

ARTERIAL TONOMETRY

Non-Invasive Haemodynamic Assessment

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Pulse Wave Analysis

CENTRAL HAEMODYNAMIC PARAMETERS

Systolic Blood Pressure	101	mmHg
Diastolic Blood Pressure	68	mmHg
Pulse Pressure	33	mmHg
Mean Arterial Pressure	82	mmHg
Mean Systolic Blood Pressure	93	mmHg
Mean Diastolic Blood Pressure	76	mmHg
SubEndocardial Viability Ratio	96	%
End Systolic Blood Pressure	85	mmHg
Form Factor	44	
Blood Pressure Amplification	10	mmHg
Pulse Pressure Amplification	31	%
Augmentation Index	15	%
Reflected Waves Delay	112	ms
Left Ventricular Ejection Time	322	ms
Diastolic Time	590	ms
Heart Rate	66	bpm
*Brachial Systolic Blood Pressure	111	mmHg

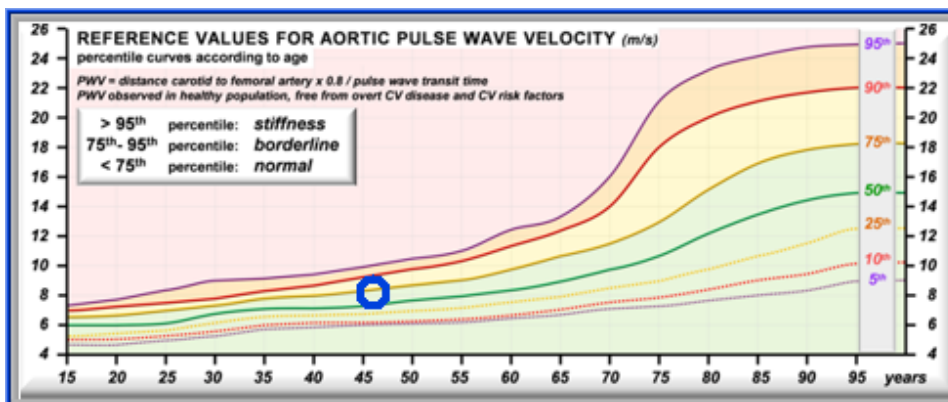
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Quality Index: CAR: 98%, FEM: 97%, RAD: 92%

Aortic Pulse Wave Velocity - Index of Arterial Stiffness = 8,2 m/s



Upper Limb PWV = 5,9 m/s

Vascular Age: 47 yrs

Conclusions:

The examination showed normal viscoelastic properties of the aortic artery according to the age, as documented by the pulse wave velocity at the 71st percentile. Regular morphology of the pressure wave. SEVR = 96 % (values < 45 % are suggestive for a reduced subendocardial perfusion). Central systolic pressure is 101 mmHg, with a humeral pressure of 111 mmHg: pulse pressure amplification = 31 %.

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X: 150 ms/Div