Subject No	Subject#1	Subject#2	Subject#3	Subject#4	Subject#5	Subject#6	Subject#7	Subject#8	Subject#9	Subject#10	Subject#11	Subject#12	Subject#13	Subject#14
Gender	M	F	M	M	M	F	F	M	M	M	F	M	M	F
Height cm	176	170	191	175	172	162	160	175	170	183	173	193	198	157
Weight kg	73	64	80	81	73	59	62	67	78	98	64	99	80	59
Age	23	29	26	23	25	23	24	25	23	25	23	26	22	24
MVC kg	33	29	40	33	36	18	21	27	32	33	30	52	45	20
30% MVC kg	9.9	8.7	12	10	10.8	5.4	6.3	7.1	9.6	9.9	9	15.6	13.5	6
Normothermia Baseline														
SBP	110	117	120	136	117	123	121	120	130	130	118	122	129	99
DBP	54	64	56	60	66	57	65	70	68	55	62	59	61	59
MAP	73	82	77	85	83	79	84	87	89	80	81	80	84	72
SkBF%	100	100	100	100	100	100	100	100	100	100	100	100	100	100
CVC%	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SR (mg/cm2/min)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tsk	34.8	34.0	34.1	35.9	34.7	35.1	34.2	34.9	34.9	35.0	34.7	35.0	34.6	35.0
Tcore	37.0	37.2	36.3	37.5	36.9	37.3	37.2	36.8	37.1	36.8	37.0	37.0	37.0	37.0
Tobody	36.8	36.9	36.0	37.3	36.7	37.1	36.9	36.6	36.9	36.6	36.7	36.8	36.7	36.8
HR	57.2	66.9	55.5	69.2	63.4	66.8	56.3	60.0	88.0	38.5	63.4	48.9	47.0	57.1
MSNA BR	7.2	20.1	10.6	26.7	7.0	13.1	12.1		11.4	8.3	20.9		10.5	6.9
BR/100beat	12.5	30.0	19.1	38.6	11.0	19.6	21.5		12.9	21.8	33.0		22.4	12.0
Total MSNA	108	410	178	397	92	374	310		145	161	267		156	99
SV %	100	100	100	100	100	100	100	100	100	100	100	100	100	100
CO %	100	100	100	100	100	100	100	100	100	100	100	100	100	100
TPR %	100	100	100	100	100	100	100	100	100	100	100	100	100	100
NT handgrip														
SBP	137	145	158	180	140	154	148	156	167	165	156	141	153	117
DBP	65	84	74	92	73	74	82	92	91	81	85	77	86	70
MAP	90	105	104	123	98	101	103	114	117	111	110	108	112	86
SkBF%	159.1	99.4	155.4	152.3	153.6	146.6	119.9		141.2	214.2	214.0	112.0	149.0	109.1
CVC%	128.4	77.3	115.6	105.6	130.1	114.8	64.7		106.7	153.6	156.4	82.9	111.5	90.9
Tsk	34.9	34.0	34.8	35.9	34.8	35.3	34.2	34.8	35.0	35.0	34.8	35.2	37.0	35.1
Tcore	36.9	37.2	36.3	37.5	36.9	37.3	37.7	36.8	37.0	36.8	37.0	37.0	37.0	37.0
Tbody	36.7	36.8	36.1	37.3	36.7	37.1	37.4	36.6	36.8	36.6	36.7	36.8	37.0	36.8
HR	74.9	87.2	81.0	91.3	79.0	98.9	77.9	76.9	104.6	67.7	94.4	69.7	78.0	83.0
MSNA BR	14.4	40.2	23.6	53.3	41.0	19.5	21.9		35.9	22.6	35.9		29.7	29.7
Total MSNA	286	742	563	964	868	413	326		802	699	1050		694	627
