

WEI SYNDROME in small animals



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Why I talk about Wei Syndrome

- Most of Acupuncture lectures about Bi Syndrome
- Most of our clients know Acupuncture work for painful diseases
- Most of our colleagues, no-Acupuncturists also know this
- Wei Syndrome are non-responsive to Western medicine
- Most of them are responsive to Acupuncture treatment
- They are the “forgotten syndrome” as most of them EUTANASIA is recommended as better solution

Introduction

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WEI means withered or wilting

Wei Syndrome clinical signs:

- flaccid muscles

- weak tendons and ligaments

- numbness

- limb atrophy with diminished motor function

PARESIS AND PARALYSIS OF THE LIMBS

PAIN?



Introduction

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Also called:
WEI ATROPHY SYNDROME
WEI FLACCIDITY

Can be the result of damage at different levels:

- CNS, Central Nervous System
- PNS, Peripheral Nervous System
- Neuromuscular junction
- Muscles



Introduction

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WEI SYNDROME ETIOLOGY:

Systemic diseases of CNS, PNS, muscular disease, cardiovascular disease, metabolic disease, orthopedic disease.

Lack of PROPRIOCEPTIVE FUNCTION

Western Medicine diseases:

- Nerve avulsion

- Fibrocartilagenous embolism

- Degenerative myelopathies

- IVDD

- Brain infarcts

- GME, Granulomatous Meningoencephalitis

- Sequelae to chronic disease

- Aging



Western
Medicine
diseases
correlated with
WEI
SYNDROME:

Brain:
GME
Neoplasia
Toxoplasmosis

Primary Muscle Disease
Immune Mediated Myositis
Nutritional Myopathies
Lyme Disease
Strains & Sprains

Upper Motor Neuron disease
IVD
Degenerative Myelopathy
Diskospondylitis
Neoplasia
Fibrocartilagenous Embolism
Trauma
Cervical Vertebral Instability

Cardiovascular Disease
Thromboembolic Disease
Any heart disease which
decreased cardiac output

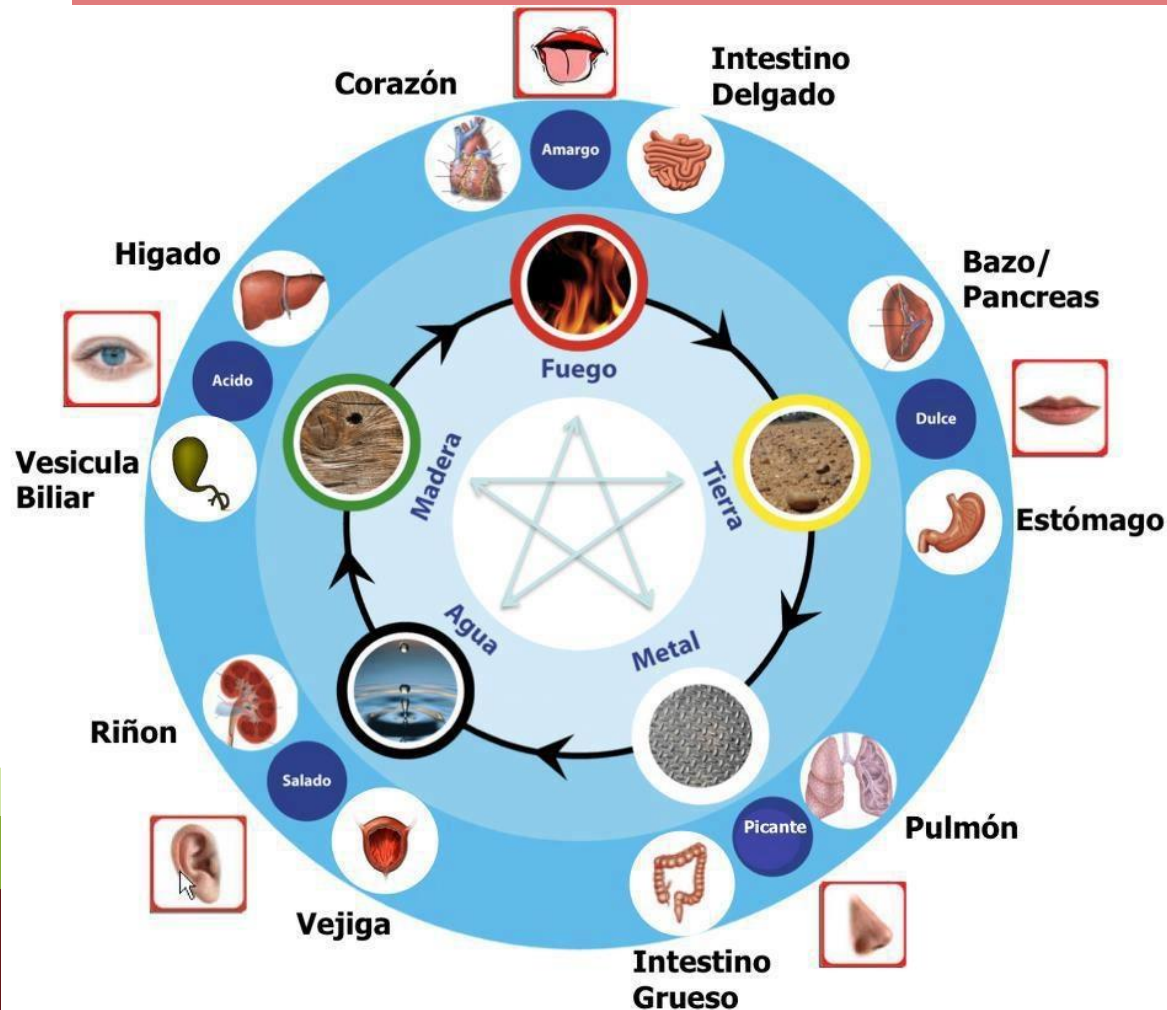
Lower Motor Neuron Disease
IVDD
Cauda equina (LSI)
Trauma
Neoplasia
Peripheralis Nerve Degen.

