

A FEW IDEAS ABOUT AQUATIC MAMMALS' OPHTHALMOLOGY

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How do I perform a proper ophthalmic exam in aquatic mammals? What instruments will we need, for instance? How to approach our animals? How to refer and report to a specialist?

The authors will explain the importance of trainers' work for early detection of eye problems, how to help the veterinarian for an eye exam, and why correct administration of treatments is so fundamental that it will make the difference between success or failure.

The authors will provide the basic steps to perform a basic ophthalmological exam by reviewing the basic anatomical details, focused on the principal diseases of the captive aquatic mammal eye. Prevention of predisposing factors will be discussed and first line treatments reviewed.

The purpose of the talk is to help veterinarians and trainers to improve their skills in clinical eye diseases in order to achieve a higher standard in animal welfare.

ULTRASOUND IN PINNIPEDS – A REVIEW

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Ultrasound has become a very useful tool for the medical control of marine mammals in the last years. It was mainly used for the follow-up of gestation – but has nowadays become a mean to control organs such as lungs, liver, kidneys or the reproductive tract, among others – or at least in dolphins. With the progress of medical training it is now also used in other marine mammal species, such as sea lions and seals. A couple of facilities have included it in the monthly physical check-ups of their pinnipeds and the purpose of this presentation is to show the different systems we are now able to see and some physiological differences or pathologies already identified.

IDENTIFICATION OF A C2 FRACTURE AND RACHIS DEVIATION THROUGH CT SCAN IN A CALIFORNIA SEA LION (*ZALOPHUS CALIFORNIANUS*)

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