

## Indie



### MatrixOne Case Study in Conjunction with Four Paws Animal Hospital

#### History of the case:

Indie, a 1 year old Rottweiler mix, presented for lameness at walk and crying when getting off the couch. Indie was a stray that the new owners found on the side of a highway at the approximate age of 14 weeks old. He was not microchipped and in poor condition upon them finding him. He was heartworm checked, vaccinated, dewormed and castrated at the approximate age of 8 months old. At approximately 9 months old he started to show severe pain in his front limbs. He had previous bouts of intermittent pain. For the initial exam the owners presented a video showing him with severe pain and crying when trying to get off the couch.

#### Past Medical History:

No history is known about Indie due to him being a stray dog.

#### Physical Exam:

Eyes: Normal

Ears: Normal

Digestive: Normal

Circulatory: Normal

Respiratory: Normal

Neural System: Normal

Musculoskeletal: Abnormal

- Decreased range of motion in both elbows with crepitus on extension of the joint
- Very painful when put through range of motion study
- Limping Grade 2 on both front limbs

Lymph Nodes: Normal  
Integumentary: Normal  
Genitourinary: Normal/Castrated  
Hydration, mucous membranes, Attitude: Normal  
T: 101.2

#### Laboratory tests:

CBC: two abnormalities, rest WNL  
-slight lymphocytosis at 5861, slight eosinophilia at 2605  
Chemistry: WNL  
Idexx 4DX: WNL

#### Radiographs: Per Ohio State Dept. of Radiology

Right Forelimb: Right humeroulnar joint is incongruent with subchondral sclerosis of the ulnar notch. Right medial coronoid process ill-defined. Osteophytes on the medial lateral epicondyles of the right humerus, the lateral humeral head and the proximal margin of the anconeal process. There is mild caudal curvature of the distal radius and lateral deviation of the carpus and paw. Right shoulder is unremarkable.

Left Forelimb: Left humeroulnar joint is incongruent. Irregular lucency separating the anconeal process from the olecranon. The margins of the anconeal process are undulating and irregular. There is subchondral sclerosis of the ulnar notch. There is moderate caudal and medial curvature to the distal radius and ulna and lateral deviation of the carpus and paw. There are enthesophytes associated with the interosseous ligament. There are osteophytes on the medial lateral epicondyles of the humerus and the radial head.

Pelvis: There are enthesophytes on the medial and lateral epicondyles of the femurs and medial lateral condyles of the tibia. The coxofemoral joints are normal.

Spine: The spine is unremarkable.

#### Radiographic diagnosis:

1. Bilateral angular limb deformity (radius curvature and carpal valgus) likely due to ulnar physal closure with resultant left ununited anconeal process and bilateral humeroulnar subluxation and mild degenerative joint disease.
2. Bilateral stifle degenerative joint disease.
3. Unremarkable spine and pelvis.

#### Initial Treatment Plan:

Indie was treated with non-steroidal anti-inflammatory drugs (Carprofen) and strict rest. He improved with the medication and the owners elected to keep him comfortable by using them long-term.

# NatrixOne™

## Supplement Trial:

In the summer of 2018, Indie was selected to join a blind supplement trial due to his age and chronic pain issues. The trial lasted 6 weeks and Indie's owners reported a significant decrease in pain and increase in his mobility. Towards the end of the trial, Indie was taken off the carprofen and was kept only on the supplement with great success. That supplement was NatrixOne.

## Current Status of the Case:

Indie is currently only taking NatrixOne daily for pain, and the owner reports that they only have to use NSAIDs when he is extremely active and flares up his degenerative joint disease/arthritis.

## Owner Testimonial:

"Indie was a stray my husband picked up in the middle of nowhere in Indiana. He was probably a little over a year old according to our vet's estimation. He had a limp from the beginning and we just thought he had injured himself somehow. The limp came and went but he had a terrible time if he tried to play and or run too much. We couldn't even take him on short walks. It got so bad he cried severely when he tried to get up from his bed. Our wonderful vets at Four Paws did x-rays and we discovered he has some pretty severe issues in his legs. Dr. Rich asked us to try NatrixOne and the results have been astounding. Indie can run and play so much more- in fact, it's hard to keep him down! We still have to be careful he doesn't overdo it (his condition may require surgery) but this has helped him so very much! Bonus, his coat is so shiny and gorgeous! Our other two dogs loved the oil so much (they always ran to his bowl to lick the residue after he ate) so we decided to try to give it to them also. Lucy, our beagle who may be at least 8 (another stray) has also become much more active and playful. I highly recommend this oil!" – Viola H