Metabolic Disease
Chronic Renal Failure
Cancer cachexia
Hypothyroidism
Enteropathy protein losing
Hepatic disease

Neuromuscular junction dis.
Myastenia gravis
Hypothyroidism

Orthopedic disease
Athrophy second. to arthritis
Atrophy second. to bleasures

Wei Syndrome due to Zang Organ dysfunction



1. Lung Heat

Skin Wei / Flaccid Syndrome

- Heat external pathologic factor invades Lung (brochopneumonia)
- Internal Heat (Liver, Diet!!!)
- Wei Qi and fluids distribution affected
- Skin is dry and cracked, hair is brittle
- Lack nourishment to tendons and ligaments
- Metal constitution!!!
- Yangming channels are always indicated
- Su wen: *"Yangming is the source of nourishment for all the Zangfu. Only with this nourishment can be tendons, bones and joints be lubricated"*



Lung Heat

Skin Wei / Flaccid Syndrome

- Internal Heat (Liver, Diet!!!)
- Skin is dry and cracked, hair is brittle
- Lack nourishment to tendons and ligaments



Lung Heat

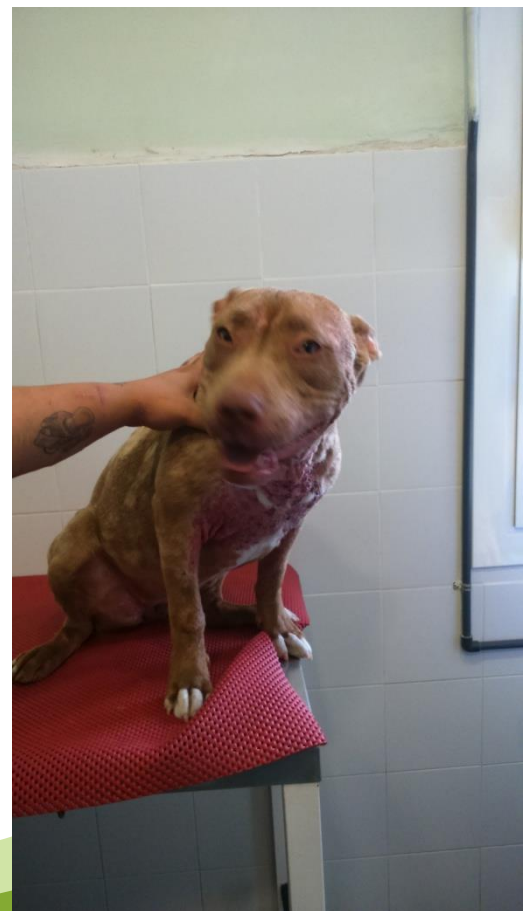
Skin Wei / Flaccid Syndrome

- Hemoacupuncture to treat Heat (skin and Blood)
- 5cc:
 - LI11
 - GV14
 - BL40



Lung Heat

Skin Wei / Flaccid Syndrome



2. Spleen Heat

Muscle Wei / Flaccid Syndrome

- Damp-Heat or Cold-Damp invasion → ↓ Spleen function
- Signs:
 - Thirst,
 - lack of body fluids,
 - numbness of muscles and flesh,
 - poor appetite,
 - diarrhea,
 - edema,
 - heaviness, lethargy
- Diet!!!
- Pancreatitis (chronic) or Inflammatory Bowel Disease or Damp-Heat skin conditions



3. Spleen Qi deficiency Muscle Wei / Flaccid Syndrome

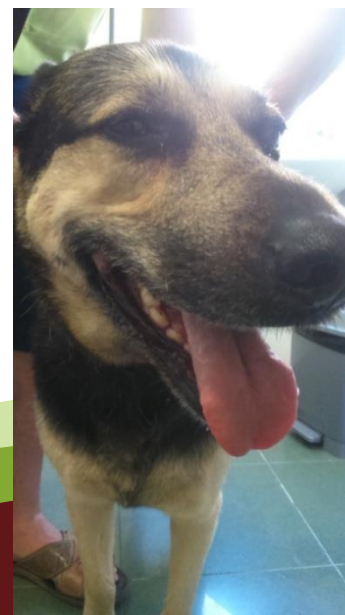
- Stomach and Spleen deficiency can be the result of 2 syndromes before described
- Poor nutritional diet
- Bad production of Qi and Blood → muscles weakness and fatigue
- Poor appetite, loose stools, ematiation,...
- Geriatric patients
- Western: Chronic pancreatitis, IBD, Pancreatic Insufficiency Syndrome

Spleen Qi deficiency Muscle Wei / Flaccid Syndrome



4. Heart Heat Vessel Wei / Flaccid Syndrome

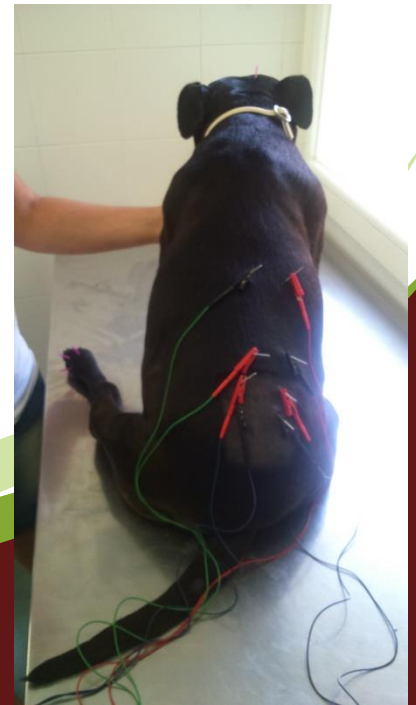
- Heart is attacked by Heat → Blood flows upwards
- Excess in upper jiao and Deficiency in lower jiao
- Red and dry tongue
- Emergency: Heat stroke
- After acute recovering , weakness and failure to complete recover