SV %	110.8	106.6	121.3	97.6	123.7	93.8	95.7	104.1	113.4	94.6	122.6	93.3	91.4	124.0
CO %	141.2	135.2	175.2	126.6	148.9	136.1	132.3	131.6	130.1	164.2	169.2	129.6	157.9	180.3
TPR %	88.4	95.1	81.8	117.4	76.3	86.7	85.0	101.9	124.2	84.6	93.0	96.4	87.3	60.9
NT PEMI														
SBP	137	137	150	180	154	145	139	147	150	160	150	137	150	126
DBP	65	77	71	85	78	63	74	85	79	73	77	74	75	73
MAP	90	97	101	120	101	94	95	108	104	106	106	99	104	90
SkBF%	128.3	94.7	101.1	133.2	112.0	77.9	113.1		118.9	107.7	220.6	111.2	127.7	116.4
CVC%	103.3	80.1	77.3	94.8	91.8	65.8	99.6		100.9	81.4	168.0	89.6	102.2	92.6
Tsk	35.0	34.1	34.9	36.2	35.0	35.5	34.3	34.9	35.1	35.2	35.0	35.3	34.7	35.2
Tcore	36.9	37.1	36.3	37.4	36.9	37.7	37.7	36.8	37.0	36.8	36.9	37.0	37.0	37.0
Tbody	36.7	36.8	36.1	37.3	36.7	37.5	37.3	36.6	36.8	36.6	36.7	36.8	36.7	36.8
HR	61.4	68.5	62.8	75.1	72.3	73.7	52.7	60.7	89.2	46.9	81.1	48.8	57.5	68.0
MSNA BR	24.8	37.2	19.1	50.8	21.9	18.1	38.8		40.1	15.4	25.2		19.9	39.7
Total MSNA	553	621	351	977	317	518	804		693	550	934		534	853
SV%	111.1	108.8	127.9	118.9	125.3	126.9	113.8	111.8	123.8	111.1	134.1	106.3	106.9	129.8
CO%	117.3	107.3	144.4	127.7	140.4	134.1	106.5	112.2	124.7	131.8	156.5	105.1	127.0	154.6
TPR%	106.3	110.8	94.8	113.0	82.3	82.6	104.9	113.0	114.4	101.1	85.8	117.5	98.4	77.3
NT PEMI+stretch														
SBP	140	141	152	182	145	154	143	147	158	163	156	135	151	131
DBP	68	80	71	86	73	69	76	86	85	77	86	76	76	80
MAP	93	100	100	122	100	98	97	108	110	108	110	102	105	98
SkBF%	127.5	95.4	94.4	130.6	109.4	109.0	133.9		142.1	139.6	239.6	115.6	124.3	154.2
CVC%	100.2	71.6	83.9	97.1	85.5	75.6	117.4		123.2	101.9	200.9	82.3	100.9	127.7
Tsk	35.0	34.1	34.9	36.2	34.9	35.4	34.3	34.9	35.1	35.2	35.0	35.3	34.7	35.3
Tcore	36.9	37.1	36.3	37.5	36.9	37.3	37.6	36.8	37.0	36.8	36.9	37.0	36.9	37.0
Tbody	36.7	36.8	36.1	37.3	36.7	37.1	37.3	36.6	36.8	36.6	36.7	36.8	36.7	36.8
HR	60.7	69.1	62.0	76.7	68.7	75.9	67.1	58.3	86.1	48.8	84.1	47.5	57.6	73.9
MSNA BR	26.8	40.4	25.2	53.9	32.1	23.1	40.0		44.1	18.3	26.4		25.1	50.2
Total MSNA	670	770	481	1119	541	739	835		823	718	1156		634	1292
SV %	111.1	106.7	127.2	116.1	129.0	115.6	104.8	109.6	123.1	104.9	119.9	108.1	107.7	138.6
CO %	114.4	109.5	142.7	126.7	138.3	126.4	124.8	106.6	117.9	131.2	159.3	102.1	131.0	179.5
TPR %	113.0	112.4	96.1	115.2	83.2	91.1	85.9	119.6	127.8	104.1	118.5	123.4	95.7	70.7

