

APPENDICES

MASTER CHARTS

Master Chart - 1 Showing Anthropometric Data Of Obese Subjects (n = 30)

Sr. No.	AGE Years	WT. Kg	HT. cm	BMI Kg/m ²	Waist cm	Hip cm	W/H	BSA m ²	Triceps cm	Subscapular cm	Chest cm	Sup. Iliac cm
1	17	112	180	34.56	113	119	0.95	2.37	3.5	5.6	5.6	10.5
2	17	80	170	27.68	89	94	0.95	1.84	5.4	5.5	5.4	8
3	17	92	170	31.83	109	102	1.06	2.08	4.8	11.5	9.2	14.4
4	17	80	170	27.68	84	94	0.95	2.05	3.3	4.2	4.3	14
5	17	94	177	29.4	102	106	0.97	2.29	3.6	8.4	6.3	7.7
6	17	106	176	34.75	105	105	1	2.28	7	5.5	5.5	7.5
7	17	94	177	29.4	97	100	0.97	2.18	5.2	7.4	5.2	9.4
8	17	76	170	36.3	93	92	1.01	1.99	4.5	5.5	6.5	11.5
9	17	80	170	27.68	94	99	0.95	1.94	3.7	4.3	4	8.4
10	17	103	183	31.79	114	112	1.02	2.29	4	6.2	6.5	9.2
11	17	74	170	25.6	76	86	0.88	1.87	4	4.5	4.5	9.3
12	17	75	162	29.3	84	85	0.95	1.84	3.5	4	5	8.2
13	14	67	160	26.17	82	84	0.95	1.73	4.4	5.2	6	11.5
14	17	109	160	42.58	124	117	1.06	2.2	5.2	5	4	11
15	14	70	160	27.34	75	80	0.94	1.76	4	4.5	3.2	10
16	16	80	177	25	76	87	0.87	1.98	4.5	4	3	6.5
17	15	72	169	24.9	84	83	0.9	1.84	5	5	4	8
18	15	72	169	24.9	85	98	0.87	1.82	4	6	3	9.5
19	14	75	157	30	92	106	0.95	2.1	5.5	7	4	9
20	14	62	150	27.55	81	97	1.13	1.88	4.4	6	3	9
21	14	71	165	26.3	85	75	0.84	1.94	4.5	5	3	7
22	14	62	150	27.55	80	100	1.13	2.12	3.5	3.5	2	9.5
23	14	90	175	30	72	82	1.25	1.92	4	4.5	3.5	6
24	15	63	158	24.6	78	86	0.88	1.8	4.5	5	4	8
25	14	75	157	30	75	87	0.95	1.82	5.5	6	4	9
26	14	70	160	27.34	95	87	0.94	2.03	4.5	5	3.5	8
27	17	78	168	27	92	90	1.05	2.1	3.5	5	3.2	7
28	17	80	180	24.69	78	76	0.95	1.82	4	6	4	9.5
29	17	82	180	25.3	95	97	0.96	2.02	2.8	4.5	3.7	8.5
30	14	70	160	27.34	76	83	0.94	1.78	4	4.5	3.8	9.5

Master Chart - 2 Showing Pulmonary Function Test Data Of Obese Subjects (n = 30)
(Contd)

