**Supplement Table 1 Palatability changes with days of treatment**

|  |  |  |
| --- | --- | --- |
| **Compare Days** | **Prednisolone base** | **Prednisolone Sodium Phosphate** |
| **SA** | **UK** | **SA** | **UK** |
| **Mean of taste** | **P-value** | **Mean of taste** | **P-value** | **Mean of taste** | **P-value** | **Mean of taste** | **P-value** |
| **Day 1 vs Day 2** | **1.12 vs 1.42** | **0.025\*** | **1.39 vs 1.61** | **0.061** | **1.62 vs 2.11** | **0.001\*** | **2.19 vs 2.21** | **0.075** |
| **Day 2 vs Day 3** | **1.42 vs 1.67** | **0.004\*** | **1.61 vs 1.97** | **0.019\*** | **2.11 vs 2.38** | **0.075** | **2.21 vs 2.54** | **0.136** |
| **Day 1 vs Day 3** | **1.12 vs 1.67** | **˂0.0001\*** | **1.39 vs 1.97** | **0.01\*** | **1.62 vs 2.38**  | **˂0.0001\*** | **2.19 vs 2.54** | **0.0451\*** |

\* Significant results, McNemar-Bowker test.

**Supplement Table 2 UK cost of different corticosteroid formulations**

|  |  |  |
| --- | --- | --- |
| **Oral corticosteroids****(Drug Tariff price)** [14] | **Price / unit** | **Treatment cost of one dose for child weighing 20kg receiving 2mg/kg/day of prednisolone or 0.3mg/kg/day of dexamethasone** |
| **Prednisolone base** | **Prednisolone 5mg tablets** | **3p/tablet** | **£0.24** |
| **Prednisolone 5mg/5ml oral solution unit dose** | **23p/ml** | **£9.20** |
| **Prednisolone 10mg/ml oral solution sugar free** | **£1.85/ml** | **£7.40** |
| **Prednisolone sodium phosphate** | **Prednisolone 5mg soluble tablets** | **£1.78/tablet** | **£14.24** |
| **Dexamethasone** | **Dexamethasone 2mg soluble tablets sugar free** | **68p/tablet** | **£2.04** |
| **Dexamethasone 2mg tablets** | **98p/tablet** | **£2.94** |
| **Dexamethasone 10mg/5ml oral solution sugar free** | **63p/ml** | **£1.89** |
| **Dexamethasone 2mg/5ml oral solution sugar free** | **28p/ml** | **£4.20** |