

EQUINE CARDIOLOGY & EFFORT TESTING IN SPORT HORSES

3 DAY PROGRAM

**Day One Basics and disorders**

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08h30	The basics of cardiac anatomy and physiology: the KISS principle
09h15	Getting the most out of your stethoscope: how to auscultate and recognize murmurs & arrhythmias
10h00	Common cardiac disorders and their impact on sport: MR/AR
10h45	
11h15	Common cardiac disorders and their impact on sport: TR/VSD/other (myocardial disease)
12h00	Systemic disorders and their consequences for the heart
12h45	Cardiac disorders in the foal: prognosis in leisure and sport
13h30	
14h30	Auscultation living
16h00	Auscultation audios
17h30	Cardiac Dissection

**Day Two Electrocardiography & Effort Testing**

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08h30	ECG 1.0: how to record a resting ECG and interpret it
09h15	Exercising ECG: going one step beyond
10h00	Advanced equine cardiology: what is possible (mapping, 3D)
10h45	
11h15	Recording the exercising ECG - practical tips
12h00	Cardiac evaluation in the PPE: examination and liability
13h00	
14h30	How to analyse the ECG (Televet/Kubios if Arioneo sponsors)
16h00	Exercising ECG cases
17h30	Cases solving

**Day Three Echocardiography & Therapeutics**

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08h30	Ultrasonographic Anatomy of the Heart
09h15	Flow Ultrasonography: M-Mode, Color & Doppler
10h00	Doppler Echocardiography: Indications, Principles & Interpretation
10h45	
11h15	Echocardiography cases & Discussion
12h00	Managing anesthesia and sedation in horses with cardiac conditions: playing safe
12h45	Cardiac therapeutics for the equine practitioner (15-20 min) + arrhythmia management (brief overview of TVEC/quinidine)
13h30	
14h30	Echocardiography
16h00	Echocardiography
17h30	Cases solving