Sr. No.	FIV1		FIVC		FIV1/FIVC			MVV		
	Obs (l)		Obs (l)		OBS(%)	PRED(%)	OBS(/fs)	PRED(L)	%PRED	
1	4		5.14		67.07	100	116	131.34	89	
2	2.66		3.14		95.49	100	97.18	119.33	90	
3	1.93		2.48		84.1	100	71.01	119.33	60	
4	1.28		1.51		97.6	100	120	104.43	109	
5	1.75		2.25		68	100	170	124.81	140	
6	2.2		2.59		60.25	100	137	119	110	
7	1.91		2.46		68	100	170	124.81	140	
8	2.54		2.99		76	100	120	115.38	104	
9	2.54		3.26		97.6	100	120	104.43	109	
10	0.76		0.9		98.4	100	154	118.39	112	
11	1.73		2.23		74	100	72	137.37	70	
12	1.13		1.34		72	100	111.2	119.33	94	
13	1.47		1.89		61.84	100	97.18	107.97	90	
14	2.81		3.31		78.62	100	100.1	107.32	96	
15	1.56		2		95.56	100	106	108.37	98	
16	1.78		2.1		71	100	107	126.9	102	
17	2.23		2.86		94.9	100	61.97	121.42	51	
18	1.8		2.12		76	100	131	121.42	108	
19	1.97		2.53		72	100	97.18	102.89	90	
20	2.36		2.78		99.84	100	76.27	95.31	80	
21	2.25		2.89		74	100	104.56	144.89	117	
22	1.57		1.85		99.84	100	76.27	95.31	80	
23	1.52		1.96		77	100	111.2	127.98	94	
24	1.13		1.33		98.11	100	85.7	108.37	79	
25	1.34		1.72		72	100	97.18	102.89	90	
26	2.32		2.74		95.56	100	106	108.37	98	
27	2.23		2.87		100	100	107	119.33	90	
28	1.88		2.22		88.41	100	111.2	132.39	94	
29	1.43		1.92		99.5	100	111.2	131.34	94	
30	1.74		2.05		95.56	100	106	108.37	98	

Master Chart - 2 Showing Pulmonary Function Test Data Of Obese Subjects (n = 30)

(Contd)

Sr. No.	PEFR			PIFR	FEF25-75%			FEF50%		FEF75%	
	OBS(I/s)	PRED(I/s)	%PRED		OBS(I/s)	PRED(L/S)	%PRED	OBS(I/s)	Pred	OBS(I/s)	Pred
1	10.18	8.9	114	4.54	5.2	3.91	106	6.6	4.32	2.31	2.02
2	5.48	8.9	68	4.26	4.16	3.82	109	5.31	4.4	2.73	1.99
3	8.64	8.09	107	2.62	3.81	3.82	100	4.27	4.4	1.74	1.99
4	6.97	8.05	87	4.06	3.85	3.74	100	2.89	4.32	1.04	1.9
5	7.8	8.82	85	2.8	2.8	3.78	74	2.97	4.89	0.7	2.1
6	9.59	8.47	113	2.2	3.81	3.82	100	4.85	4.42	1.5	1.98
7	7.8	8.82	85	2.8	2.8	3.78	74	5.55	4.4	3	1.99
8	8.86	8.09	110	2.2	5.46	3.82	140	4.53	4.32	1.86	1.93
9	6.97	8.05	87	4.06	3.85	3.74	100	3.99	4.62	1.88	2.07
10	7.09	9.32	76	6.5	3.6	4	90	3.79	4.4	2.04	1.99
11	5.46	8.09	67	3.1	3.7	3.82	88	4.48	4.35	2.54	2.03
12	5.48	8.05	68	2.8	3.2	4.2	76	3.21	4.27	2.83	1.97
13	6.32	7.31	86	2.2	4.05	3.81	106	2.29	4.25	1	2
14	4.54	7.27	62	1.23	3.3	3.73	89	5.94	4.97	2.45	2.1
15	6.9	7.31	83	4.5	1.94	3.81	51	3.88	4.54	1.73	2.11
16	7.58	8.55	89	6.21	4.51	3.99	110	4.84	4.54	2.76	2.11
17	6	8.16	74	3.19	3.45	3.98	87	4.46	4.32	2.77	2.04
18	6.06	8.16	74	2.23	4.19	3.98	105	4.59	4.25	2.94	1.98
19	5.48	6.92	68	5.05	4.14	3.8	109	4.46	4.44	2.48	2.07
20	5.46	6.46	84	4.42	2.79	3.64	77	3.08	4.15	1.51	1.94
21	6.68	7.33	86	3.98	4.1	3.9	105	4.01	4.61	2.18	2.16
22	5.46	6.46	84	4.42	2.79	3.64	77	3.37	4.35	1.51	2.03
23	8.09	8.58	94	5.06	3.8	4.07	90	1.89	4.27	0.33	1.97
24	6.28	7.31	86	2.15	3.14	3.81	82	4.59	3.86	2.23	1.7
25	5.48	6.92	68	5.05	4.14	3.8	109	3.83	4.4	2.1	1.99
26	6.9	7.31	83	4.05	1.94	3.81	51	4.59	4.59	2.23	2.09
27	6.06	8.09	75	2.28	3.55	3.82	90	3.79	4.4	2.04	1.99
28	8.06	8.94	90	2.9	4.06	3.99	102	4.48	4.35	2.54	2.03
29	10.88	8.9	122	5.4	5.19	3.91	100	3.21	4.27	2.83	1.97
30	6.9	7.31	83	4.05	1.94	3.81	51	2.29	4.25	1	2

