SOT
Single Occlusion Technique
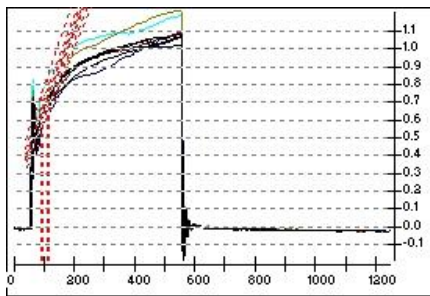
ECO MEDICS

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Name:	**Demo Baby**	Sex:	Female
Date of Birth/Age:	01.01.2006/15.92	Weight (kg):	5.0
Identification:	BABDEM010106	Height (cm):	60

Date:/User: 07.12.2021/......
Diagnose: **healthy baby**
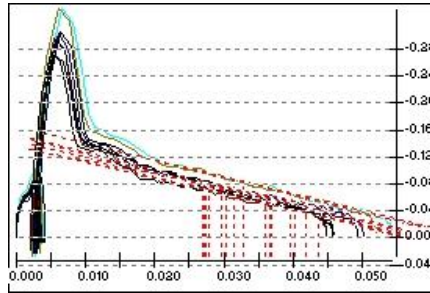
Flow (L/s) / Volume (L)

Pao (kPa) / Time (ms)

TEST-DATA (ACTUAL)

Parameter	Symbol	Unit	Value	std. dev.	CV %
Total number of occlusions/breaths:		8/25			
Selected number of occlusions:		8			
Mean values of selected occlusions:					
Respiratory Resistance	R_int	kPa/(L/sec)	6.425	0.105	1.64
Resp. System Compliance	CrsSO	mL/kPa	55.483	3.536	6.37
Resp. System Compliance/kg	CrsSO/kg	(mL/kPa)/kg	11.097	0.707	6.37
Resp. System Resistance	RrsSO	kPa*sec/L	102.125	15.652	15.33
Resp. System Conductance	GrsSO	1/(kPa*sec/L)	0.010	0.001	12.19
Back Extrapolation Flow	F_ext	mL/sec	141.907	11.910	8.39
Extrapolation Volume	V_ext	mL	61.158	4.373	7.15
Volume at end of occluded breath	V_occ	mL	48.357	3.617	7.48
Resp. System Time Constant	trs	sec	0.433	0.041	9.37
Back Extrapolation Pressure	P_alv	kPa	0.399	0.047	11.79
Pressure before occlusion	Pao_pre	kPa	0.010	0.003	24.41
Flow before occlusion	Flow_pre	mL/sec	63.620	6.034	9.48
Pressure at end of occlusion	Pao_end	kPa	1.093	0.066	6.02
Mean Pressure of plateau	Px	kPa	1.073	0.062	5.76
Difference Pao_end - Pao_pre	dPao	kPa	1.103	0.064	5.79
Mean Tidal Volume pre occlusion	VT_pre	mL	n/a		
Mean respiratory rate pre occl.	RR_pre	1/min	n/a		
Mean End Expiratory Level pre occl.	V_EEL	mL	n/a		
Volume at start of occlusion	V1	mL	2.259	0.190	8.41
Resistance of apparatus	Rapp	kPa/(mL/sec)	0.094325	0.015	16.37
EEL std. dev. pre occlusion	EELs	mL	n/a		
EEL std. dev. % pre occlusion	EELs%	%	n/a		
EEL change pre-post as % of VT_pre	d%EEL	%	n/a		
Time of occlusion	t_occ	msec	495.0	0.000	0.00
Time of plateau	t_plat	msec	100.0	0.000	0.00
Plateau Pressure std. dev.	Pao-s	Pa	14.586	6.553	44.93
Plateau Pressure Change	d%Pao	%	3.95	2.068	52.32
Squared correlation coefficient F/V	r2	1	1.000000	0.000	0.00
Volume intercept (V_ext-V_EEL)	VicSO	ml	n/a		