5. Liver Heat

Musculotendinous Wei / Flaccid Syndrome

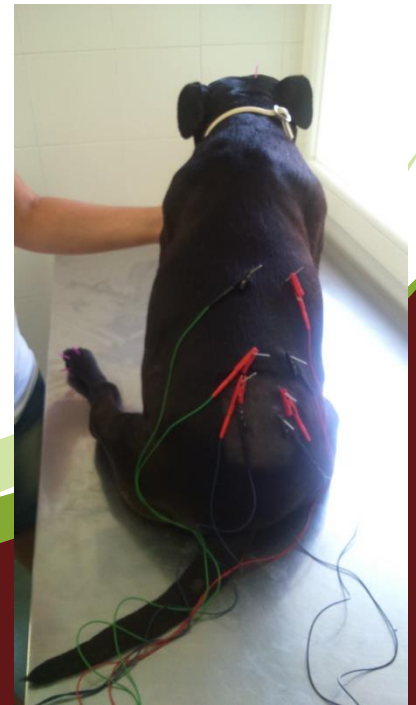
- Liver Blood or yin Deficiency pattern
- After Hepatic disease
- Weakness and lack of supple movements of joints because of dryness in sinew tissue



Liver Heat

Musculotendinous Wei / Flaccid Syndrome

- Acute Paraplegia, localized T3-L3
- Myelography: No medular compression
- Hospital: fluids, analgesia, rest, physiotherapy
- Rest and observation 15 days: Euthanasia??



6. Kidney Heat

Bone Wei / Flaccid Syndrome

- Attention with old animals!! Thermoregulation and Kidney function
- Consumption of Jing
- Clinical signs:
 - Dryness,
 - weakness of spine, weak back, unable to stand,
 - atrophy and flaccidity of muscles,
 - dry and lusterless coat



7. Liver and Kidney Heat yin Deficiency / Wei Flaccidity

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- Geriatric patients with yin (Liver and Kidney) deficiency
- Lumbar and stifle pain
- Weakness and muscle atrophy
- Chronic renal failure, hepatic failure,...



Summary of Wei Syndrome due to Zang Organ disfunction

- There is often an Excess process in the beginning
- External Heat or Dampness, internal Heat or Dampness
- Consumption of Qi, Blood and yin
- Deficiency pattern develops
- Weakness or Lameness non-responsive to anti-inflammatory drugs
- Acupuncture!!!

