

Table 1. Comparison of the number (mean±standard error) of PMN leukocytes in the four studied groups

Time	Control group	Amniotic layer	Silver sulfadiazine	Silver sulfadiazine+ Amniotic layer
First week	130±2.4	108±2.3*	107±3.1*	102±2.1*
Second week	79±2.7	47±1.5*	32±2.3*	38±1.4*
Third week	28±2.2	18±1.7*	12±0.9*	12±1.7*
Fourth week	0	0	0	0

*p<0.001 compared with the control group

Table 2. Comparison of the number (mean±standard error) of fibroblasts in different groups

Time	Control group	Amniotic layer	Silver sulfadiazine	Silver sulfadiazine+ Amniotic layer
First week	8±0.8	12±0.9*	11±0.2*	11±1*
Second week	27±0.7	38±1.1*	32±2.6*	32±1.1*
Third week	37±1.2	43±0.9*	38±1.9*	42±1.2*
Fourth week	39±1.1	41±1.2*	38±1.3*	39±0.8*

*p<0.001 compared with the control group

Table 3. Comparison of the number of (mean±standard error) new vessels in the studied groups

Time	Control group	Amniotic layer	Silver sulfadiazine	Silver sulfadiazine+ Amniotic layer
First week	6±0.2*	12±0.8*	9±0.2*	9±1.1*
Second week	12±1.4	25±1.6*	21±0.3*	24±1.8*
Third week	7±0.8	11±1.2*	7±0.3	7±0.9
Fourth week	4±0.7	4±0.8	3±0.1	3±0.6

*p<0.001 compared with the control group

Table 4. Comparison of percentage of wound healing in the treated groups

Time	Control group	Amniotic layer	Silver sulfadiazine	Silver sulfadiazine+ Amniotic layer
First week	5	11*	9*	14*
Second week	12	23*	21*	24*
Third week	29	65*	62*	72*
Fourth week	71	100*	98*	100*

*p<0.001 compared with the control group