tooth	Insert fiber under sulcus of the tooth (as in probing) slowly moving fiber around the complete tooth.

Notes:

- On very light pigmented skin or nails it may be necessary to initiate the laser fiber tip. This can be done by touching the end of the fiber to dental articulating paper or a Sharpie™ marker.
- Do not leave the active laser tip on the same point for an extended time period. If you are not getting the desired affect, remove the laser.
- Pulse mode is exactly 1/2 the delivered power of continuous mode. Pulse mode allows thermal relaxation to occur during the treatment.
- Recommended continuous mode settings are higher than 1/2 of pulse mode settings because continuous mode is generally used for more aggressive treatments.

PATTERSON VETERINARY

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