### EVALUATION OF THE CANINE REHABILITATION **PATIENT**

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### **General Topics**

- Safety of the examiner, owner and pet is important. All staff handling the pet should be well-versed in animal behavior and restraint.
- You need to have an understanding of the different "normals" between breeds. A curved topline is normal for a Greyhound, but not a Labrador Retriever. Knowledge of differing gait styles, range of motion/flexibility and other anatomical variances is
- You also need to have an understanding of the different ailments found in different breeds, and at different ages, to assist you in forming a differential diagnosis.

## Subjective

- ☐ This is history received from the owner, as well as previous medical history received from the referring veterinarian and includes:

  - Past medical and surgical history
    Any previous injuries/flare ups
    History of present ailment/condition bringing the pet to rehab
    Exercise/use of pet: does the dog work/compete?

  - Pet's environment- is yard fenced/unfenced? Lives with other pets in home?
     Current medications/supplements

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### Objective

■ This includes the clinician's observations and physical

### Overall appearance/body condition:

- Teeth/gums: Are gums pink and moist? Are teeth clean, worn, etc?
- How does the pet move around the room? What is their posture like?
  Do they appear in pain? (lethargic, panting, stiff/guarded)
- Body Condition Score: Rates whether the pet is underweight, appropriate or overweight. Can be on a 0-5 or 0-9 score, depending on rating scale used.



# Objective Is the dog friendly, nervous, curious? Will they take treats? This is important to assess, as it will guide your exam and treatment. Look for flinching, shivering, "look backs", widened eyes, changes in respiration/panting, vocalizing, protecting the affected area. They may also lick/chew at a painful area.



# Objective

Functional Strength and Mobility: This assesses the pet's ability to perform daily functional tasks.

Transitional movements (sit to down, sit to stand)

Walking distance ( could perform a 3-minute walk test) Climbing stairs, jumping in/out of vehicle 2-leg/3-leg standing ( tests neuromuscular control)

Validated functional tests for canines: - C-TUG- Canine Timed Up and Go - Bioarth Functional Scale





### Objective

Range of Motion: In veterinary medicine, the acute angles of joints are measured, rather than going off the "anatomical zero". Thus, flexion measurements are small, extension measurements are large.

Normal carpal extension is around 210-230 degrees

For a quick screening of active cervical and thoracolumbar motion, you can do "cookie stretches".

Girth Measurements: Done in place of manual muscle testing. Use a bony landmark, then document how far up/down from that point where you are taking the measurement, so it is reproducible. Using a Gulick tape measure will help with accuracy and interater reliability.

### Objective

for last. Use light pressure initially, then if pet allows, can move deeper.

- -heat -tightness/trigger points/"knots" -areas of pain/flinching/tenderness

- -thickening around joints atrophy/hypertrophy

### Objective

Passive joint mobility: Can assess passive joint play in the spine and in the peripheral joints. Look for areas of pain, restriction or crepitus.

### Orthopedic special tests:

- Supraspinatus test Biceps test

- -Ortolani test -Iliopsoas test -Cranial drawer/tibial thrust

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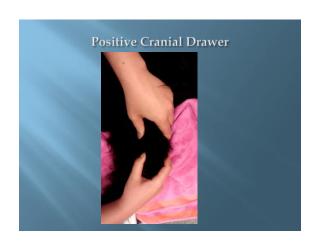












# Objective Neurologic Testing: -Reflexes (primarily patellar) -Panniculus response (tests superficial pain) - Hopping -Deep pain -Flexor withdrawal - Conscious Proprioception



### Assessment

- Summarizing the findings and using clinical reasoning to come up with a pathofunctional diagnosis.
- If there is a discrepancy between findings and the diagnosis from the referring veterinarian, consultation with that veterinarian is imperative.
- The functional deficits and problem areas should be listed.

### Assessment

☐ The assessment should provide a prognosis for improvement, including a time course. Any other pre-existing conditions should be taken into account when projecting the expected level

### Plan of Care

- - Anticipated goals/expected outcomesPredicted level of improvementInterventions to be provided



