

**Supplementary Table 2.** Age, gender, breed, VSD type and other cardiac findings associated with complex congenital heart disease cases. Ao: aorta; ASD: ostium primum atrial septal defect; Arab: Arabian horse; C: Continuous; d: days; G: gelding; M: mare; m: months musc: muscular; NA: not available; HD: holodiastolic; HS: holosystolic; PA/Ao: pulmonary artery/aortic root diameter ratio; PDA: patent ductus arteriosus; pm: perimembranous; PS: pansystolic; PVS: pulmonary valve stenosis; RVH: right ventricular hypertrophy; S: stallion; TOF: tetralogy of Fallot; TV: tricuspid valve; Vmax: maximal velocity; VSD: ventricular septal defect; VTI: velocity time integral; Wbl: warmblood; y: years; \*: concomitant presence of tricuspid valve atresia; \*\*: reversed PDA; \*\*\*: TOF + ASD: referred as pentalogy of Fallot; +: present; -: absent.

Horse	Age	Gender	Breed	Murmur (Grade)		VSD	ASD	PDA	Dextroposition and override of aortic root	RVH	PVS	PVS flow		Increased PA/Ao	TOF
				Left side	Right side							VTI (cm)	Vmax (m/s)		
1*	0 d	S	Wbl	PS (4/6) HD (3/6)	PS (4/6) HD (3/6)	pm	+	+	+	+	+	NA	NA	-	-
2	2 y	S	Welsh	PS (NA) HD (NA)	PS (NA) HD (NA)	pm	-	-	+	+	+	63	3.21	+	+
3	7 m	S	Arab	PS (5/6)	PS (5/6)	pm	-	-	+	+	+	83	4.26	-	+
4	3 m	M	Arab	C	C	pm	-	+	+	+	+	110	3.45	-	+
5	9 d	M	Arab x Friesian	C	C	musc	-	***	-	+	+	26	2.8	+	-
6	8 y	G	Wbl	PS (5/6)	PS (5/6)	pm	+	-	+	+	+	238	5.41	+	+***
7	3 y	S	Wbl	NA	NA	pm	-	-	+	+	+	NA	NA	+	+
8	2 y	G	Wbl	HS (4/6) HD (2/6)	HS (5/6)	pm	-	-	+	+	-	NA	NA	-	-
9	2 d	M	Draft horse	PS (NA)	HS (NA)	pm	-	-	+	+	+	31	2.66	-	+
10	8 y	G	Wbl	HS (5/6)	HS (5/6)	pm	-	-	+	+	+	NA	NA	-	+
11	0 d	M	Welsh	HS (NA)	HS (NA)	pm	-	-	+	+	-	NA	NA	-	-
12	2 y	M	Wbl	PS (4/6)	PS (5/6)	pm	-	-	+	+	+	NA	NA	+	+