Subject No	Subject#1	Subject#2	Subject#3	Subject#4	Subject#5	Subject#6	Subject#7	Subject#8	Subject#9	Subject#10	Subject#11	Subject#12	Subject#13	Subject#14
HT resting baseline														
SBP	113	119	112	132	129	113	119	118	138	131	113	145	132	101
DBP	52	62	49	56	53	48	61	56	60	55	52	56	63	54
MAP	72	81	72	77	78	71	80	80	86	74	72	86	86	69
SkBF%	693.9	838.5	239.0	371.0	922.1	1131.5	1339.0	490.1	752.4	819.4	533.3	662.7	412.7	540.0
CVC%	694.8	844.9	255.3	414.2	978.3	1260.5	1406.1	530.5	774.3	881.2	593.6	617.5	401.5	561.4
SR (mg/cm2/min)	0.273	0.930	0.894	0.797	1.574	0.289	1.160	1.175	1.168	0.631	1.525	0.302	0.616	0.406
Tsk	37.5	38.9	38.3	38.0	37.9	38.0	38.9	38.4	38.6	37.5	38.3	37.6	38.6	39.1
Tcore	37.4	37.8	37.0	37.8	37.3	37.6	37.8	37.6	37.6	37.3	37.7	37.7	37.6	37.7
Tbody	37.4	37.9	37.1	37.8	37.4	37.6	37.9	37.7	37.7	37.3	37.8	37.9	37.7	37.9
HR	75.8	90.2	81.0	83.3	82.0	86.3	90.9	82.4	114.5	73.2	82.2	71.6	59.8	77.0
MSNA BR	29.2	32.9	21.6	39.7	30.1	17.2	16.1		33.8	41.2	22.9		17.7	13.2
BR/100beat	38.5	36.5	26.6	47.7	36.7	20.0	17.7		29.5	56.3	27.9		26.7	18.9
Total MSNA	523	419	268	608.37	810	896	331		433	1249	325		230.83	309
SV % of NT base	90.9	113.4	93.2	85.9	104.1	123.0	95.8	99.5	104.5	80.7	120.0	104.8	98.4	90.7
CO % of NT base	119.0	152.0	126.1	106.9	134.9	154.9	154.5	136.2	131.6	151.7	145.3	151.8	124.9	122.4
TPR % of NT base	87.7	39.9	72.4	92.3	71.4	53.0	33.1	54.6	81.9	54.9	62.3	56.0	82.6	89.7
HT Handgrip														
SBP	149	145	148	154	148	133	138	139	183	149	154	183	164	131
DBP	67	76	70	67	83	65	73	70	83	66	75	83	81	78
MAP	93	99	100	97	101	92	98	98	110	90	102	120	116	96
SkBF%	860.9	999.8	298.3	416.9	1063.3	1318.2	1553.3	535.1	856.9	830.9	691.5	785.1	371.2	948.5
CVC%	672.5	823.6	230.7	366.5	877.4	1137.5	1329.8	474.5	688.1	739.2	547.3	521.2	267.2	710.1
Tsk	37.6	38.7	38.1	38.2	37.8	38.1	39.0	38.1	38.6	37.7	38.1	37.5	38.6	38.8
Tcore	37.5	37.8	37.1	37.8	37.3	37.6	37.9	37.7	37.6	37.6	37.7	37.7	37.6	37.7
Tbody	37.5	37.9	37.2	37.8	37.4	37.7	38.0	37.8	37.7	37.6	37.7	37.6	37.7	37.8
HR	93.3	104.6	102.6	115.9	92.5	116.9	99.7	96.4	130.3	93.0	114.9	97.4	95.4	114.9
MSNA BR	54.4	41.0	36.9	53.3	50.1	24.6	18.1		50.3	57.8	43.9		39.0	60.5
Total MSNA	1759	896.16	651.13	675.1	935	1213	485		739	1991	1065		712.63	1392.34
SV % of NT base	97.6	130.9	100.4	87.2	103.5	114.2	109.0	102.9	106.3	83.4	122.9	96.0	97.2	90.0
