**Table 1 - Cost of delivering prenatal exome sequencing (pES)**

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| --- | --- | --- | --- |
| **Process** | **Cost per case (£)** | **No. of cases** | **Total cost (£)** |
| Case identification and referral to GLH (MDM) | 338 | 413 | 139,543 |
| Eligibility review by GLH (rejected/non-proceeded)\* | 11 | 163 | 1,766 |
| Discussion and consent\*\* | 40 | 250 | 9,935 |
| Sample collection, transport and DNA extraction\*\* | 76 | 250 | 18,887 |
| Prenatal exome sequencing (pES)\*\* | 2,931 | 250 | 732,733 |
| Return of results | 151 | 241 | 36,498 |
| Administration (throughout) | 57 | 413 | 23,366 |
| **Total cost (95% credibility interval)** | | | **962,727**  **(775,454 - 1,204,027)** |
| **Mean cost:** |  |  |  |
|  | **Cost per case (£) (95% CI)** | **No. of cases** |  |
| Referred pES case | 2,331 (1,894 - 2,856) | 413 |  |
| Proceeded pES case | 3,592  (2,959 – 4,250) | 241 |  |
| Non-proceeded pES case | 564  (154 – 774) | 172 |  |
| \* For accepted cases this cost is included in pES |  |  |  |
| \*\*241 proceeded pES cases, 9 cases started then subsequently transferred to non-urgent pathway | | | |