

SDC Table 1. Bioburden Study Data Collection Schedule

	Baseline	Interim	12 Months
Patient Characteristics			
Patient demographics (gender, age, race, ethnicity)	X		
Smoking history	X		
Pre-injury health status	X		
Injury Characteristics			
Date/time of injury	X		
Mechanism and type of injury	X		
Gustilo type	X		
Wound length	X		
AO/OTA fracture classification	X		
OTA open fracture classification	X		
Additional injuries (using Abbreviated Injury Scale)	X		
Medical History			
Body mass index	X		
Insurance status/type	X		
Medications	X		
Co-morbidities	X		
Index Hospitalization			
Admit/discharge dates	X		
Intensive care unit length of stay	X		
Definitive fixation	X		
Definitive wound closure	X		
Complications	X		
Antibiotic Treatment	X	X*	
Medical Record Review			X
Re-hospitalization		X*	
12 month Follow up Phone Interview			
Number of re-admissions			X
Facility location and type			X
Reason for admission			X
Procedures performed			X
Presence of infection			X
Laboratory Evaluations			
PCR workup	X	X*	
Clinical microbiology analysis including aerobic, anaerobic, and fungal cultures	X**	X*	

*Complete as needed

**Only if obtained as part of Standard of Care

Abbreviations: AO = Arbeitsgemeinschaft für Osteosynthesefragen; OTA = Orthopaedic Trauma Association; PCR = polymerase chain reaction