

TABLE E1 Wound Score and Culture Results

Group	Wound score	Intramedullary culture at 21 days
Negative Control	6	Streptomycin resistant Staphylococcus aureus
Negative Control	3	Streptomycin resistant Staphylococcus aureus
Negative Control	0	No growth
Negative Control	3	Streptomycin resistant Staphylococcus aureus
Negative Control	3	Streptomycin resistant Staphylococcus aureus
Negative Control	3	Streptomycin resistant Staphylococcus aureus
Negative Control	0	Streptomycin resistant Staphylococcus aureus
Positive Control	0	No growth
Positive Control	0	No growth
Positive Control	0	No growth
Positive Control	0	No growth
Positive Control	0	No growth
Positive Control	0	No growth
Demineralized bone matrix	6	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	3	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	6	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	6	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	6	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	0	Streptomycin resistant Staphylococcus aureus
Demineralized bone matrix	6	Streptococcus viridans*
Demineralized bone matrix	6	Streptomycin resistant Staphylococcus aureus
Experimental	0	No growth
Experimental	0	No growth
Experimental	3	No growth
Experimental	3	No growth
Experimental	3	No growth
Experimental	0	No growth
Experimental	3	No growth
Experimental	3	No growth

* Wound swabs of purulent discharge on postoperative day 7 were positive for streptomycin resistant Staphylococcus aureus.