

## Present Condition of Diagnostic Ultrasonography on Veterinary Medicine in South Korea

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**Purpose:** As an imaging modality, ultrasound has the advantage of being relatively inexpensive, safe, mobile, and requires little servicing or installation. Although X-rays are ideal for skeletal imaging, ultrasound is a superior modality for most abdominal, gynecologic, obstetric, vascular, genitourinary, soft tissue, and procedural applications. This study was carried out to analyze the present condition of diagnostic ultrasound on veterinary medicine in South Korea and aims at improving manpower in veterinary imaging and ultrasound management system.

**Materials and Methods:** This study focuses on surveying the present condition of diagnostic ultrasound on veterinary medicine. Instrument consists a total of 25 items in four domains: location and scale of animal hospital, spec of ultrasound machine, ultrasonographic exam, effectiveness of ultrasound. Subjects are 80 animal hospitals.

**Results:** The present situation of the ultrasound in the veterinary medicine was reviewed. Problems associated with the present condition and the practical use of ultrasound machine are pointed out as follows: oversupply, unequal distribution of medical equipment in different localities, ineffective use of the medical equipment, the percentage of old poor-quality medical equipments is high.

**Conclusion:** There should be a viable alternative proposal to control amount and quality of ultrasound. Also, the improved management system for ultrasound machine is required.

**Key words:** Present condition, Ultrasound, Veterinary medicine

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