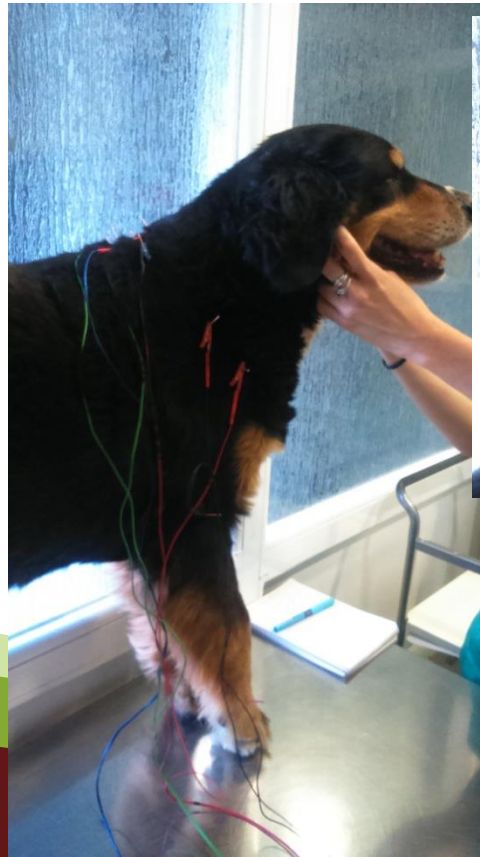
Trauma Induced Wei Bi

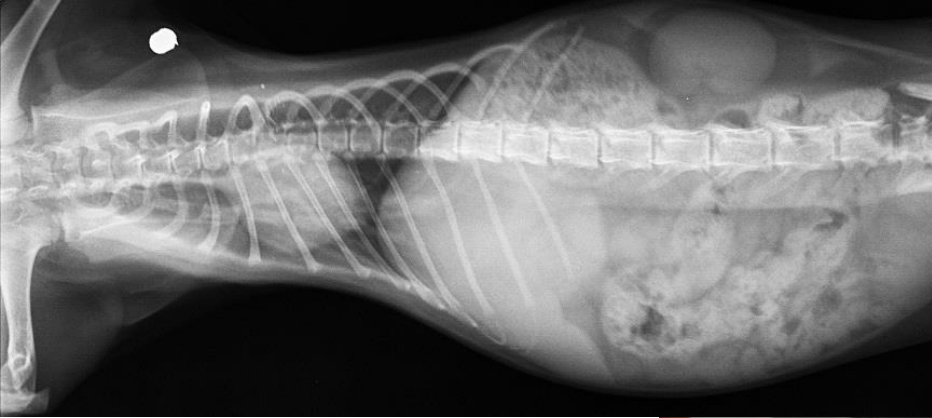
- Nerve injury
- IVDD
- Sport dogs after continued trauma
- Stagnation of Qi and Blood
- Lack of Qi and Blood flow
- Lavender or purple tongue often seen
- Nourish and Move Qi and Blood!!!!



Trauma Induced Wei Bi

- Nerve injury





- Nerve injury
- IVDD



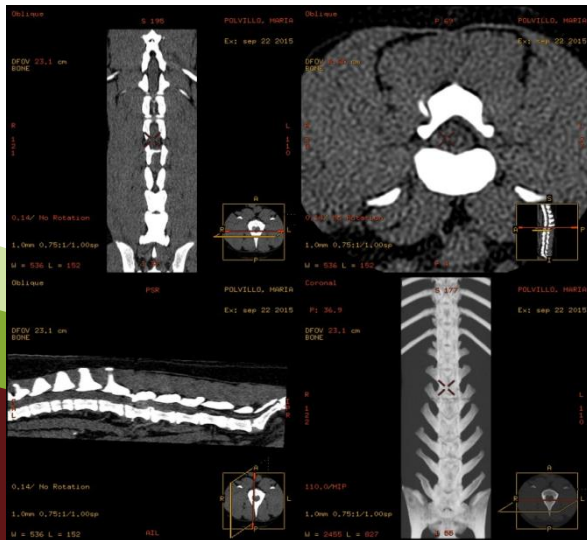
Trauma Induced Wei Bi



Trauma Induced Wei Bi

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- YUNA: IVDD, Disc extrusion L3-L4. Discal hernia Hansen I
Kind of lesions (hemorrhage, edema) and animal general condition → Surgery is not recommended
After painful situation, Wei Syndrome develop?



Trauma Induced Wei Bi

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- SYRA: Flaccidity, Hyporeflexia left arm after domestic injury
- 1st RMI: 12/2014: Intramedullar lesion at C4 cervical body compatible with fibrocartilaginous embolism, edema - / + spinal hemorrhage secondary to trauma, traumatic disc herniation (Hansen type III), myelomalacia,
- After 8 Acupuncture sessions: completely recovered
- 2nd RMI: 5/2015: Cervical degenerative disc disease with mild disc bulge without mieloradicular commitment.



Wei Bi as progression from Chronic Bony Bi

- Chronic arthritis, chronic pain → develops Qi and Blood obstruction
- Advanced Hip osteoarthritis, elbow Dysplasia, Cauda Equina
- Acupuncture's action on neurotransmitters and vascular mediators enhance Peripheral Nervous System around joints
- Jing well points (Jing reserve!!!)



Treatment

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- Qi and Blood nourishment
- Source points
 - Yang: LI4, GB40
 - Yin: LIV3, LU9
- Disharmonies and rebalance
- Local and general treatment
- Moxibustion!!! To treat Dampness
- Physiotherapy and rehabilitation, correct position!!!
- Electroacupuncture to reduce the time of treatment as most owners are not convinced to do long treatment.



**Thank you very
much for your
attention**

ECVA is coming!!



Liver Heat

Musculotendinous Wei / Flaccid Syndrome

- Paraplejia aguda localización T3-L3
- Mielografía: No hay compresión medular
- Hospitalización con fluídos, analgesia, reposo, fisioterapia
- Reposo y observación. Eutanasia??