Master Chart - 2 Showing Pulmonary Function Test Data Of Obese Subjects (n = 30)

Sr. No.	FEV1			FVC			FEV1/FVC		
	OBS(I)	PRED(L)	%PRED	OBS(I)	PRED(L)	%PRED	OBS(%)	PRED(%)	%PRED
1	4.14	3.55	117	4.59	4.22	109	90.16	84.12	107
2	2.65	3.18	80	3.54	3.63	97	74.96	87.8	86
3	3.51	3.18	98	3.51	3.63	97	88.45	87.8	101
4	3.39	3.16	107	4.3	3.67	117	79.02	86.1	92
5	2.64	3.18	80	3.47	3.4	105.26	76	87.35	87
6	3.59	3.38	107	4.44	3.95	112	80.84	85.06	95
7	2.64	3.18	80	3.47	3.4	105.26	76	87.35	87
8	3.84	3.18	121	4.04	3.63	111	96.19	87.8	109
9	3.39	3.16	107	4.3	3.67	117	79.02	86.1	92
10	3.12	3.75	83	3.78	4.5	84	82.41	80	99
11	3.2	3.18	101	4	3.63	110	80.15	87.8	81
12	2.65	3.18	80	3.54	3.6	97	74.96	87.16	86
13	3.08	2.83	109	3.18	3.01	106	94.7	94.02	100
14	2.66	2.81	95	2.76	3.05	90	96.09	92.13	105
15	2.1	2.83	74	2.55	3.01	85	82.09	94.02	87
16	4.03	3.4	118	4.8	3.87	124	80.94	87.86	96
17	2.44	3.22	76	2.7	3.56	76	92.72	90.45	100
18	3.05	3.22	95	3.3	3.56	93	91.95	90.45	102
19	2.65	2.66	80	3.54	2.7	97	74.96	98.52	86
20	2.57	2.44	105	3.16	2.43	129	81.18	99.19	82
21	3.27	3.3	109	3.52	3.28	107	92.84	92.38	101
22	2.57	2.44	105	3.16	2.43	129	81.18	99.19	82
23	3.39	3.42	99	3.81	3.83	99	89.11	89.3	100
24	2.68	2.83	95	3.14	3.01	104	85.4	94.02	91
25	2.65	2.66	80	3.54	2.7	97	74.96	98.52	86
26	2.1	2.83	74	2.55	3.01	85	82.09	94.02	87
27	2.66	2.18	84	2.76	2.63	76	96.07	87.8	110
28	3.47	3.57	97	3.92	4.18	94	88.48	85.41	104
29	4.14	3.55	117	4.65	4.22	110	88.9	84.12	106
30	2.1	2.83	74	2.55	3.01	85	82.09	94.02	87

Master Chart - 3 Showing Anthropometric Data Of Control Subjects (n = 30)

