

台北市立動物園孟加拉虎 (*Panthera tigris*) 腎功能不全之探討

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摘要：台北市立動物園保育區近四年來陸續有六隻孟加拉虎死亡，死前的血檢值皆呈現氮血症抑或尿毒血症，而屍解的病理報告亦皆與腎功能不全有關。其餘現存的六隻孟加拉虎在例行性的年度健檢中，亦有相當的比例呈現腎功能指數偏高的現象。本研究的主要目的在於從臨床醫學及營養學的角度來探討動物的腎功能障礙，並進而剖析保育區孟加拉虎發生氮血症的原因，藉以提供貓科動物腎臟疾病的防治及控制上的參考。

關鍵字：孟加拉虎、腎功能不全、氮血症、尿毒血症

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Investigation of Renal Insufficiency of Bengal Tigers (*Panthera tigris*) at Taipei Zoo

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Abstract : There were six Bengal tigers died during the past four years in the conservation area of Taipei Zoo. Their preceding blood examination results showed azotemia or uremia. The pathological reports also indicated renal function was abnormal. A high proportion of the six Bengal tigers also showed abnormal blood renal indexes during routine annual health checking. The major purpose of this report was to investigate renal insufficiency in animals from the points of clinic medicine and nutrition, and to explore the possible cause of azotemia in these tigers. The information obtained from this study may be helped for the prevention and therapy of renal disease in these animals.

Key words: Bengal tiger, Renal insufficiency, Azotemia, Uremia.

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