Appendix 1. Search strategies used (Dec11, 2019)

|  |  |  |
| --- | --- | --- |
| **Data base** | **Search** | |
| Embase | #5 #2 AND #4  #4 #1 OR #3  #3 “orthopedic prosthesis and orthosis”  #2 “flexion contracture”  #1 “leg amputation”/exp OR “leg amputation” OR ((“leg”/exp OR leg) AND (“amputation”/exp OR amputation)) | |
| PubMed | ((“Amputation”[Mesh] OR “Amputees”[Mesh] OR amput\*[tiab]) AND (“Hip Contracture”[Mesh] OR “Contracture”[Mesh] OR contracture\* [tiab] OR hip contracture\* [tiab] OR knee contracture\*[tiab]) AND ( “Prosthesis Fitting”[Mesh] OR “Artificial Limbs”[Mesh] OR prosthes\*[tiab] OR prosthet\*[tiab])) | |
| CINAHL | S8 | S6 AND S7 |
|  | S7 | S1 OR S2 |
|  | S6 | S3 OR S4 OR S5 |
|  | S5 | TI (amput\* OR prosthes\* OR prosthet\*) OR AB (amput\* OR prosthes\* OR prosthet\*) |
|  | S4 | (MH “Limb Prosthesis”) |
|  | S3 | (MH “Amputees”) |
|  | S2 | TI (contracture\* OR hip contracture\* OR knee contracture\*) OR AB (contracture\* OR hip contracture\* OR knee contracture\*) |
|  | S1 | (MH “Contracture”) |
|  |  |  |
| Scopus | TITLE-ABS-KEY ( ( contracture ) AND ( amputation )  AND ( prosthes\* ) ) | |
| Orthotics & Prosthetics Virtual Library | prosthesis and hip knee flexion contracture | |