

Common Injuries in Athletic Horses in Tehran's Riding Clubs

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Various forms of intensive sport activities places stresses on the musculoskeletal system of the horse while involve in any forms of the activity (race &/or training). The musculoskeletal system of the horse has an inherent ability to adapt to the demands of high speed exercise, though if a threshold in adaptive capacity is exceeded, then some forms of damages to the structures of the musculoskeletal system may result. In case, if the insult (race &/or training) continued, it may worsen the repair and adaptation process and put the horse at risk of more serious musculoskeletal injury.

The result of this research describe the finding of the study performed in different breeds of horses involved in various types of activity in Tehran's riding clubs, concentrating on the types of injuries observed in those horses. The study was then focused on the types of injuries observed in various activities (events) horses involved in.

Totally 400 horses took part in various activities during race season (March - September) in Tehran's riding clubs, out of which 26 horses injured, in most of which musculoskeletal system of the fore limbs were involved.

From the sexual aspect of the study the percentages of the stallions were more (54%) when compared to the mares (46%). In this study the relation between the sex, breed, age and the weight of the horses with anatomical site of the injury, outcome of the injury, climate and the type of the event (jumping, polo etc.) were studied and compare with each other.

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