

Table E-I: Characteristics of patient study group

Patient	gender	age (years)	smoker	alcohol use	prednisone use	comorbidities	mechanism of injury	other injuries
1	f	51	0	0	0	hypertension	fall	0
2	m	58	yes	yes	0	hypertension	hit by car	radial styloid fracture
3	f	54	0	0	0	0	fall	0
4	m	58	yes	yes	0	psoriasis	fall	0
5	m	48	0	0	0	angina	fall	0
6	f	47	0	0	0	0	fall	0
7	f	44	0	0	yes	cirrhosis, anemia, liver transplant	fall	right ulna fracture
8	f	41	0	0	0	rheumatoid, schizophrenia, peptic ulcer disease	fall	0
9	f	58	0	0	0	0	fall	0
10	m	41	0	0	yes	seizures, renal failure	fall	0
11	f	50	yes	yes	0	depression	fall	0
12	f	26	0	0	0	0	water skiing	0
13	f	60	0	0	0	osteoporosis, previous breast cancer	fall	0
14	m	60	0	0	0	hypertension	fall	0
15	f	58	yes	0	0	asthma	fall	0
16	m	47	0	0	0	0	fall	0
17	f	20	0	0	0	0	car accident	tibial spine fracture
18	f	55	0	0	0	0	fall	0
19	m	57	yes	yes	0	0	fight	0
20	m	30	yes	0	0	0	fall	0
21	m	45	yes	0	0	0	fall	0
22	f	58	0	yes	0	0	fall	0
23	m	48	0	0	0	coronary artery disease	fall	elbow fracture
24	m	54	0	0	0	Crohn's disease	fall	0
25	m	59	yes	yes	0	0	hit by car	0
26	m	17	0	yes	0	0	MVA passenger	0
27	f	44	yes	yes	0	0	fall	0
28	m	49	0	yes	0	0	fall	0
29	m	48	yes	0	0	asthma	fall	0
30	f	57	0	0	0	hypertension, thyroid nodule	fall	0
31	m	37	yes	yes	0	ulcerative colitis	motorcycle MVA	0
32	m	39	0	0	0	0	hit by car	tibial fracture
33	m	45	yes	0	yes	Crohn's disease	fall	0
34	f	45	0	0	0	0	MVA	foot fracture, bilat femur, forearm, tibia, MCL knee
35	m	31	0	0	0	0	MVA	right femoral shaft, pelvic, ankle, humerus fractures
36	m	53	0	0	0	peptic ulcer disease	MVA	open left tibia fracture, facial and elbow lacerations
37	f	20	0	0	0	0	MVA driver	left tibial fracture/fibula/pelvis/pneumothorax
38	m	53	0	0	0	hypothyroid	fall	open fracture forearm, scaphoid

f=female; m=male; MVA: motor vehicle accident

Table E-I (cont.): Characteristics of patient study group

Patient	disposition of other injuries	type of fracture (displaced, undisplaced)	use of preoperative traction	time to reduction (hours)	method of fixation	aspiration of intracapsular hematoma	postoperative weightbearing status	perioperative complications	avascular necrosis	clinical follow-up (years)	radiologic follow-up (years)
1	0	displaced	0	41.0	cannulated screws	0	WBAT	0	yes	4.7	4.8
2	splint	displaced	0	14.0	dynamic hip screw	0	TTWB	0	0	4.1	4.3
3	0	undisplaced	yes	38.0	dynamic hip screw	0	PWB	0	yes	6.1	1.1
4	0	displaced	0	120.0	cannulated screws	0	TTWB	0	yes	5.0	3.4
5	0	undisplaced	yes	31.0	dynamic hip screw	0	PWB	0	0	2.6	0.3
6	0	undisplaced	0	96.0	dynamic hip screw	0	WBAT	0	0	4.4	2.9
7	ORIF	displaced	0	26.0	dynamic hip screw	0	PWB	0	0	1.8	0.8
8	0	displaced	0	27.0	cannulated screws	0	NWB	0	yes	3.4	1.2
9	0	undisplaced	yes	46.0	dynamic hip screw	0	TTWB	0	0	4.9	5.4
10	0	displaced	yes	72.0	dynamic hip screw	0	TTWB	0	0	7.9	8.2
11	0	undisplaced	0	48.0	cannulated screws	0	TTWB	0	0	3.6	2.3
12	0	displaced	0	23.5	dynamic hip screw	0	PWB	0	0	3.7	4.3
13	0	displaced	0	21.0	dynamic hip screw	0	NWB	0	0	4.0	0.7
14	0	displaced	0	74.0	dynamic hip screw	0	PWB	0	0	3.4	3.6
15	0	displaced	0	17.5	dynamic hip screw	0	TTWB	0	yes	6.2	5.6
16		displaced	0	44.0	cannulated screws	0	TTWB	0	0	2.6	1.7
17	ORIF	displaced	0	72.0	cannulated screws	0	NWB	0	yes	8.3	7.3
18	0	displaced	0	25.0	cannulated screws	0	NWB	0	0	5.8	3.9
19	0	displaced	0	18.0	cannulated screws	0	TTWB	0	0	10.0	4.1
20	0	displaced	yes	21.0	cannulated screws	0	NWB	0	0	3.5	2.4
21	0	Garden I	0	23.0	cannulated screws	0	TTWB	0	0	9.1	2.2
22	0	displaced	0	216.0	cannulated screws	0	WBAT	0	0	9.1	2.3
23	ORIF	undisplaced	yes	72.0	cannulated screws	0	TTWB	0	0	3.0	1.1
24	0	displaced	0	9.0	dynamic hip screw	0	NWB	0	0	2.1	2.5
25	0	displaced	yes	11.0	dynamic hip screw	0	TTWB	0	0	5.9	2.0
26	0	displaced	0	9.5	cannulated screws	0	NWB	0	0	5.4	3.0
27	0	displaced	yes	7.3	dynamic hip screw	0	NWB	0	0	2.1	2.3
28	0	displaced	0	9.5	dynamic hip screw	0	TTWB	0	0	4.3	0.2
29	0	displaced	0	4.5	cannulated screws	0	TTWB	0	0	4.2	1.6
30	0	displaced	0	8.5	dynamic hip screw	0	TTWB	0	0	5.2	1.3
31	0	displaced	0	7.5	dynamic hip screw	0	NWB	0	0	3.0	1.1
32	ORIF	displaced	0	6.5	cannulated screws	0	NWB	0	0	3.8	0.5
33	0	displaced	0	5.5	cannulated screws	yes	TTWB	0	0	4.1	2.1
34	ORIF	undisplaced	0	7.0	cannulated screws	0	NWB	0	0	4.2	4.4
35	ORIF	undisplaced	0	7.0	cannulated screws	0	NWB	0	0	4.3	4.5
36	ORIF	displaced	0	11.0	cannulated screws	0	NWB	0	0	1.6	0.3
37	0	displaced	0	9.0	cannulated screws	0	NWB	0	0	3.3	0.0
38	ORIF	displaced	0	5.5	cannulated screws	0	TTWB	0	0	0.9	1.1

ORIF: open reduction internal fixation; TTWB: toe-touch weight-bearing; WBAT: weight-bearing as tolerated; NWB: non-weight-bearing; PWB: partial weight-bearing