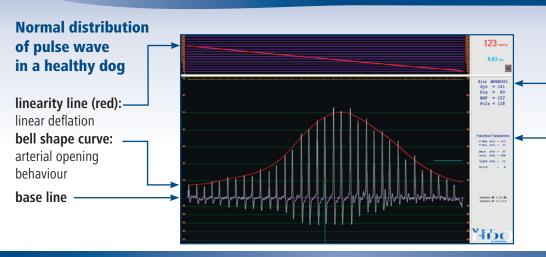


Essential Facts of HDO®

(High Definition Oscillometry)

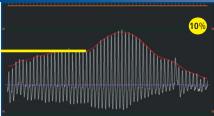


measurement results:

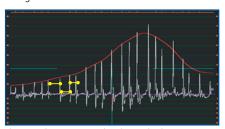
-Sys, Dia, MAP, Pulse

parameters:

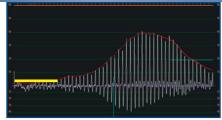
- P-Max / P-Min
- mm/s
- Gain
- Cuff



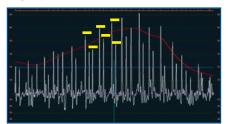
high presystolic amplitudes, low CO (10 %) in a giant Schnauzer with DCM



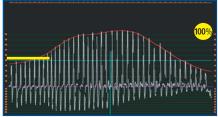
distance between amplitudes = rhythm Dog with respiratory sinus arrhythmia



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



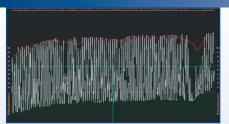
height of amplitude: stroke volume Stroke Volume Variances (SVV) and arrhythmia due to extra beats (frayed pattern)



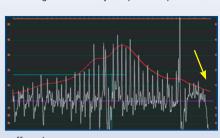
a hypertensive dog with CKD; Gain ▲ too high



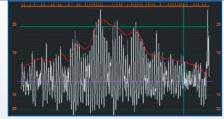
high presystolic amplitudes and arrhythmia during anesthesia with Ketamine, Rompun and Isoflurane



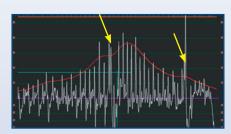
trembling artefacts only (no pulse amplitudes)



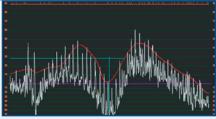
cuff too loose



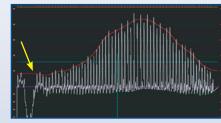
severe breathing pattern due to stress



movement artefacts



cuff too tight



artefact due to change in position

S+B medvet GmbH Neuer Weg 4 | D-64832 Babenhausen | www.submedvet.de | www.vet-HDO.com







VET-HDO°-MONITOR

NIBP-SYSTEM visibly better

GOLDSTANDARD

EQUIPMENT

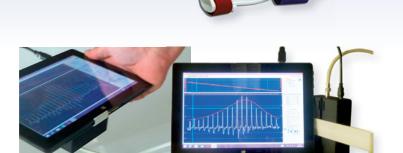
- VET HDO MD PRO/USB
- VET HDO MD PRO/USB/ BT (Bluetooth)
- ☐ VET HDO MD Equine/USB/BT
- ☐ VET HDO Tablet

Includes:

3 cuffs: C1 D1 D2 USB 2.0 cable Manuals HDO / MDSWIN MDSWIN Analyse Software (windows)

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			