Sr. No.	AGE Years	WT. Kg	HT. cm	BMI Kg/m ²	Waist cm	Hip cm	W/H	BSA m ²	Triceps cm	Subscapular cm	Chest cm	Sup. Iliac cm
1	17	60	167	22.2	70	77	0.9	1.67	3.6	2.9	3	4.8
2	17	63.5	178	19.75	70	77	0.91	1.78	2.4	2.4	1.8	7.2
3	17	56	168	19.38	72	74	0.97	1.59	2.2	3.5	1.8	6.8
4	17	52	166	19.25	66	74	0.89	1.54	1.5	1.5	1.5	4
5	17	57	174	19	80	74	1.08	1.66	5.2	2.5	2	8
6	17	48	170	19.25	62	70	0.89	1.51	1.2	1.6	1	3.7
7	17	50	164	18.55	62	66	0.94	1.38	0.7	2	1	3
8	17	52	164	18.55	63	67	0.94	1.54	1.5	2	1.5	5
9	17	54	168	18.7	82	84	0.98	1.59	2	2.4	2	6.4
10	17	56	176	18.67	70	76	0.92	1.59	1.8	2.5	2	5
11	17	58	174	19.1	82	82	1	1.67	1.8	2	2.2	5.2
12	17	47	164	18.5	64	66	0.97	1.48	2.2	2.1	2.4	3.4
13	17	48	164	18.5	64	72	0.89	1.41	2	2	2.3	6.5
14	17	60	172	20.69	70	77	0.91	1.44	3	3	2.4	6.2
15	17	48	166	18.5	80	87	0.92	1.49	1.5	2	1	6.8
16	15	48	155	20	60	72	0.89	1.49	3.5	4	3	4.5
17	14	50	160	19.53	64	74	0.83	1.55	3	3.5	3	4.4
18	14	50	160	19.53	64	72	0.86	1.41	3.5	3.8	3	3.6
19	14	55	157	22.92	60	68	0.89	1.54	1.5	2	1.8	4
20	14	45	160	18.8	65	74	0.88	1.49	2.5	3	2.4	4
21	14	55	157	22.92	68	76	0.89	1.47	3.8	4.2	2.4	4.6
22	14	51	167	18.9	54	64	0.89	1.48	2	3	1.5	4
23	15	50	160	19.5	58	66	0.86	1.49	3	3.5	2.2	4.4
24	14	50	155	18.52	58	66	0.84	1.55	2	2.5	2.7	4
25	14	50	157	20.32	60	70	0.91	1.41	2.1	3	1.8	3.5
26	17	48	170	19.25	62	70	0.89	1.54	2.1	3	1.8	3.5
27	17	50	164	18.55	58	66	0.94	1.49	2.2	3.5	1.8	6.8
28	17	48	166	18.5	58	66	0.92	1.47	1.5	1.5	1.5	4
29	15	48	155	20	60	70	0.89	1.48	1.5	2	1	6.8
30	14	50	160	19.53	62	70	0.83	1.49	3.5	4	3	4.5

Master Chart - 4 Showing Pulmonary Function Test Data Of Control Subjects (n = 30)

