

**Appendix 1.** Histomorphometric Characteristics of the Bone Defect Regeneration

<b>№</b>	<b>Indicator name</b>	<b>MBG group</b>	<b>MBG+PRP group</b>	<b>p1**</b>	<b>p2**</b>	<b>p3**</b>
<b>14 days</b>						
<b>1</b>	Osteoblasts <sup>#</sup>	298.5 ± 8.5	429 ± 13.2			0.001
<b>2</b>	Osteoclasts <sup>#</sup>	10.0 ± 7.4	6.3 ± 1.1			0.189
<b>3</b>	Osteocytes <sup>#</sup>	213.8 ± 5.7	340.7 ± 7.2			0.001
<b>4</b>	Neovascularization <sup>\$</sup>	18.3 ± 1.7	37.4 ± 2.3			0.001
<b>3</b>	Bone (%)	43.5 ± 1.5	59.1 ± 1.6			0.001
<b>30 days</b>						<0.05
<b>1</b>	Osteoblasts <sup>#</sup>	354.3 ± 20.5	420.5 ± 7.4	0.014	0.622	0.008
<b>2</b>	Osteoclasts <sup>#</sup>	16.7 ± 2.3	7.8 ± 0.4	0.078	0.878	0.011
<b>3</b>	Osteocytes <sup>#</sup>	402.9 ± 6.6	444.7 ± 7.2	0.001	0.001	0.001
<b>4</b>	Neovascularization <sup>\$</sup>	21.7 ± 0.8	32.9 ± 2.3			0.013
<b>3</b>	Bone (%)	79.2 ± 1.1	85.9 ± 0.7	0.001	0.001	0.001
<b>data are presented as mean ± standard error of mean</b>						
<b>* p1 – MBG within-group comparisons</b>						
<b>** p2 – MBG+PRP within-group comparisons</b>						
<b>*** p3 – comparison between MBG and MBG+PRP groups</b>						
<b># – per 1000 cells in the area of the defect zone</b>						
<b>\$ – per 10 field of views in the area of the defect zone</b>						