

Table 1: Data for male patients

Male No	Age	Wet bone mass (g)	Compressed Volume (cc)	Volume Used (cc)	Defect Length (cm)	g/cm	cc/cm	cc/g
1	45	65	33	33	7.5	8.67	4.4	0.51
2	35	91	44	39	8	11.38	4.88	0.48
3	44	58	23	23	6.5	8.93	3.54	0.40
4	20	65	48	48	14	4.65	3.43	0.74
5	20	92	47	47	16	5.75	2.94	0.51
6	39	98	52	43	13	7.54	3.31	0.53
7	15	61	29	29	7.5	8.14	3.87	0.48
8	20	65	36	36	9	7.23	4.0	0.55
9	20	80	50	50	11	7.28	4.55	0.63
10	26	57	30	25.5	7.5	7.6	4	0.53
11	20	47	26	26	11.5	4.09	2.27	0.55
TOTAL	304	779	418	399.5	110.5	82.48	41.12	5.91
MEAN	27.64	70.82	38	36.32	10.14	7.4	3.74	0.54
SD	10.98	16.73	10.49	9.77	3.16	2.04	0.75	0.09
RANGE	15-45	47-98	23-52	23-50	6.5-16	4.09-11.38	2.27-4.88	0.40-0.74

Table 2: Data for female patients

Female No.	Age	Wet Bone Mass (g)	Compressed Volume (cc)	Volume Used (cc)	Defect Length (cm)	g/cm	cc/cm	cc/g
1	24	78	42	42	10.5	7.43	4	0.54
2	24	73	32	32	12.5	5.84	2.56	0.44
3	27	72	30	30	10.5	6.86	2.86	0.42
4	22	73	31	31	10.0	7.3	3.1	0.42
5	15	45	28	28	6.0	7.5	4.67	0.62
6	18	49	23	23	10.5	4.67	2.2	0.47
7	24	75	28	28	7	10.72	4	0.37
8	62	58	24	24	6.0	9.67	4	0.41
9	28	70	34	34	11.5	6.09	2.96	0.49
10	37	100	42	37	9.5	10.53	3.9	0.42
11	12	42	21	21	9.0	4.67	2.34	0.50
12	17	53	27	27	6.0	8.84	4.5	0.51
13	36	53	29	29	8.5	6.24	3.42	0.55
14	17	32	20	20	6.0	5.34	3.34	0.63
15	25	57	32	32	10.5	5.43	3.05	0.56
16	31	80	34	34	10	8.0	3.4	0.43
17	36	49	21	21	6.5	7.54	3.24	0.43
18	25	60	25	25	6.0	10.0	4.17	0.42
19	29	70	40	40	9.0	7.78	4.45	0.57
20	24	55	26	26	7.5	7.34	3.47	0.47
Total	533	1244	589	584	173	147.79	69.63	9.67
Mean	26.65	62.2	29.45	29.2	8.65	7.39	3.49	0.48
SD	10.82	15.97	6.61	6.19	2.12	1.84	0.72	0.07
Range	12-16	32-100	21-42	20-42	6-12.5	4.67-10.72	2.2-4.67	0.37-0.63

Table 3: Combined data for male and female patients

Variables	Combined	Males	Females	p-value
Wet bone mass, g, mean $\pm$ SD, range	65.26 $\pm$ 16.50 32 - 100	70.82 $\pm$ 16.73 47 - 98	62.2 $\pm$ 15.97 32 - 100	0.17
Compressed volume, cc, mean $\pm$ SD, range	32.48 $\pm$ 9.03 21 - 52	38 $\pm$ 10.49 23 - 52	29.45 $\pm$ 6.61 21 - 42	0.01*
Compressed volume used, cc, mean $\pm$ SD, range	31.73 $\pm$ 8.25 20 - 50	36.32 $\pm$ 9.77 23 - 50	29.2 $\pm$ 6.19 20 - 42	0.02*
Defect length, cm, mean $\pm$ SD, range	9.15 $\pm$ 2.61 6 - 16	10.14 $\pm$ 3.16 6.5 - 16	8.65 $\pm$ 2.12 6 – 12.5	0.16
Mass/length, g/cm, mean $\pm$ SD, range	7.43 $\pm$ 1.89 4.09 – 11.38	7.4 $\pm$ 2.04 4.09 – 11.38	7.39 $\pm$ 1.84 4.67 – 10.72	0.89
Compressed volume/length, cc/cm, mean $\pm$ SD, range	3.57 $\pm$ 0.73 2.2 – 4.88	3.74 $\pm$ 0.75 2.27 – 4.88	3.49 $\pm$ 0.72 2.2 – 4.67	0.36
Compressed volume/mass, cc/g, mean $\pm$ SD, range	0.50 $\pm$ 0.08 0.37 – 0.74	0.54 $\pm$ 0.09 0.40 – 0.74	0.48 $\pm$ 0.07 0.37 – 0.63	0.08

*Note: P-values in the above table refer to independent t-test unless otherwise indicated. *p-value refers to statistical significance of <0.05 .*