Sr. No.	FEV1			FVC			FEV1/FVC		
	OBS(I)	PRED(L)	%PRED	OBS(I)	PRED(L)	%PRED	OBS(%)	PRED(%)	%PRED
1	2.69	2.99	90	3	3.36	98	81.77	88.99	92
2	3.8	3.59	107	4	4.15	98	94.15	88.51	109
3	2.72	3.18	86	3	3.63	95	79.2	87.8	90
4	3.2	2.99	107	4	3.36	104	94.2	88.99	97
5	3.47	3.38	100	4	3.91	94	94.2	88.45	109
6	4	3.18	126	4	3.63	111	99.59	87.8	114
7	3.44	2.99	115	4	3.36	117	87.2	88.99	98
8	3.5	2.99	117	4	3.36	104	93	88.99	96
9	3.56	2.99	112	4	3.63	110	94	87.8	97
10	3.28	3.18	97	4	3.91	90	90.05	88.45	108
11	3.6	3.38	108	4	3.91	111	98	88.45	108
12	3.56	3.38	114	4	3.2	125	91	87.5	104
13	3.09	2.99	104	3.2	3.36	101	91	88.99	100
14	3.45	2.97	116	3	2.54	118	98	86.72	115
15	3.02	3.08	98	3.2	3.36	86	95	88.99	113
16	3.26	2.64	123	3	2.73	124	96.18	98.7	99
17	3.05	2.83	107	3.3	3.01	109	92.4	94.02	98
18	3	2.83	107	3	3.01	101	99	94.02	106
19	3.16	2.64	120	3.42	2.73	125	96	98.7	100
20	2.3	2.85	80	2.04	2.97	69	112	98.7	116
21	3.16	3.03	120	3.42	3.28	125	96	95.98	100
22	2.68	2.81	88	3	3.05	93	87.87	92.38	95
23	3.25	2.64	116	3	3.73	110	97	92.13	105
24	2.77	2.64	110	3	2.73	112	90.82	98.7	98
25	2.32	2.63	88	3	3.01	94	90	98.7	94
26	4	3.18	126	4	3.63	111	99.59	94.02	114
27	3.44	2.99	115	4	3.36	117	87.2	88.99	98
28	3.02	3.08	98	3	3.36	86	95	88.99	113
29	3.26	2.64	123	3	2.73	124	96.18	98.7	99
30	3.05	2.83	107	3.3	3.01	109	92.4	94.02	98

Master Chart - 4 Showing Pulmonary Function Test Data Of Control Subjects (n = 30)
(Contd)

Sr. No.	FIV1		FIVC		FIV1/FIVC		MVV		
	Obs (l)	Obs (l)	Obs (l)	Obs (l)	OBS(%)	PRED(%)	OBS(lts)	PRED(L)	%PRED
1	1.29	1.54	1.54	1.54	80	100	162	112.8	144
2	2.63	2.86	2.86	2.86	90.09	100	101.5	130.4	106
3	1.43	1.71	1.71	1.71	90.05	100	179.15	119.33	150
4	2.21	2.41	2.41	2.41	88	100	104	112.8	105
5	2.41	2.88	2.88	2.88	92	100	154.57	125.8	120
6	1.77	1.93	1.93	1.93	92.8	100	187	119.33	157
7	2.35	2.8	2.8	2.8	86	100	147	112.8	101
8	1.99	2.17	2.17	2.17	84.1	100	104	112.8	106
9	2.43	2.9	2.9	2.9	88.2	100	103	119.33	104
10	2.11	2.3	2.3	2.3	91.89	100	165	125.86	101
11	2.63	3.14	3.14	3.14	92	100	117	125.86	101
12	1.95	2.12	2.12	2.12	87.9	100	180	171.4	105
13	1.52	1.82	1.82	1.82	89.8	100	180	112.8	160
14	1.97	2.15	2.15	2.15	94	100	120	113.2	106
15	2.15	2.56	2.56	2.56	92.1	100	160	112.8	155
16	1.6	1.74	1.74	1.74	84	100	137.57	101.84	135
17	2.05	2.45	2.45	2.45	87.8	100	153.95	108.37	142
18	2.76	3	3	3	87.8	100	157.87	108.37	146
19	2.03	2.42	2.42	2.42	89.9	100	154.04	108.84	151
20	2.56	2.79	2.79	2.79	82.1	100	147.01	109.41	134
21	1.71	2.04	2.04	2.04	79.9	100	154.04	114.89	151
22	2.34	2.55	2.55	2.55	82.1	100	157.639	107.32	137
23	1.77	2.11	2.11	2.11	77.2	100	183.91	101.84	171
24	2.88	3.14	3.14	3.14	82	100	189.8	101.84	186
25	1.78	2.12	2.12	2.12	90	100	83.09	109.37	82
26	1.67	1.82	1.82	1.82	92.1	100	187	119.33	157
27	1.8	2.15	2.15	2.15	94.2	100	147	112.8	101
28	2.35	2.56	2.56	2.56	91.8	100	160	112.8	155
29	2.34	2.79	2.79	2.79	83.8	100	137.57	101.84	135
30	2.34	2.55	2.55	2.55	88	100	153.95	108.37	142

