

# Summary Report Debilitated Dogs Survey

What techniques or strategies do you employ to stimulate the musculoskeletal system of the debilitated patient?

#### # Response

- 1. Ther Ex to tolerance, Playing ball while lying down, Kong stuffed with food, standing weight shifting if able, balance board while lying down, promoting DAL as much as possible with owner, using assistive devices pen
- 2. passive ROM, compression through limbs to mimic weight bearing, electrical stimulation to elicit muscle contraction
- 3. Assisted standing, sitting (muscle loading), skin brushing, bed training, transfer training (includes practicing getting up from a fall)ing up
- 4. ROM, massage, positioning, fascilitation of movement
- 5. Weight-bearing, WB'ing, WB'ing! With support PRN. NMES. What I call "functional patterning"--assisting limbs through a walking motion (in upright as much as possible), scratching the ear or trunk, etc. Tapping, massage, vibration. Reflex stimulation. Assisting as needed through transitional movements (lat recumb to sternal, up to sit if able). Holding postures on an unstable surface.
- 6. laser, balance balls, acupuncture
- 7. PNF
- 8. Joint compressions for extension, pull on toes to stimulate flexion, tapping to facilitate reflexes, proper positioning, 'bed mobility', following a treat, PNF techniques

## What techniques or strategies do you employ to stimulate the neurologic system of the debilitated patient? |

#### # Response

- 1. Massage, PROM, acupuncture, JM, NMES, functional patterning of gait with assistive devices prn
- 2. position changes/propping as needed in sternal/sitting/standing positions, massage, vibration
- 3. Walking while moving head from side to side, obstacle course, Sitting/standing with eyes covered (Romberg)
- 4. sensory through touch/tapping/compression through joints, normal postures even if they have to be supported, anything to try to get a response (scratching belly, ears, NMES) automatic responses
- 5. WB'ing, WB'ing, WB'ing! :-) Tapping, stroking, vibration. Reflex stimulation. LLLT. PNF.
- 6. acupuncture, proprioceptive stimulation, laser
- 7. PNF
- 8. PNF, sensory stimuli tapping/vibration/rubbing the leg with different textures & fabrics, PNF techniques, NDT techniques, utilization of postural reflexes.

## What techniques or strategies do you employ to stimulate the mental system of the debilitated patient? |

#### # Response

- 1. Have owner take patient for walks in stroller if small, car rides if able to get in/out safely, multiple rest spots in house (especially one with the family unit), kennel enrichment techniques (frozen food Kong, ice block, puzzles, tv, music, toys, DAP)
- 2. taking them outdoors (maybe in a wagon if needed), position near windows/glass doors, feed in a Kong toy if able, play or train games if able (roll the ball, touch my hand with your nose/paw, etc), if safe allow other familiar pets to be nearby
- 3. Music, scent work, hide the treat, (which hand or pocket))
- 4. positioning the dog where the "action" is, taking them in a cart/carried or whatever to visit their "friends", teach the owners to teach the dog new games (touch, naming...touch your bone, touch your ball etc)
- 5. Propping up to see activity of other dogs in gym. Encourage owner to still take outside, "walks" in wagon, etc, car rides. Games like which hand has the cookie. Toys with squeekers.
- 6. nina ottoson toys, hands on playing
- 7. treats, relaxation music

8. Talking and singing to them, playing with them (i.e. cover the dog with a blanket), tug of war (if safe to do so), toy play, set dog up in an area with traffic / other activity, regular proper positioning, vigorous rubbing (like a dog shaking from head to tail)

### Appendix of acronyms

Ther Ex: Therapeutic Exercise DAL: Daily Activities of living

ROM: Range of Motion WB; Weight Bearing PRN: as required

PNF: proprioceptive neuromuscular facilitation NMES: neuromuscular electrical stimulation

JM: ? joint mobilizations

LLLT: low lever laser therapy

NDT: neurodevelopmental techniques

Thank you to everyone that answered the survey! I hope these answers serve to spark ideas and creativity with treatment approaches.

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