**Supplementary Table 2: Economic costs by cost category and allocation group (GBP, 2009-2010 prices)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cost category** | **MgSO4** | **Placebo** | **Difference** |
| **Mean** | **SE\*** | **Mean** | **SE** | **Mean** | **SE** | **P\*** |
| **NHS and social care costs: from randomisation to end of attendance/discharge**Costs (GBP) based on complete case data (N= 252 for MgSO4 and 256 for placebo) |
| (Initial) Hospital admissions | 765.20 | 68.40 | 748.93 | 57.60 | 16.26 | 89.42 | 0.856 |
| ED/CUA attendances only | 128.30 | 0.58 | 129.53 | 0.43 | -1.23 | 0.72 | 0.880 |
| Intervention costs | 1.79 | 0.15 | 1.42 | 0.15 | 0.36 | 0.22 | 0.000 |
| Adverse events costs | 0.35 | 0.15 | 0.73 | 0.25 | -0.38 | 0.29 | 0.191 |
| Total cost of care up to discharge | 896.53 | 68.61 | 881.50 | 57.70 | 15.02 | 89.65 | 0.867 |
| **Economic costs: from end of attendance/discharge up to 1 month post-randomisation**Costs (GBP) based on complete case data (N= 118 for MgSO4 and 112 for placebo) |
| Hospital re-admissions costs | 71.73 | 28.45 | 52.57 | 20.80 | 19.16 | 35.24 | 0.587 |
| Outpatient attendances costs | 23.22 | 4.98 | 39.98 | 7.56 | -16.76 | 9.06 | 0.066 |
| Community health service costs | 14.95 | 2.35 | 19.23 | 2.25 | -4.28 | 3.25 | 0.189 |
| Medications prescribed | 6.32 | 1.45 | 6.48 | 1.18 | -0.16 | 1.87 | 0.932 |
| Inhalers prescribed | 22.03 | 1.90 | 22.56 | 1,90 | -0.53 | 2.68 | 0.843 |
| Other costs | 91.57 | 13.12 | 83.52 | 16.36 | 8.04 | 20.97 | 0.702 |
| **Economic costs: from randomisation to 1 month post-randomisation**Costs (GBP) based on complete case data (N= 118 for MgSO4 and 112 for placebo) |
| NHS and social care costs | 1064.96 | 100.15 | 1118.65 | 110.14 | -53.68 | 148.87 | 0.719 |
| Total societal costs  | 1156.53 | 103.90 | 1202.17 | 115.92 | -45.63 | 155.67 | 0.770 |
| \*Standard errors and P-values were calculated in Microsoft Excel using two-tailed Student’s t-tests assuming unequal variance |