

TABLE E-1. Radiolucencies: A comparison of the radiographic results of the obese, nonobese, morbidly obese, and nonmorbidly obese groups.
(A-P = Anteroposterior)

Group	Component	View	1 mm lucency (number of knees)	2 mm lucency (number of knees)	3 mm lucency (number of knees)	4 mm lucency (number of knees)	Total ≥ 1 mm lucency (number of knees)	Progressive lucency (number of knees)
Obese Group	Tibial	A-P	9	3	1	0	13	0
	Tibial	Lateral	2	0	1	0	3	0
	Femoral	Lateral	3	2	0	2	7	0
	Patellar	A-P	0	0	0	0	0	0
Nonobese Group	Tibial	A-P	6	0	0	0	6	0
	Tibial	Lateral	0	0	0	0	0	0
	Femoral	Lateral	7	3	0	0	10	0
	Patellar	A-P	0	0	0	0	0	0
Morbidly Obese Group	Tibial	A-P	2	0	0	0	2	0
	Tibial	Lateral	0	0	0	0	0	0
	Femoral	Lateral	0	0	0	1	1	0
	Patellar	A-P	0	0	0	0	0	0
Nonmorbidly Obese Group	Tibial	A-P	7	3	1	0	11	0
	Tibial	Lateral	2	0	1	0	3	0
	Femoral	Lateral	3	2	0	1	6	0
	Patellar	A-P	0	0	0	0	0	0

TABLE E-2 Alignment: A comparison of the radiographic results of the obese, nonobese, morbidly obese, and nonmorbidly obese groups.* (A-P = Anteroposterior)

	A-P View	A-P View	Lateral View	Lateral View
Group	Mean Femoral Flexion Angle (α) (range)	Mean Tibial Angle (β) (range)	Mean Femoral Flexion Angle (γ) (range)	Mean Tibial Angle (σ) (range)
Obese	99 (84 to 110)	87 (80 to 93)	2 (0 to 12)	86 (72 to 92)
Nonobese	100 (94 to 108)	87 (72 to 92)	3 (0 to 15)	86 (73 to 92)
Morbidly obese	99 (92 to 103)	87 (80 to 93)	3 (0 to 12)	86 (72 to 92)
Nonmorbidly obese	99 (84 to 110)	87 (80 to 92)	2 (0 to 8)	86 (72 to 92)

*Note that the morbidly and nonmorbidly obese groups are subsets of the obese group (morbidly obese + nonmorbidly obese = obese group).