

TABLE E-1 Demographic Data on Patients Who Underwent External Fixation and Elastic Stable Intramedullary Fixation (ESIM)*

Age	Gender	Mechanism	Soft Tissue†	Additional Injuries	Duration of Follow-up (mo)	Healing Complications	Additional Procedures	Postoperative WB	Immobilization
External Fixation									
10	M	Pedestrian-motor vehicle accident	GII	-	24	-	Débridement, Primary closure	WBAT	No
13	M	Pedestrian-motor vehicle accident	GII	-	31	Delayed union	Débridement, Primary closure	WBAT	No
13	M	Pedestrian-motor vehicle accident	GII	-	31	Delayed union, infection, foot drop	Débridement, Primary closure	WBAT	No
10	F	Pedestrian-motor vehicle accident	GII	-	29	-	Débridement, delayed Primary closure	WBAT	No
10	F	MVC	GII	-	80	Nonunion	-	WBAT	No
7	M	Roof collapse	-	Facial fractures	36	-	Débridement, delayed Primary closure	WBAT	Cast
15	F	MVC	GI	-	51	Nonunion	Débridement, Primary closure, spatial frame	WBAT	No
11	F	MVC	-	-	80	-	-	WBAT	No
4	M	Pedestrian-motor vehicle accident	-	-	49	-	-	TTWB	No
13	M	MVC	-	-	33	Nonunion, malunion	Spatial frame	WBAT	No
13	M	MVC	-	-	33	-	-	WBAT	No
4	M	Pedestrian-motor vehicle accident	GII	-	52	-	Débridement, primary closure	WBAT	Cast
8	M	Pedestrian-motor vehicle accident	GIIa	-	30	-	Débridement, delayed primary closure	NWB	Cast
10	F	Pedestrian-motor vehicle accident	-	CHI, compartment syndrome	43	-	Fasciotomy	WBAT	Cast
14	M	Skiing	-	-	24	Malunion	Spatial frame	WBAT	No
ESIM									
11	M	Pedestrian-motor vehicle accident	-	-	27	-	-	TTWB	Camwalker
13	M	Pedestrian-motor vehicle accident	-	-	24	-	-	FWB	Camwalker
7	M	Object to leg	GIIa	Ipsilateral femur fracture	25	-	Débridement, primary closure	NWB	Splint
10	M	MVC	-	CHI, contralateral olecranon fracture	53	-	-	NWB	Splint
10	M	Pedestrian-motor vehicle accident	GIIa	-	61	-	Débridement, primary closure	WBAT	No
11	M	Pedestrian-motor vehicle accident	-	-	26	-	-	WBAT	Camwalker
11	F	Pedestrian-motor vehicle accident	-	-	34	Developed HO in popliteal fossa	Excision hypertrophic bone at fracture site , MUA	WBAT	Splint
12	M	MVC	GI	Compartment syndrome	70	-	MUA, EHL to EDC, Fractional lengthening anterior tibialis, Anterior compartment fasciotomy	NWB	No
10	M	Pedestrian-motor vehicle accident	-	-	27	-	-	TTWB	Camwalker
11	F	Pedestrian-motor vehicle accident	-	-	28	-	-	TTWB	No
12	F	Athletics	-	-	28	-	-	TTWB	Splint
14	M	Pedestrian-motor vehicle accident	-	-	40	-	-	TTWB	Camwalker
13	M	Pedestrian-motor vehicle accident	-	-	25	-	-	NWB	Camwalker
8	F	Pedestrian-motor vehicle accident	-	Ipsilateral femur fracture	39	-	-	TTWB	Camwalker
14	F	Pedestrian-motor vehicle accident	GI	-	27	-	-	WBAT	Camwalker
7	M	Pedestrian-motor vehicle accident	GIIa	-	27	-	Débridement, delayed primary closure	NWB	Splint

