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Studies to minimise the risk of fatal and non-fatal injury in jump racing

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On-going project: an overview



The aims of this project are to identify risk factors for fatal and non fatal injury during jump racing in the UK and to design interventions to minimise risk. The results of this work will provide invaluable information for the racing industry and will indicate priorities to mitigate risk and provide estimates of the potential impact of interventions. We will achieve these aims by conducting a series of multi-level multivariable epidemiological analyses of the data contained within the BHA Equine and Welfare database. This database includes extensive information on every start made on UK racecourses since 2000 (more than 700,000 starts). We will identify which injuries are most important in jump racing; identify risk factors for the most prevalent of these; investigate seasonal differences in injury risk; examine race-level risk factors which have not been previously investigated; and validate previous models of tendon injury to provide greater confidence when designing interventions.
