

Guided autonomic test results



Recording Date 10-7-2020 11:29:20
Physician

Patient
Reference
Name
Age ... yr
Weight .. kg
Height .. cm
Gender female

Recording
Identifier 2020-07-10_09.19.42
Duration 00:41:59
Blood Pressure Type Finger
Averaging (beat-to-beat) 1
Procedure

Measurement comments: Additional print comments:

Preview
Shown values are obtained in a non-clinical setting
and are for demonstration purposes only!

Performed tests

Units

Test performed	Trials performed
Valsalva test	2
Stand test	1
Deep Breathing test	1
Tilt Table test	1
Cold Pressor test	1
Drug Administration test	1
Carotid Sinus Massage test	1

Abbreviations	Units
SBP, MAP, DBP, Pulse pressure	mmHg
Heart rate (HR)	Beats/min
Valsalva ratio	(HR)Max/(HR)Min
Pressure recovery time, Duration	hh:mm:ss.s
RR-interval, SDNN, RMSDD	ms
Standard deviation (SD)	-
Very low frequency (VLF)	0.003-0.04 Hz
Low frequency (LF)	0.04-0.15 Hz
High frequency (HF)	0.15-0.4 Hz
Peak	Hz
HRVI	-
Baroreceptor Sensitivity (BRS)	ms/mmHg

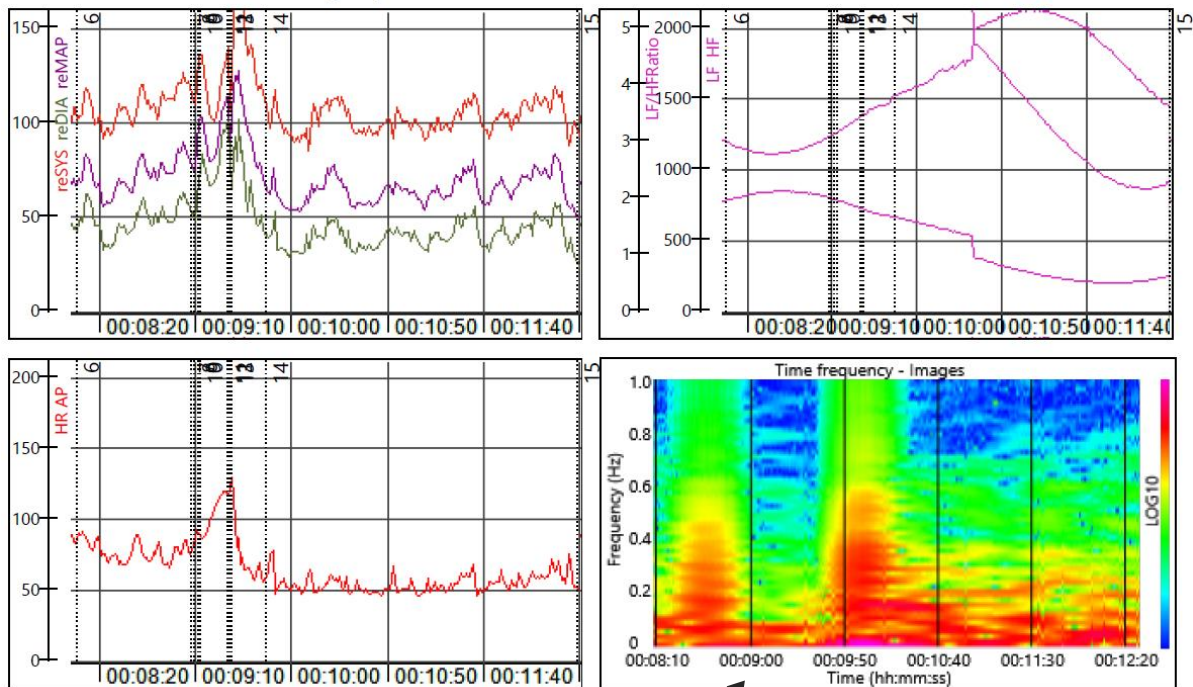
Patient name: Reference: Procedure:

Valsalva trial 1 results

Valsalva Description	Baseline	Phase 1	Phase 2		Delta (Phase 2 min - Phase 1 max)	Delta (Phase 2 late max - Baseline)	Phase 3	Phase 4	Delta (Phase 4 max - Baseline)
Duration	00:01:03.0	00:00:03.3	00:00:14.1		-	-	00:00:01.0	00:00:18.8	-
	Average	Max	Min	Late max			Min	Max	
SBP	109	140	99	141	-40	31	101	173	63
MAP	73	105	79	117	-26	44	80	128	55
DBP	50	84	66	102	-18	53	70	102	52
Heart rate	79	86 (min)	120 (max)	115 (min)	34	36	120 (max)	56 (min)	-23
Pulse pressure	60	64	31	39	-33	-21	27	90	30

Valsalva ratio	2,14	Pressure recovery time	00:00:00.4
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Valsalva trial 1 results graphs



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Patient name: Reference: Procedure:

