



## Oblique Tibial Fracture Fixation in a 3 Month Yo Female German Shepherd

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Luka is a female German shepherd 3 mo presented with

- Left leg left up
- Non weight bearing lameness

### By X-Ray

we found that luka suffers from Middle oblique tibial fracture due to jumping from high place. Manual reduction by percentage over 97 % was made and fixation was only by elastic bandage supported by woody support for 2 weeks.

### Oblique fractures are a type of broken bone

They happen when one of bones is broken at an angle. Depending on which bone is broken and how it happened-might need surgery to repair the fracture.

### Oblique fractures usually affect long bones in body. Some of the most common include

- Femur (thigh).
- Tibia (shin).
- Fibula (calf).
- Humerus (upper arm).
- Radius and ulna (forearm).
- Clavicle (collarbone).

Oblique fractures are almost always caused by falls or other traumas.

What are the symptoms of an oblique fracture?

### Symptoms of an oblique fracture include

- Pain.
- Swelling.
- Tenderness.

Inability to move a part of body that usually could be moved  
Bruising or discoloration. A deformity or bump that's not usually on body.

### What causes oblique fractures?

Any impact to bones can cause oblique fractures. They're usually caused by something hitting body at an angle. Some of the most common causes are falls, car accidents movement injuries.

### How are oblique fractures treated?

How your oblique fracture is treated depends on the severity of the original break. broken bones need to heal back together. Depending on how damaged they are and what caused their break.

### Immobilization

If break is mild and bones didn't move far out of place (if it's non-displaced), you might only need a splint or cast. Splinting usually lasts three to five weeks.

### Closed reduction

More severe breaks require a closed reduction to set (realign) bones. During this nonsurgical procedure, the healthcare provider will physically push and pull body on the outside to line up broken bones on the inside

To prevent you from feeling pain during the procedure, you'll receive one of the following:

Local anesthetic to numb the area around fracture.

Sedatives to relax whole body.

General anesthesia may be needed.

### Oblique fracture surgery

Internal fixation (Plates and screws-Rods-Pins and wires)

External fixation.

What medications are used to treat oblique fractures?

Over the counter NSAIDs like carprofen or ketoprofen can lead to bleeding and other complications after surgery.

So we must put the side effects in consideration.