

**PATIENT**

Blue Lowthian

**PRESENTING CLINICAL SIGNS**

Presented for puppy vaccines. On history, owner noted that Blue has been limping on his left hind leg for the past ~1 month- lameness became significantly worse 2 weeks ago after Blue was stepped on by his mother. Owner reports that the lameness has been intermittently non-weight bearing on the leg and it seems to be quite sore, owner sometimes notices a clicking noise when Blue is laying down and stretching. Limp seems to get better if they rest Blue for a day, but lameness reoccurs when he returns back to regular activity

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Weight bearing left hindlimb lameness noted at walk and trot in clinic. Painful on manipulation of left stifle, seemed especially sensitive with pressure on the patella. Left stifle was mildly effusive. Patient also seemed painful on extension of left hip, but may have been due to knee pain

**BREED**German Shepherd X  
Husky**RADIOGRAPH OF PELVIS AND STIFLES**

Stifle R and L: 2 orthogonal views each; VD pelvis, 2x lateral pelvis

**SEX**

M

**RADIOGRAPHIC FINDINGS**

Skeletal immaturity compatible with the given age is noted.

L stifle:

The muscle mass around the femur is slightly reduced.

**AGE**

11 Weeks

The patella tendon is thickened proximal and cranial to the patella. The caudal fascial planes are straightened by a soft tissue opacity within the caudal joint space.

**INTERPRETED BY**Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDDI DVR

A radiolucent line bisects the patella horizontally and widens to a triangle cranially. Cortical loss is present at that level. A fine radiolucent line extends from the caudal aspect of the horizontal line distally. Sclerosis is most prominent in the distal fragment.

**HOSPITAL NAME**Nagel & Co.  
Veterinary Services

The other bones are well mineralized, have a normal trabecular structure and a smooth surface. Cortical-medullary development and differentiation of the long bones are physiological.

**RADIOGRAPHIC DIAGNOSIS**

- Transverse fracture of left patella, incomplete
- Swelling patella tendon
- Mild joint effusion

**REFERRING VET**

Dr. Jordan Steedman

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****INVOICE**

50086

The changes are traumatic in origin, but all bone fragments are in a physiological position and sclerosis and trabecular structure indicate healing. Swelling in the region of the distal tendon could be due to hemorrhage, fiber disruption or inflammation. Ultrasound of tendon and muscle is recommended to identify fiber discontinuity. Comparison with the contralateral tendon is recommended.

**DATE**

2-4-22



**PATIENT**

Blue Lowthian

**SPECIES**

Canine

**BREED**

German Shepherd X  
Husky

**SEX**

M

**AGE**

11 Weeks

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDDI DVR

**HOSPITAL NAME**

Nagel & Co.  
Veterinary Services

**REFERRING VET**

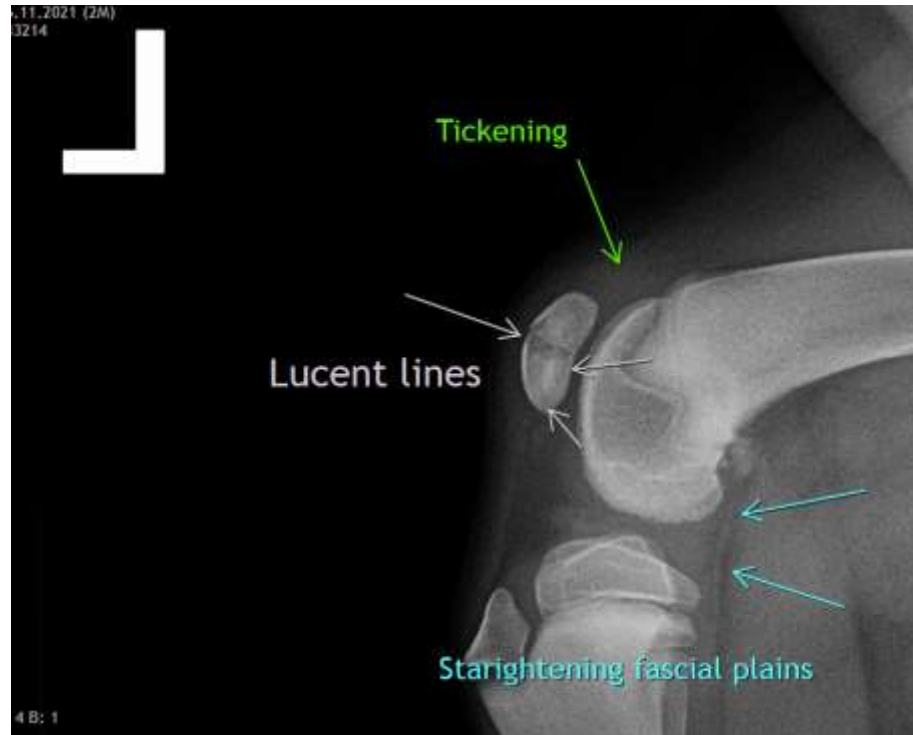
Dr. Jordan Steedman

**INVOICE**

50086

**DATE**

2-4-22



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**Heike Rudolf**, DVM, Dr. med. vet., DipECVDDI, DVR  
Dr.H.Rudorf@gmail.com