WHAT IS YOUR DIAGNOSIS

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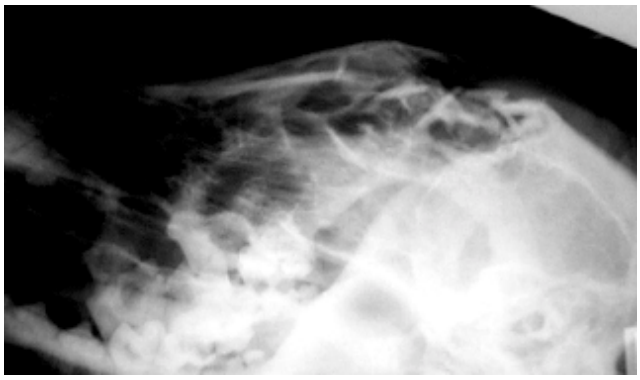

Figure 1 Lateral position of the skull of the dog.

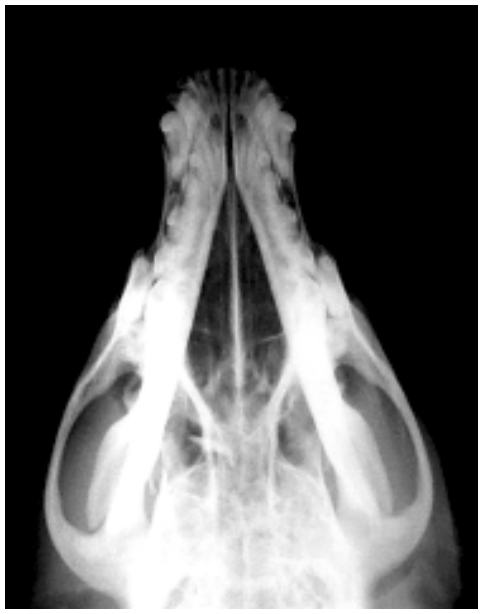

Figure 2 Ventro-dorsal position of the skull of the same dog.

History :

A two year old, male, mixed breed dog was hit by a car. There was a contused wound dorsal to the left eyeball.

Radiographs were taken of the lateral and ventro-dorsal positions of the skull.

Give your diagnosis and turn to page 70.

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Radiographic Diagnosis

Multiple fractures of the frontal bone.

Radiographic Findings and Comments

A lateral view of the skull revealed multiple fractures of the frontal bone which were barely visible in the ventro-dorsal view. There were multiple pieces of fractured bones pressed into the frontal cavity of the skull which could have caused compression and haemorrhage into the frontal cavity and brain.

Lateral projections are the best for demonstrating problems involving the frontal, parietal or occipital bones. They permit good evaluation of frontal fractures, infections and tumors.

Dorso-ventral projections are more valuable in small animals although it is difficult to position the animal correctly. The VD projection is of value in determining fractures of the zygomatic arches as they are not obscured by overlying bony shadows. Other fractures are better demonstrated in lateral projections.