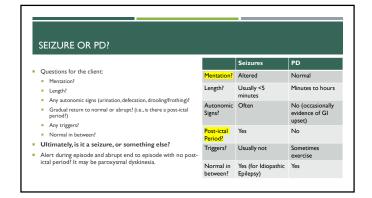
NEUROLOGY X-FILES:THE TRUTH, AND COOL CASES, ARE OUT THERE COURTNEY KORFF, DVM, DACVIM (NEUROLOGY)

## PAROXYSMAL DYSKINESIA (AKA "MOVEMENT DISORDER") These are not seizures Usually have normal mentation and rapid recovery (no post-ictal phase) Sometimes triggered by hard exercise ("exercise-induced paroxysmal dyskinesia") Generally a benign disorder Can occur at any age, although frequently <6 years old at onset Normal in between and normal neurologic exam

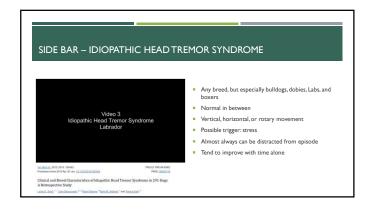
PAROXYSMAL DYSKINESIA
"MOVEMENT DISORDER"





SEIZURE OR PD?

Often most important: A video of the event.







"MAX" — 2Y MC GERMAN SHORTHAIRED POINTER

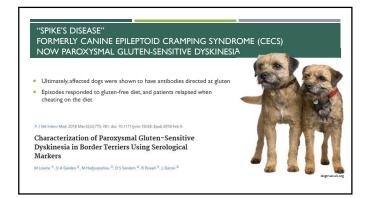
Top Differentials: paroxysmal dyskinesia (movement disorder), vs. atypical seizure (and likely idiopathic epilepsy due to age, breed, exam, etc.)

## "MAX" — 2Y MC GERMAN SHORTHAIRED POINTER Normal mentation/responsiveness during the episode Abrupt onset and end (no post-ictal period) No autonomic signs (urination, defecation, salivation) Sometimes associated with hard exercise Completely normal in between episodes











PAROXYSMAL GLUTEN-SENSITIVE DYSKINESIA

\*\*\* frontiers\*\* in Veterinary Science

\*\*Front Not. Soc. 2023: 10: 1119441.\*\*

Published online 2023 Mar. 3. 60: 10.33896/nes. 2021.1118441.\*\*

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PMCD: PMC10020466

PMD 36037213

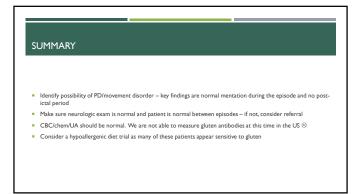
Gluten serological testing in various dog breeds with paroxysmal dyskinesia

Classy B. Roses. Ness Meventud. and Halper A. Vogs\*\*

\*\*Other breeds with PDs also have gluten-directed antibodies and can respond to gluten-free diet

OTHER CONDITIONS WHERE GLUTEN-FREE DIET MAY HELP?









OPTIONS OUTSIDE OF DIET CHANGE

Omeprazole daily
Certain anti-epileptic drugs: Levetiracetam and Zonisamide
Acetazolamide?
Benign neglect?