TABLE	TABLE E-1 Demographic Data on Patients Who Underwent External Fixation and Elastic Stable Intramedullary Fixation (ESIM)*										
			Soft		Duration of	Healing					
Age	Gender	Mechanism	Tissue†	Additional Injuries	Follow-up (mo)	Complications	Additional Procedures	Postoperative WB	Immobilization		
External						T	<u></u>	oridement, Primary closure WBAT No oridement, Primary closure WBAT No oridement, Primary closure WBAT No oridement, delayed Primary WBAT No oridement, delayed Primary WBAT No oridement, delayed Primary WBAT Cast oridement, Primary closure, spatial No oridement, Primary closure, spatial No oridement, Primary closure, spatial No oridement, primary closure WBAT No oridement, primary closure WBAT No oridement, delayed primary NWB Cast oridement, delayed primary NWB Cast oridement, delayed primary NWB Cast oridement, delayed primary NWB Splint oridement, primary closure WBAT No TTWB Camw oridement, primary closure NWB Splint oridement, primary closure WBAT No oridement, primary closure WBAT Splint oridement Splint Splint ori			
10	M	Pedestrian-motor vehicle accident	GII	-	24	-	Débridement, Primary closure		No		
13	M	Pedestrian-motor vehicle accident	GII	-	31	Delayed union	Débridement, Primary closure		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	GIIIa	-	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	GIIIa	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	GIIIa	-	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	GIIIa	-	27	-	Débridement, delayed primary closure	NWB	Splint		
	*MVC = motor vehicle collision, WBAT = weight-bearing as tolerated, TTWB = toe-touch weight-bearing, NWB = non-weight-bearing, MUA = manipulation under anesthesia, EHL = extensor hallucis longus, EDC = extensor digitorum communis, HO = heterotopic ossification. †Gustilo and Anderson open fracture classification.										