

Study	F/A	GA/CON	IBP	NIBP	BW: TG	COR	Normo/Hypo/ Hypertension BP range (mmHg)	Bias (mmHg)	Limits of agreement (mmHg)	R	
Branson et al.	A	GA, lateral and dorsal recumbence	Facial artery	Coccygeal artery Vet/BP 6000	0.4-0.5	0.74	Normotension	<b>SAP:</b> 18	-12,49	0.84	
								<b>DAP:</b> 9	-7, 26	0.92	
								<b>MAP:</b> 11	-8, 30	0.93	
Giguere et al.	F	GA, lateral recumbence	Metatarsal artery	Coccygeal+ Cardell9402 (Car) Dinamap (Din)	0.36-0.9 (0.52±0.13)	NU	Normo/Hypotension: MAP range:23-95 mmHg	<b>Din coccygeal MAP:</b> 4.5	-12.7, 21.2	NR	
								<b>Car coccygeal MAP:</b> -0.5	-17.7, 16.7		
Nout et al.	F	- GA lateral recumbence - CON lateral recumbence	Metatarsal artery	Coccygeal artery ProPaq Encore 206 EL	0.36- 0.52	NU	GA Normo/Hypotension: MAP Range: 35-119 mmHg	<b>SAP:</b> 8.0	-18.8, 34.8	NR	
								<b>DAP:</b> -1.3	-11.2, 8.7		
								<b>MAP:</b> -1.1	-9.4, 7.2		
							CONS Normo/Hypotension: MAP range: 59-113 mmHg		<b>SAP:</b> 15.0		-17.6, 47.5
							<b>DAP:</b> -0.4	-17.9, 17.1			
<b>MAP:</b> -0.5	-17.2, 16.1										
Olsen et al.	A	CON Standing	Facial artery	Coccygeal artery Datex Ohmeda	manufactures description	0.7	Normotension	<b>SAP:</b> -1.5	-19.3, 16.3	NR	
								<b>DAP:</b> 0.05	15.9, 16.0		
								<b>MAP:</b> -0.3	-18.5, 19.1		
Tearney et al.	A	GA, lateral recumbence	Transverse facial artery	Coccygeal artery+, Cardell 9401	0.25 ±0.02 0.42±0.03 0.50±0,03	NU	Normotension	<b>MAP:</b> -0.39		NR	
								<b>MAP:</b> 9.91			
								<b>MAP:</b> 8.46			
Tümsmeyer et al.	A	GA: dorsal recumbence	Transverse Facial artery	Coccygeal artery HDO (Memo diagnostic Equine)	0.4	0.74	Normotension (MAP= 60-110 mmHg) *	<b>SAP:</b> 0.1	-38,38	NR	
								<b>DAP:</b> 4.7	-26, 35		
								<b>MAP:</b> 0.5	-27, 28		
Zacche et al.	A	CON Standing	Facial artery	Coccygeal artery Dixtal 2710 (Dix)	0.4	NR	Normotension	<b>SAP:</b> 23.28		0.61	
				PetMAP (Pet)					<b>SAP:</b> 31.95		0.60

**Supplemental Table 2:** Comparison of recent studies evaluating oscillometric blood pressure monitors

F=Foal, A=Adult, GA = general anesthesia, CON= Conscious, IBP= location of catheter placement for invasive blood pressure measurement, NIBP= Location and device used for non-invasive blood pressure measurement, BW:TW= Bladder width to tail width ratio, COR= correction factor (mmHg/cm), NU= not used, NR= not reported, SAP= Systolic arterial pressure, DAP= diastolic arterial pressure, MAP= Mean arterial pressure, HDO= high definition oscillometry. + In this study other locations also tested. \*In this study hypo and hypertension were also tested.