

## Appendix 1: Search strategies for a systematic review of roles and impacts of transplant pharmacists

The initial search was conducted in PubMed® with the following terms: ((“pharmacists”[MeSH Terms] OR “pharmacists”[All Fields] OR “pharmacist”[All Fields]) OR (“clinical pharmacy”[All Fields] OR (clinical[All Fields] AND (“pharmacy”[MeSH Terms] OR “pharmacies”[MeSH Terms])) OR (“pharmaceutical services”[MeSH Terms] OR “pharmaceutical services”[All Fields]) OR (“pharmaceutical care”[All Fields] OR (“pharmacy”[MeSH Terms] OR “pharmaceutical”[All Fields] AND care[All Fields]))) AND (pharmacists[Title/Abstract] OR pharmacist[Title/Abstract]) AND Transplantation.

A supplementary PubMed search strategy was used: (((Transplantation[mh] NOT (Cell Transplantation[mh] OR Bone Marrow Transplantation[mh] OR “Tissue and Organ Harvesting”[mh])) OR Transplantation[sh] OR Transplant\*[tiab] OR Graft[tiab] OR Grafts[tiab] OR Grafting[tiab] OR Allograft\*[tiab] OR Autograft\*[tiab] OR Heterograft\*[tiab] OR Isograft\*[tiab] OR Xenograft\*[tiab] OR Transplant\*[ot] OR Graft[ot] OR Grafts[ot] OR Grafting[ot] OR Allograft\*[ot] OR Autograft\*[ot] OR Heterograft\*[ot] OR Isograft\*[ot] OR Xenograft\*[ot]) AND (Pharmaceutical Services[mh :noexp] OR Pharmacy[mh :noexp] OR Pharmacy Service, Hospital[mh] OR Drug Information Services[mh] OR Pharmaceutical Services, Online[mh] OR Medication Therapy Management[mh] OR Pharmacies[mh] OR Pharmacists[mh] OR (Pharmacy[tiab] NOT (Pharmacy claims[tiab] OR pharmacy database[tiab] OR pharmacy records[tiab] OR pharmacy data[tiab])) OR Pharmacies[tiab] OR Pharmacist\*[tiab] OR Pharmaceutical service[tiab] OR Pharmaceutical services[tiab] OR Pharmaceutical care[tiab] OR Pharmaceutical cares[tiab] OR (Pharmacy[ot] NOT (Pharmacy claims[ot] OR pharmacy database[ot] OR pharmacy records[ot] OR pharmacy data[ot])) OR Pharmacies[ot] OR Pharmacist\*[ot] OR Pharmaceutical service[ot] OR Pharmaceutical services[ot] OR Pharmaceutical care[ot] OR Pharmaceutical cares[ot])) NOT ((Animals[mh] NOT humans[mh]) OR veterinary[sb])).

In the EMBASE database (via Ovid), a 9-step search strategy was employed (see table below). Finally, a 3-step search was performed in the Evidence-Based Medicine Reviews database (via Ovid) (see table below).

### EMBASE database (via Ovid): 9-step search strategy

| Step | Search Strategy                                                                                                                                                                                                                         | No. of articles |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1    | (Transplant* or Graft or Grafts or Grafting or Allograft* or Autograft* or Heterograft* or Isograft* or Xenograft*).ti,ab,kw.                                                                                                           | 773 708         |
| 2    | exp transplantation/ not (exp cell transplantation/ or exp bone marrow transplantation/)                                                                                                                                                | 636 781         |
| 3    | 1 or 2                                                                                                                                                                                                                                  | 961 845         |
| 4    | ((Pharmacy not (Pharmacy claims or pharmacy database or pharmacy records or pharmacy data)) or Pharmacies or Pharmacist* or Pharmaceutical service or Pharmaceutical services or Pharmaceutical care or Pharmaceutical cares).ti,ab,kw. | 90 085          |
| 5    | clinical pharmacy/ or hospital pharmacy/ or pharmacy/ or pharmacist/                                                                                                                                                                    | 105 719         |
| 6    | 4 or 5                                                                                                                                                                                                                                  | 135 804         |
| 7    | 3 and 6                                                                                                                                                                                                                                 | 1 521           |
| 8    | exp animal/ not exp human/                                                                                                                                                                                                              | 4 365 254       |
| 9    | 7 not 8                                                                                                                                                                                                                                 | 1492            |

### Evidence-Based Medicine Reviews database (via Ovid): 3-step search strategy

| Step | Search Strategy                                                                                                                                                                                                                         | No. of articles |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1    | (Transplant* or Graft or Grafts or Grafting or Allograft* or Autograft* or Heterograft* or Isograft* or Xenograft*).ti,ab,kw.                                                                                                           | 27 067          |
| 2    | ((Pharmacy not (Pharmacy claims or pharmacy database or pharmacy records or pharmacy data)) or Pharmacies or Pharmacist* or Pharmaceutical service or Pharmaceutical services or Pharmaceutical care or Pharmaceutical cares).ti,ab,kw. | 2 607           |
| 3    | 1 and 2                                                                                                                                                                                                                                 | 30              |

Supplementary material for Sam S, Guérin A, Rieutord A, Belaiche S, Bussièrès JF. Roles and impacts of the transplant pharmacist: a systematic review. *Can J Hosp Pharm.* 2018;71(5):324-37.