



Association of Racecourse Veterinary Surgeons

Chairman: Mark Georgetti

Committee:

Graham Potts: Treasurer  
John Keen: Meetings Organiser  
Matthew Tong: Sponsorship Organiser  
John Codner: BHA Representative  
Anne Gibbs  
David Mathieson

**Summer Scientific Meeting**  
**Tuesday 4<sup>th</sup> June 2013 - Doncaster Racecourse**  
***Optimising Performance, Avoiding Pathology***

This meeting aims to discuss ways of optimising physiology while avoiding pathology in some key soft tissues of racehorses; namely skeletal muscle, tendons and cardiac muscle, the latter in relation to sudden death in the equine athlete. Comparative aspects will be explored, using clinical and research information obtained from studies designed to maximise performance and avoid problems in elite human athletes.

**Draft Programme**

**08.15 – 08.50** Registration & Coffee

**08.50 – 09.00** Introduction by ARVS Chairman – Mark Georgetti

**09.00 - 09.30** **Training the equine athlete: skeletal muscle function and adaptation to exercise and training.**

Professor Richard Piercy, RVC London

**09.30 – 10.15** **Optimising muscle function in the elite human athlete:**

Dr Graeme L Close, Liverpool John Moores University

**10.15 - 11.00** **Muscle disorders in the racehorse:**

Professor Richard Piercy

**11.00 – 11.30** **COFFEE**

**11.30 – 12.15** **New insights into tendon function and their failure:**

Professor Peter Clegg, University of Liverpool

**12.15 – 13.00** **Flexor Tendonopathy in racehorses: getting maximal benefit from imaging.**

Dr Charlotte Sinclair, B & W Equine Group, Glos

**13.00 – 14.15** **LUNCH**

**14.15 - 14.30** AGM of the Association of Racecourse Veterinary Surgeons

**14.30– 15.15** **Sudden death in the racehorse: what can we determine from worldwide post mortem studies?**

Catriona Lyle, University of Pretoria, South Africa

**15.15 – 15.45** **COFFEE**

**15.45– 16.30** **Sudden death in the human athlete: causes, risk factors and avoidance strategies**

Professor Sanjay Sharma, St George's Healthcare Trust, London

**16.30– 17.00** **Sudden death in the racehorse: risk factors and avoidance strategies**

Catriona Lyle

**17.00 – 17.30** **Questions and Discussion**