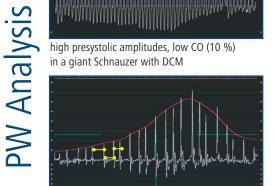


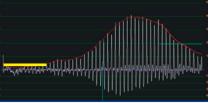
Essential Facts of HDO® (High Definition Oscillometry)

(40 **Normal distribution** 123 of pulse wave in a healthy dog File M058630 Sys = 141 Dia = 80 MAP = 102 Puls = 118 linearity line (red):measurement results: linear deflation -Sys, Dia, MAP, Pulse bell shape curve: parameters: mm/* (P2) - 12 Sain (P4) - 288 Cutt2 (P3) - C1 arterial opening - P-Max / P-Min behaviour - mm/s - Gain base line Terrica 10 1.10.00 - Cuff Hbo

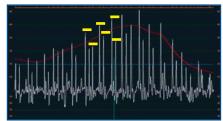
high presystolic amplitudes, low CO (10 %) in a giant Schnauzer with DCM



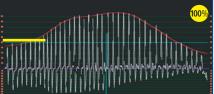
distance between amplitudes = rhythm Dog with respiratory sinus arrhythmia



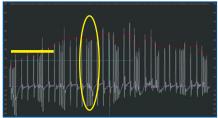
low presystolic amplitudes due to vasodilation (e.g. septicemic shock)



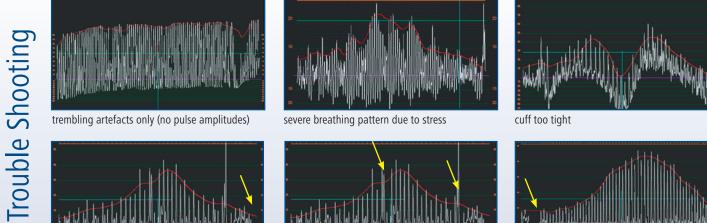
height of amplitude: stroke volume Stroke Volume Variances (SVV) and arrhythmia due to extra beats (frayed pattern)



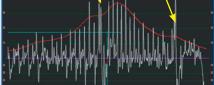
a hypertensive dog with CKD; Gain A too high >100%



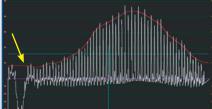
high presystolic amplitudes and arrhythmia during anesthesia with Ketamine, Rompun and Isoflurane



cuff too loose



movement artefacts



artefact due to change in position

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- VET HDO Tablet

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HDO - Evidence based!

- 1 First and only NIBP Gold Standard
- 2 Real time analysis
- 3 The only true pulse wave representation
- 4 BP and cardio-vascular parameters



Typ of Hypertension	SAP	DAP	Risk of Target Organ Damage
mildly elevated BP	> 150 mmHg	> 95 mmHg	mild
medium	> 160 mmHg	> 100 mmHg	medium
severe	> 180 mmHg	> 120 mmHg	severe
ACVIM Consensus Statement 2007			