Valsalva trial 1 results markers

Index	Time	Marker description
6	00:00:00.0	VM1: Start Valsalva with 'Baseline'
7	00:01:00.1	VM2: 'Valsalva target: 40 mmHg'
8	00:01:01.5	M Phase 1: Start
9	00:01:03.0	VM: 'Start exhale'
10	00:01:04.8	M Phase 1: End
11	00:01:18.9	M Phase 2: End
12	00:01:20.0	M Phase 3: End
13	00:01:20.5	VM3: 'Breathe normally'
14	00:01:38.8	M Phase 4: End
15	00:04:20.7	VM4: Protocol done

Overall Valsalva trial 1 results HRV indices

Parameter	Peak (Hz)	Power (ms2)	Power (log)	Power (%)	Power (nu)	Parameter	Value
VLF(band)	0.0116	2966	8	68	1	SDNN(ms)	79
LF(band)	0.0465	1195	7	27	0	RMSDD(ms)	39
HF(band)	0.2364	198	5	5	0	pNN50(%)	16
Total		4360				HRVI	16
LF/HF		6				BRS (ms/mmHg)	12

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Patient name: Reference: Procedure:

Stand trial 1 results

Stand At	Baseline Position: Sitting	At 30s stand	At 60s stand	At 90s stand	At 120s stand	At 150s stand	At 180s stand
Description							
Duration	02:00.2	00:02.0	00:02.0	00:02.0	00:02.0	00:02.0	00:02.0
HR	69	80	81	88	62	75	72
SBP	109	129	126	132	138	136	128
MAP	82	91	96	97	92	94	93
DBP	61	72	77	78	69	70	73

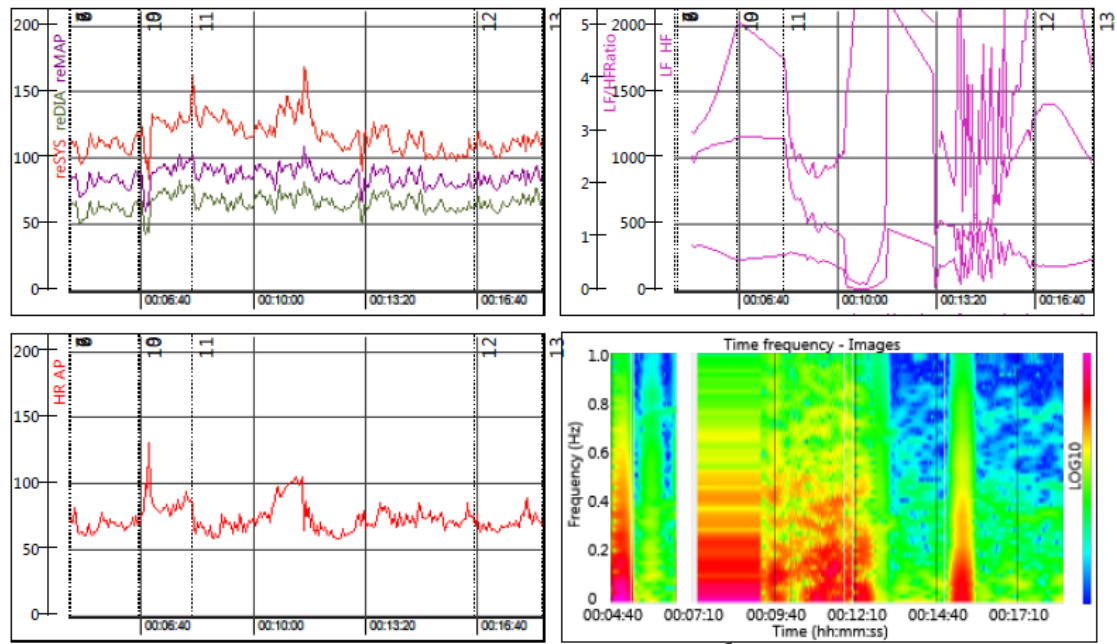
Stand Nadir	To Nadir	To Base
Description		
SBP	00:16.0	00:00.9
MAP	00:15.6	00:01.2
DBP	00:16.0	00:00.5

Stand Within	Within 15s stand	Delta (15s - baseline)	Within 180s stand	Delta (180s - baseline)	Total stand period	Delta (Total - baseline)
Description						
Duration	00:15.0	-	03:00.0	-	10:00.0	-
HR (max)	157	89	210	142	*	
SBP (min)	92	-18	47	-63	*	
MAP (min)	58	-24	41	-41	*	
DBP (min)	41	-20	12	-49	*	

Stand (ECG)	HR HR parameters
Description	
RR at 15th beat	877
RR at 30th beat	1045
30/15 ratio	1.19
HRmax - HRmin	46
HR10-HR20	NaN

* No change in value

Stand trial 1 results graphs



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Patient name: Reference: Procedure:

