

# Clinical cases of crocodiles in Puerto Vallarta

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*Abstract:* The municipality of Puerto Vallarta is habitat of the American crocodile, a species that is protected in Mexico. In this work, the physical-clinical studies examinations of crocodiles of different sizes, which have been captured in the Municipality of Puerto Vallarta, due to conflict with humans, have been compiled from the last 5 years (2015-2019). In the course of these 5 years, 283 crocodiles have been captured in wildlife, of which 218 were found healthy by not presenting any physical or health problems and were released immediately; 51 crocodiles were rehabilitated, mostly due to malnutrition, so some of them had to be held captive for recovery, others had physical injuries that required surgery; and 14 crocodiles were found dead, in which it was not possible to perform a necropsy to know their cause of death due to their advanced state of decomposition, except for 4 adult crocodiles, of which one died from peritonitis because he suffered perforation in his stomach through a hook; the second due to suffocation due to improper handling; the third due to stress due to improper handling; the fourth presented liver damage and presence of granulomas throughout the ventral part. When analyzing each of the cases of death or requiring rehabilitation, we could see that most of the conditions and / or diseases that occur in the crocodiles under study are directly and indirectly caused by humans.

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