

Acute Outbreak of Pneumonic Pasteurellosis in a Goat Farm in Namwon : A Case Report

Gerry Amor Camer, Hee-Jin Park, Sohail Ejaz, Muhammad Zeeshan and Chae-Woong Lim

Bio-safety Research Institute, College of Veterinary Medicine,

Chonbuk National University, Korea

A clinico-pathological examination was done in three Korean native goats with outbreak of pneumonia in a nine-year operational goat farm in Namwon. Diagnostic procedures included clinical examination, necropsy, differential hematology, bacterial culture and histopathology. Mortality reached 28% and morbidity was 80%. Spread of the disease was circumstantially suspected upon introduction of a male goat for breeding purposes purchased from another farm. Clinical manifestations of nasal discharges, frothy salivation, weakness, abdominal respiration, inappetence and eventual deaths were observed. One differential hematological test yielded neutrophilia and lymphopenia. Necropsy consistently showed severe pleuropneumonia and abundance of serosanguinous fluid along the thoracic regions. Histopathology revealed massive infiltrations of inflammatory cells, red blood cells and fibrin of the alveolar parenchyma. Bacteria isolated was presumptively identified as *Pasteurella haemolytica*.

Corresponding author : Chae-Woong Lim(063-270-2563, E-mail:lcw@chonbuk.ac.kr)