Stand trial 1 results markers

Index	Time	Marker description
8	00:00:00.0	SM1: Start Stand test with 'Baseline'
9	00:02:00.2	SM2: 'Stand up'
10	00:02:02.0	M Phase HRmax
11	00:03:35.3	M Phase HRmin
12	00:12:00.5	SM3: 'Sit down'
13	00:14:00.7	SM4: Protocol done

Overall Stand trial 1 results HRV indices

Parameter	Peak (Hz)	Power (ms^2)	Power (log)	Power (%)	Power (nu)	Parameter	Value
VLF(band)	0.0048	10201	9	87	1	SDNN	86
LF(band)	0.044	1149	7	10	0	RMSDD	43
HF(band)	0.1548	330	6	3	0	pNN50(%)	25
Total		11681				HRVI	16
LF/HF		3				BRS	9

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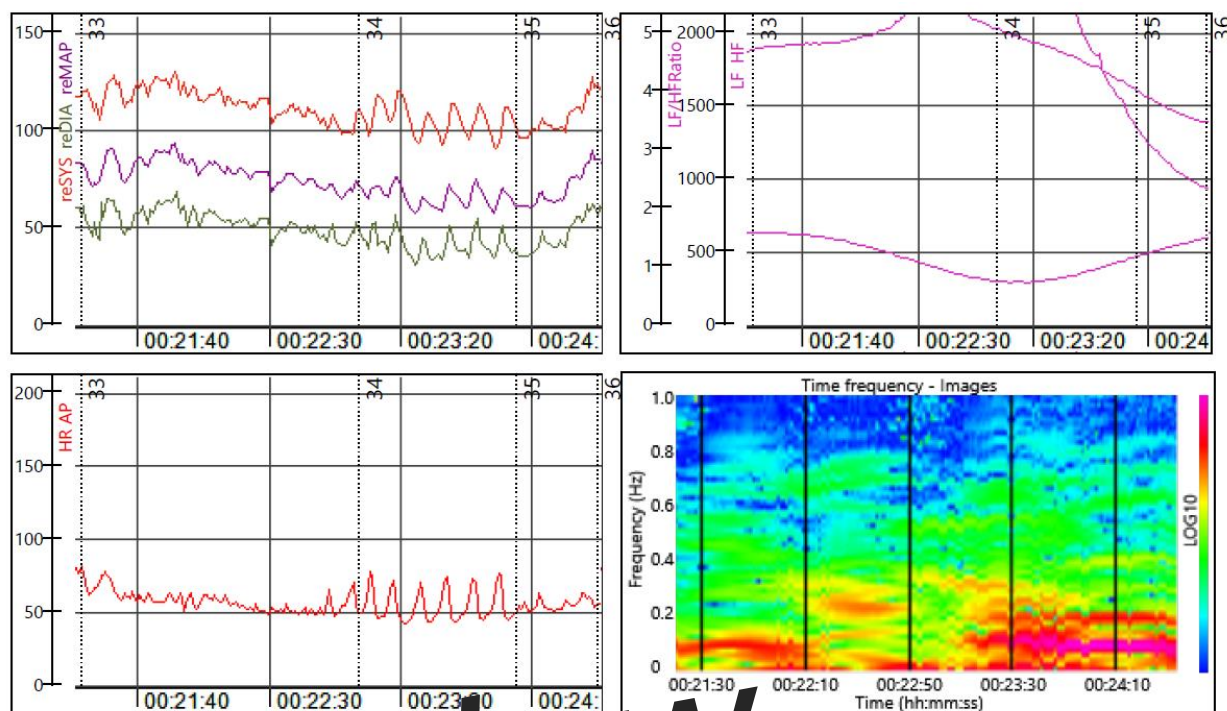
Patient name: Reference: Procedure:

Deep breathing trial 1 results

Deep breathing	Maximum (5 cycle average)	Minimum (5 cycle average)	Delta (5 cycle average)
Description			
Duration	00:00:50.0	00:00:50.0	-
Heart rate	73	44	29
RR-interval	1351	823	528
SBP	114	95	19
MAP	72	58	13
DBP	52	34	18

Respiratory Sinus Arrhythmia Ratio	1,64
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Deep breathing trial 1 results graphs



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Patient name: Reference: Procedure:

Deep breathing trial 1 results markers

Index	Time	Marker description
21	00:00:00.1	DBM1: Start Deep Breathing test with 'Baseline'
22	00:01:45.6	DBM1 Skipped; DBM2: 'Deep Breathing insp: 5s – exp: 5s'
23	00:02:46.1	DBM3: 'Breathe normally'
24	00:03:16.3	DBM4: Protocol done

Overall Deep breathing trial 1 results HRV indices

Parameter	Peak (Hz)	Power (ms2)	Power (log)	Power (%)	Power (nu)	Parameter	Value
VLF(band)	0.0154	3242	8	59	1	SDNN(ms)	130
LF(band)	0.108	1704	7	31	0	RMSDD(ms)	69
HF(band)	0.2006	572	6	10	0	pNN50(%)	49
Total		5518				HRVI	20
LF/HF		3				BRS (ms/mmHg)	18

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