

On-line Table 1: Demographic characteristics of patients with lytic bone lesions^a

	Total	Manual	Battery-Powered	P Value
No.	422	241	181	
Age (mean) (yr)	62 ± 13	62 ± 14	61 ± 11	.263
Sex (M/F)	221:201	133:108	88:93	.201
Suspected origin of primary disease				.063
Bone ^b	56.2 (237)	49 (118)	65.7 (119)	
Prostate	2.1 (9)	3.7 (9)	0 (0)	
Breast	8.1 (34)	9.5 (23)	6.1 (11)	
Lung	2.8 (12)	4.6 (11)	0.6 (1)	
Kidney	0.9 (4)	1.2 (3)	0.6 (1)	
Systemic ^c	0.5 (2)	0.4 (1)	0.6 (1)	
Liver	0.2 (1)	0.4 (1)	0 (0)	
Bladder	0.5 (2)	0.4 (1)	0.6 (1)	
Miscellaneous ^d	6.4 (27)	7.5 (18)	5.0 (9)	
Unestablished/unknown ^e	19.9 (84)	21.2 (51)	18.2 (33)	
Blood	2.4 (10)	2.1 (5)	2.8 (5)	
Location of bone lesion				.316
Vertebral column	45.7 (193)	43.6 (105)	48.6 (88)	
Pelvis	46 (194)	46.1 (111)	45.9 (83)	
Extremity	7.6 (32)	9.5 (23)	5.0 (9)	
Miscellaneous ^f	0.7 (3)	0.8 (2)	0.6 (1)	
Disc	0 (0)	0 (0)	0 (0)	

^a Values for frequency of suspected origin of primary disease and lesion location represent percentages followed by total number of cases in parentheses.

^b Primary bone lesions include suspected multiple myeloma from laboratory testing.

^c Predominantly sarcoidosis.

^d Includes thyroid, salivary gland, vulvar, tongue, melanoma, and anal cancers.

^e Includes all cases without known malignancy or suspected primary bone lesion.

^f Includes sternum, ribs, clavicle, scapula, calvaria, and tarsal bones.

On-line Table 2: Demographic characteristics of patients with sclerotic bone lesions^a

	Total	Manual	Battery-Powered	P Value
No.	110	55	55	
Age (mean)	61 ± 15	60 ± 14	62 ± 15	.283
Sex (M/F)	57:53	31:24	26:29	.445
Suspected origin of primary disease				.691
Bone ^b	6.4 (7)	7.3 (4)	5.5 (3)	
Prostate	11.8 (13)	9.1 (5)	14.5 (8)	
Breast	24.5 (27)	23.6 (13)	25.5 (14)	
Lung	4.5 (5)	7.3 (4)	1.8 (1)	
Kidney	0 (0)	0 (0)	0 (0)	
Systemic ^c	1.8 (2)	3.6 (2)	0 (0)	
Liver	0.9 (1)	1.8 (1)	0 (0)	
Bladder	7.3 (8)	7.3 (4)	7.3 (4)	
Miscellaneous ^d	20.9 (23)	20 (11)	21.8 (12)	
Unestablished/unknown ^e	19.1 (21)	16.4 (9)	21.8 (12)	
Blood	2.7 (3)	3.6 (11)	1.8 (1)	
Location of bone lesion				.355
Vertebral column	68.2 (75)	61.8 (34)	74.5 (41)	
Pelvis	20 (22)	23.6 (13)	16.4 (9)	
Extremity	11.8 (13)	14.5 (8)	9.1 (5)	
Miscellaneous ^f	0 (0)	0 (0)	0 (0)	
Disc	0 (0)	0 (0)	0 (0)	
Density (mean) (HU)	663	641	682	.505

^a Values for frequency of suspected origin of primary disease and lesion location represent percentages followed by total number of cases in parentheses.

^b Primary bone lesions include suspected multiple myeloma from laboratory testing.

^c Predominantly sarcoidosis.

^d Includes thyroid, salivary gland, vulvar, tongue, melanoma, and anal cancers.

^e Includes all cases without known malignancy or suspected primary bone lesion.

^f Includes sternum, ribs, clavicle, scapula, calvaria, and tarsal bones.