Master Chart - 4 Showing Pulmonary Function Test Data Of Control Subjects (n = 30)

(Contd)

Sr. No.	PEFR			PIFR	FEF25-75%			FEF50%		FEF75%	
	Obs(l/s)	Pred(l/s)	%Pred		Obs(L/s)	PRED(l/s)	%Pred	Obs(l/s)	Pred(l/s)	Obs(l/s)	Pred(l/s)
1	5.46	7.66	71	3.2	3.42	3.73	92	3.51	4.3	1.8	1.95
2	8.3	8.97	93	4.1	5.54	4.07	138	6.21	4.88	3.11	2.14
3	3.77	8.09	47	2.02	3.19	3.82	84	3.68	4.4	2.92	1.99
4	4.2	7.66	84	2.8	4.38	3.73	117	4.95	4.3	2.85	1.98
5	9.38	8.51	110	5.8	4.71	3.91	120	5.45	4.49	2.53	2.04
6	8.86	8.09	110	4.1	6.89	3.82	180	7.22	4.4	4.97	1.99
7	7.48	7.66	97	5.41	3.94	3.73	108	4.84	4.3	2.42	1.98
8	6.1	7.66	112	4.5	5.81	3.73	156	6.03	4.3	3.74	1.95
9	5.8	8.09	80	4.5	4.56	3.82	119	5.09	4.4	2.54	1.99
10	6.28	8.51	74	2.8	4.11	3.91	15	4.67	4.49	2.55	2.04
11	7.6	8.51	66	3.9	4.59	3.91	117	4.85	4.49	3.18	2.04
12	6.2	8.05	77	3.3	4.2	3.73	113	4.59	4.3	2.48	1.95
13	5.9	7.66	77	3.8	4.2	3.73	113	1.71	4.3	1.63	1.96
14	6.8	8.83	77	4.2	4.2	3.73	113	4.89	4.25	2.68	1.98
15	6.1	7.66	85	4.1	1.77	3.73	47	7.27	4.35	3.78	2
16	5.53	6.88	80	3.8	4.24	3.72	114	4.63	4.35	3.12	2.03
17	8.9	7.31	122	5.1	6.58	3.81	173	6.2	4.25	5.25	1.98
18	6.21	7.31	85	4.9	4.45	3.81	117	6.07	4.42	4.97	2.09
19	8.14	6.88	118	4.82	6.2	3.72	187	4.89	4.44	1.75	2.07
20	3.74	7.35	13	2.2	6.21	3.89	180	7.54	4.27	5.01	1.97
21	8.14	7.73	118	4.82	3.75	3.9	98	6.21	4.25	3.5	1.98
22	6.54	7.27	93	4.2	7	3.73	188	2.97	2.25	1.91	1.98
23	7.19	6.88	112	2.29	5.58	3.72	150	3.37	4.35	2.77	2.03
24	7.1	6.88	121	3.8	2.57	3.72	89	4.85	4.49	3.18	2.04
25	8.12	7.31	54	4.01	3.28	3.81	88	4.59	4.3	2.48	1.95
26	8.86	8.09	110	4.1	6.89	3.82	180	1.71	4.3	1.63	1.96
27	7.48	7.66	97	5.41	3.94	3.73	108	4.89	4.25	2.68	1.98
28	6.1	7.66	85	4.1	5.81	3.73	156	7.27	4.35	3.78	2
29	5.53	6.88	80	3.8	4.24	3.72	114	4.63	4.35	3.12	2.03
30	8.9	7.31	122	5.1	6.58	3.81	173	6.2	4.25	5.25	1.98