A Surgical for Luxation of Right Femorotibial Joint in an Oriental Honey Buzzard (*Pernis Ptilorhynchus*)

*Fang-Tse CHAN, Ling-Min WANG, Pei-I LIN, Hsien-Wen HUANG*

*Endemic Species Research Institute, 1, Ming-Shen East Road, Chichi Township, Nantou County 55244, Taiwan, ROC*

(Received: April 21, 2008. Accepted: June 11, 2008)

**ABSTRACT** An injured subadult oriental honey buzzard (*Pernis ptilorhynchus*) was admitted to the Wildlife First Aid Station at Endemic Species Research Institute. The bird presented ring-like skin bruising in the right distal tibiotarsus, hypertension of the right leg, and unwilling to stand. Examination by X-ray revealed a luxation of its right femorotibial joint, its right tibiotarsus and articular cavity was 1.5 cm apart. The bird was anesthetized by isoflurane and then reduced luxation. Intramedullary pins were normograded into the femur and tibiotarsus from the knee. The exposed portions of each pin were shortened and bent. These pins were joined with epoxy putty and the right leg was bandaged to provide rigid stability. Intramedullary pins were removed on the 20th day after surgery. The bird showed normally perching and jumping behaviors on the 21th and 38th day after surgery, respectively. This surgical technique represented a convenient and useful way to reduce femorotibial luxation in a wide variety of avian species. [*Chan FT, Wang LM, Lin PI and Huang HW. A Surgical for Luxation of Right Femorotibial Joint in an Oriental Honey Buzzard (*Pernis Ptilorhynchus*). Taiwan Vet J 34 (2): 116-120, 2008. *Corresponding author TEL: 049-2761331#309, FAX: 049-2761582, E-mail: cft01@tesri.gov.tw]*

**Key words:** luxation, femorotibial joint, intramedullary pins, surgery, avian