**Additional file 1. The detailed search strategy**

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| --- | --- | --- |
| **Databases** | **Search strategy** | **Results** |
| **PubMed** | ((MSC [title/abstract]) OR (mesenchymal stem cell [title/abstract]) OR (Wharton’s jelly [title/abstract])) AND ((safety [title/abstract]) OR (side event [title/abstract]) OR (side effect [title/abstract]) OR (adverse event [title/abstract]) OR (adverse effect [title/abstract])) | **474** |
| **Web of Science** | **467** |
| **The Cochrane Library** | **942** |
| **EMBASE** | **195** |
| **Scopus** | **0** |