CO % of NT base	156.4	200.1	183.2	138.8	153.2	190.3	192.9	161.0	154.0	201.4	210.1	184.9	192.0	178.0
TPR % of NT base	86.5	40.1	74.0	84.6	73.4	54.2	32.6	59.6	98.2	50.8	68.3	66.9	70.0	58.3
HT PEMI														
SBP	132	131	123	153	135	123	128	133	158	148	139	164	147	128
DBP	56	67	59	64	56	55	64	63	71	64	65	69	69	71
MAP	80	90	86	95	84	82	87	91	93	87	89	103	96	90
SkBF%	860.7	898.8	264.4	479.0	1040.5	1255.7	1571.2	589.2	865.2	813.9	668.7	773.8	520.1	803.2
CVC%	778.1	815.9	236.2	430.2	1026.3	1217.3	1522.8	564.9	822.1	751.5	607.3	598.6	453.6	641.6
Tsk	37.5	38.7	38.2	38.2	37.8	38.1	39.0	38.1	38.7	37.8	38.1	37.5	38.4	38.7
Tcore	37.5	37.8	37.4	37.8	37.3	37.7	37.9	37.8	37.6	37.5	37.7	37.7	37.7	37.7
Tbody	37.5	37.9	37.5	37.8	37.4	37.8	38.0	37.9	37.7	37.5	37.7	37.6	37.7	37.8
HR	82.0	95.8	92.6	103.7	87.0	101.1	85.4	84.9	118.3	86.1	98.6	81.4	71.2	101.6
MSNA BR	63.7	54.1	34.3	55.6	30.0	24.0	30.9		56.9	43.8	41.2		29.4	59.1
Total MSNA	1525	820	418	1547	482	963	809		782	1573	939		554	1181
SV % of NT base	101.4	129.9	95.9	87.3	116.5	124.9	114.5	110.7	105.3	82.1	123.8	107.4	106.8	102.9
CO % of NT base	142.0	179.7	158.4	136.5	157.4	183.5	173.5	153.4	140.3	181.9	190.3	175.8	159.7	179.8
TPR % of NT base	82.3	39.5	71.3	82.9	64.6	50.6	32.7	56.9	91.5	54.2	67.6	60.7	73.1	53.8
HT PEMI+stretch														
SBP	135	131	129	157	137	125	133	133	158	149	132	168	148	128
DBP	60	68	63	67	57	58	68	64	70	66	63	72	69	72
MAP	85	90	90	96	85	86	91	92	92	89	85	107	96	91
SkBF%	873.3	943.5	272.3	446.8	1053.5	1299.0	1663.0	536.2	880.4	855.9	644.5	827.5	567.9	827.5
CVC%	744.4	855.7	232.2	398.5	1034.7	1203.3	1541.7	503.6	844.3	772.5	610.4	618.0	494.5	653.3
Tsk	37.5	38.7	38.2	38.2	37.8	38.0	38.9	38.1	38.7	37.8	38.1	38.5	38.3	38.7
Tcore	37.5	37.8	37.2	37.8	37.3	37.7	37.9	37.8	37.6	37.5	37.7	37.7	37.7	37.7
Tbody	37.5	37.9	37.3	37.8	37.4	37.7	38.0	37.8	37.7	37.5	37.7	37.7	37.8	37.8
HR	83.7	93.6	91.7	104.0	85.4	102.6	89.6	84.9	118.0	94.2	94.2	83.4	73.2	104.4
MSNA BR	58.3	57.0	35.6	64.0	35.3	32.2	31.9		56.3	46.1	36.4		27.8	69.8
Total MSNA	1640	792	484	1817	608	1188	728		769	1415	837		405	1348
SV % of NT base	103.1	130.8	97.3	88.4	118.0	126.6	116.2	111.6	106.0	81.7	120.5	109.1	107.7	103.6
CO % of NT base	146.8	179.9	159.9	140.5	155.3	186.7	184.8	152.7	138.9	177.3	180.4	181.4	167.1	186.4
TPR % of NT base	84.3	39.4	74.9	83.7	65.9	51.7	32.6	58.8	91.4	56.7	73.0	60.8	69.7	52.4