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| **Scores of tissue reactions for MTA group on day-7** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 7- MTA1** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA2** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA3** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA4** | **1** | **0** | **1** | **1** | **1** |
| **Day 7- MTA5** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA6** | **1** | **0** | **0** | **1** | **1** |
| **Day 7- MTA7** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA8** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA9** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA10** | **1** | **0** | **1** | **1** | **1** |

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| **Scores of tissue reactions for MTA-ABS group on day-7** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 7- MTA-ABS1** | **1** | **0** | **1** | **2** | **2** |
| **Day 7- MTA-ABS2** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA-ABS3** | **1** | **1** | **0** | **2** | **1** |
| **Day 7- MTA-ABS4** | **1** | **1** | **0** | **1** | **1** |
| **Day 7- MTA-ABS5** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA-ABS6** | **1** | **0** | **1** | **1** | **2** |
| **Day 7- MTA-ABS7** | **1** | **0** | **1** | **2** | **2** |
| **Day 7- MTA-ABS8** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- MTA-ABS9** | **1** | **1** | **0** | **2** | **1** |
| **Day 7- MTA-ABS10** | **1** | **1** | **0** | **1** | **1** |

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| **Scores of tissue reactions for CONTROL group on day-7** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 7- EMPTY TUBE1** | **0** | **0** | **0** | **1** | **1** |
| **Day 7- EMPTY TUBE2** | **1** | **0** | **0** | **2** | **1** |
| **Day 7- EMPTY TUBE3** | **1** | **0** | **0** | **1** | **1** |
| **Day 7- EMPTY TUBE4** | **1** | **0** | **0** | **1** | **2** |
| **Day 7- EMPTY TUBE5** | **1** | **0** | **0** | **1** | **1** |
| **Day 7- EMPTY TUBE6** | **1** | **0** | **0** | **1** | **1** |
| **Day 7- EMPTY TUBE7** | **0** | **0** | **0** | **1** | **1** |
| **Day 7- EMPTY TUBE8** | **1** | **0** | **0** | **2** | **1** |

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| **Scores of tissue reactions for MTA group on day-30** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 30- MTA1** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA2** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA3** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA4** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- MTA5** | **0** | **0** | **1** | **0** | **3** |
| **Day 30- MTA6** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA7** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA8** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA9** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA10** | **0** | **0** | **0** | **0** | **3** |

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| --- | --- | --- | --- | --- | --- |
| **Scores of tissue reactions for MTA-ABS group on day-30** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 30- MTA-ABS1** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA-ABS2** | **0** | **0** | **0** | **0** | **2** |
| **Day 30- MTA-ABS3** | **0** | **0** | **0** | **0** | **2** |
| **Day 30- MTA-ABS4** | **0** | **0** | **1** | **1** | **2** |
| **Day 30- MTA-ABS5** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- MTA-ABS6** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- MTA-ABS7** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- MTA-ABS8** | **0** | **0** | **0** | **0** | **2** |
| **Day 30- MTA-ABS9** | **0** | **0** | **0** | **0** | **2** |
| **Day 30- MTA-ABS10** | **0** | **0** | **1** | **1** | **2** |

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| **Scores of tissue reactions for CONTROL group on day-30** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 30- EMPTY TUBE1** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- EMPTY TUBE2** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- EMPTY TUBE3** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- EMPTY TUBE4** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- EMPTY TUBE5** | **0** | **0** | **0** | **1** | **2** |
| **Day 30- EMPTY TUBE6** | **0** | **0** | **0** | **0** | **1** |
| **Day 30- EMPTY TUBE7** | **0** | **0** | **0** | **0** | **3** |
| **Day 30- EMPTY TUBE8** | **0** | **0** | **0** | **0** | **3** |

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| **Scores of tissue reactions for MTA group on day-60** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 60- MTA1** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA2** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA3** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA4** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- MTA5** | **0** | **0** | **0** | **1** | **2** |
| **Day 60- MTA6** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA7** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA8** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA9** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA10** | **0** | **0** | **0** | **0** | **2** |

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| **Scores of tissue reactions for MTA-ABS group on day-60** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 60- MTA-ABS1** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- MTA-ABS2** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA-ABS3** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA-ABS4** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- MTA-ABS5** | **0** | **0** | **0** | **1** | **3** |
| **Day 60- MTA-ABS6** | **0** | **0** | **1** | **0** | **3** |
| **Day 60- MTA-ABS7** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- MTA-ABS8** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA-ABS9** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- MTA-ABS10** | **0** | **0** | **0** | **0** | **2** |

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| **Scores of tissue reactions for CONTROL group on day-60** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 60- EMPTY TUBE1** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- EMPTY TUBE2** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- EMPTY TUBE3** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- EMPTY TUBE4** | **0** | **0** | **0** | **1** | **2** |
| **Day 60- EMPTY TUBE5** | **0** | **0** | **0** | **0** | **3** |
| **Day 60- EMPTY TUBE6** | **0** | **0** | **0** | **1** | **3** |
| **Day 60- EMPTY TUBE7** | **0** | **0** | **0** | **0** | **2** |
| **Day 60- EMPTY TUBE8** | **0** | **0** | **0** | **0** | **2** |

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| **Scores of tissue reactions for MTA group on day-90** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 90- MTA1** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA2** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA3** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA4** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA5** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA6** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA7** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA8** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA9** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA10** | **0** | **0** | **0** | **0** | **3** |

|  |  |  |  |  |  |
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| **Scores of tissue reactions for MTA-ABS group on day-90** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 90- MTA-ABS1** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA-ABS2** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA-ABS3** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA-ABS4** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA-ABS5** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA-ABS6** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA-ABS7** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA-ABS8** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- MTA-ABS9** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- MTA-ABS10** | **0** | **0** | **0** | **0** | **3** |

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| **Scores of tissue reactions for CONTROL group on day-90** | **INFLAMMATION** | **NECROSIS** | **FOREIGN BODY REACTION (FBR)** | **FIBROSIS** | **NEW BONE FORMATION (NBF)** |
| **Day 90- EMPTY TUBE1** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- EMPTY TUBE2** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- EMPTY TUBE3** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- EMPTY TUBE4** | **0** | **0** | **0** | **0** | **3** |
| **Day 90- EMPTY TUBE5** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- EMPTY TUBE6** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- EMPTY TUBE7** | **0** | **0** | **0** | **1** | **3** |
| **Day 90- EMPTY TUBE8** | **0** | **0** | **0** | **1** | **3** |