

Epidemiological studies on occupational hazards among Veterinarians

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Abstract

The present study was carried out by conducting a survey among veterinarians related to treatment of animals. As many as 392 veterinarians were surveyed consisting 242 field veterinarians of Uttarakhand and 150 academic veterinarians of Uttarakhand, Punjab and Uttar Pradesh. Out of 392 veterinarians 274 were male and 118 were females. All respondents considered for analysis had regular contact with animals and average working hours per day were 8. Majority of veterinarians reported some sort of injuries within last five year. Out of total 392 respondents, 5.1% (20) reported no injury, 47.5% (186) respondents had 1-5 injuries, 32.1% (126) encountered 5-10 injuries and 15.3% (60) veterinarians had more than 10 injuries during last 5 years. Many individuals reported more than one kind of injury. Individual showed 1 or more than 1 type of injury. The Bite (31.8%), scratch (65.1%), kick (62.8%), horn wound (14%), needle prick (89.2%), injuries due to falling/ lifting animals/ moving heavy equipments (61.3%) and fracture (3.8%) were commonly reported physical injuries. Proportion of injury reported by females was greater than males. Majority of veterinarian (74%) self-treated those physical injuries. 6.5% individuals hospitalized due to injuries like fracture, sprain and severe wound. A total of 19.1% (75/392) of veterinarians were involved in taking radiographic examinations. Most of the veterinarians taking x-rays were academic veterinarians. 86.7% were using lead apron (61.3%), but large proportion did not use lead gloves, lead sleeves, lead glasses and monitor. Proportion of males taking x-rays (69.3%) and using protective gears is greater than females (30.7%).

Biography:

Ajay Kumar Upadhyay has completed his Ph. D. in the year 2000 and presently working as Professor and head Department of Veterinary Public Health and Epidemiology. He has vast research experience of 29 years. He is presently working on Epidemiology of common zoonotic disease in India and food borne pathogens like salmonella and campylobacter. He has authored 7 books and published 5 reviews, 116 research papers and 8 chapters in books.

Speaker Publications:

1. "Studies on cefotaxime induced immunogenicity of Brucella abortus S99 cell proteins"
2. "Comparison of serological tests for detection of Brucella antibodies in cattle of an organized dairy farm"
3. "High brightness electron beams from density transition laser wakefield acceleration for short-wavelength free-electron lasers"
4. "Documentation of Complications Following Multilevel Surgeries in Cerebral Palsy"
5. "Tailoring the laser pulse shape to improve the quality of the self-injected electron beam in laser wakefield acceleration"

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