

emLas-900 Laser Therapy Protocol - Small Animals

Terminology:

- 3+2+1 = Three treatments the first week, two the second, and one the third
- “Acute” generally refers to an orthopedic condition that is less than 10 days old, or a medical condition 1~2 days old.
- “Chronic” generally refers to an orthopedic condition that is more than 10 days old or a medical condition more than 2 days old.
- Maintenance = 1 treatment every 2~4 weeks
- NR = Not Recommend



Indication	Frequency	Dose (J/cm ²)	Therapy Time (min.)		Notes
			emLas-900B, C, D		
			Irradiation Area (cm ²)		
			314		
			Power (mW)		
2,000					
Power Density		6.4			
Abscess Incision	1/day for 4~5 days	4	10		
Drainage and Flush Abscess with Cellulitis, Incision, Drainage, and Flush	1/day for 5~6 days	4	10		
Allergic Pododermatitis	2~3/week or 3+2+1	3	8		
Amputation	Immediate	4	10		Post Surg 1x, Acute pain 2-3 days
Anal Sacculitis / Acute	2~3/week or 3+2+1	4	10		
Anal Sacculitis / Chronic	2~3/week or 3+2+1	3	8		
Anterior Cruciate Ligament Tear - Chronic	2/week	3	8		
Anterior Cruciate Ligament Tear, Full - Acute	3+2+1	4	10		
Anterior Cruciate Ligament Tear, Partial - Acute	3/week	4	10		1~3/week for 3 weeks. Exercise restriction
Arthritic Conditions	2~3/week or 3+2+1	4	10		Maintenance
Aural Hematoma(Post Surgery)	1/day	3	8		Acute inflammation 1x Immobilize ear, treat cause
Burns	1/day for 3~5 days then 2~3/week until healed	4	10		
Cauda Equina Syndrome	3+2+1	5	13		Maintenance
Cystitis/Interstitial	3+2+1	4	10		3~4 weeks
Cystitis/Urethritis/Feline Lower Urinary Tract Disease	3+2+1	4	10		Maintenance
Cystotomy	During surgery	4	10		Maintenance as needed
Decubital Ulcers	1/day for 3~5 days then 2~3/week until healed	3	8		
Degenerative Disc Disease	1/day for 3~5 days then 2~3/week	5	13		
Degenerative Joint Disease	2~3/week or 3+2+1	5	13		Maintenance
Degloving Wounds	1/day for 3~5 days then 2~3/week until healed	4	10		3~4 weeks
Dewclaw Removal	Immediately post-op	4	10		
Dorsolateral Hemilaminectomy	Immediately post-op, then 2~3x more	4	10		
Edema	1-2x	5	13		
Enterotomy	During surgery 2~3/week or 3+2+1	4	10		



Indication	Frequency	Dose (J/cm ²)	Therapy Time (min.)	Notes
			emLas-900B, C, D	
Feline Acne	Post surgical 1x	3	8	Be careful of thyroid
Feline Declaw	Immediately post-op	3	8	Also next day if in hospital
Feline Tail Pull injuries	2~3/week or 3+2+1	3	8	
Femoral Head Ostectomy	Immediately post-op	3	8	Also next day if in hospital
FLUTD(Feline Lower Urinary Tract Disease) - Blocked Urethra	1x to relieve blockage	3	8	3+2+1 for cystitis if needed(will not break up crystals but small ones may pass)
Fractures - After Surgery	2~3/week or 3+2+1	4	10	
Gingivitis	2~3x, based on severity	3	8	Determine acute or chronic
Hernia Repair	2~3/week or 3+2+1	5	13	(Not a substitute for cleaning)
Hip Dysplasia	2~3/week or 3+2+1	5	13	Post-op
Hot Spots	3+2+1	5	13	Every 3~4 weeks as needed
Inflammatory Bowel Disease	2~3/week or 3+2+1	5	13	Treat with other modalities, pharmaceuticals
Insect Bite/Snake Bite	1x, may need 3+2+1	3	8	1~3x, depending on bite severity
Intervertebral Disc Disease	2~3/week or 3+2+1	8	21	May need follow up treatment
Intra-abdominal	1x during Surgery	5	13	
Joint Injury - Acute	Once - up to 6x	8	21	Frequently improves after 1 treatment
Lesions	2~3/week or 3+2+1	4	10	
Lick Granulomas	Daily or 2~3/week or 3+2+1	3	8	Depends on size
Luxating Patella	3+2+1	5	13	Treat after surgery, not as a substitute
Musculoskeletal Pain	1~3x, once daily	5	13	
Myofascial Pain	2~3/week or 3+2+1	5	13	
Nerve Regeneration	2~3/week or 3+2+1	5	13	
Neuropathies	2~3/week or 3+2+1	5	13	
Orchiectomy Canine and Feline	Immediately post-op 1x	4	10	
Otitis - Acute	2~3/week or 3+2+1	5	13	Then every 3~4 weeks, if chronic
Otitis External - w/infection	2~3/week or 3+2+1	5	13	
Otitis External - w/o Infection	2~3/week or 3+2+1	5	13	
Otitis Media / External - Chronic	2~3/week	3	8	3+2+1, then once every 3~4 weeks
Ovariohysterectomy Canine and Feline	Immediately post-op 1x	5	13	
Perianal Fistulas	1/day for 3~5 days then 2~3/week	3	8	Use with pharmaceuticals
Periodontal Diseases	2~3/week or 3+2+1	3	NR	Determine acute or chronic
Staph Infections - Local	2/week	3	8	
Sterile Pyogranulomatous Syndrome pyogranuloma / granuloma	Daily for 2~3x, then 2~3/week	3	8	
Stifle Surgery - TPLO/TTA	3+2+1	4	10	
Stomatitis	Daily (Depends how chronic)	3	NR	Can also use 3+2+1 (6~12 treatments, then maintenance)
Tendon & Ligament Injury	2~3/week or 3+2+1	5	13	
Tightrope/Extracapsular	3+2+1	5	13	Wait 6 weeks for scar to form, then Chronic inflammation
Traumatic & Overuse Injuries	2~3/week or 3+2+1	5	13	
Trigger Point		3	NR	Repeat every 2 days until disappearance of reactivity
Vasculitis - Non-infectious	2~3/week or 3+2+1	5	13	Be careful of possible thrombosis
Wounds	3~5/day	5	13	Decrease treatments as healing progresses