Appendix 1. PubMed search until the 25th of March, 2020

| Search | Add to builder | Query | Items found |
|--------|----------------|-------|-------------|
| #58    | Add            | Search ((("Sinus Floor Augmentation"[Mesh]) OR (sinus augment*[Text Word] OR sinus floor augment*[Text Word])) OR (sinus floor augment*[Text Word])) AND (((Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word]) OR "Bone Substitutes"[Mesh]) AND ((("Prospective Studies"[Mesh]) OR "Controlled Clinical Trials as Topic"[Mesh]) OR "Controlled Clinical Trial" [Publication Type]) OR (((randomized[Text Word] OR randomised[Text Word]) OR controlled[Text Word] OR prospective*[Text Word] OR retrospektiv*[Text Word])) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 681 |
| #57    | Add            | Search ((("Prospective Studies"[Mesh]) OR "Retrospective Studies"[Mesh]) OR "Controlled Clinical Trials as Topic"[Mesh]) OR "Controlled Clinical Trial" [Publication Type]) OR (((randomized[Text Word] OR randomised[Text Word]) OR controlled[Text Word] OR prospective*[Text Word] OR retrospektiv*[Text Word])) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 2535650 |
| #56    | Add            | Search ((("Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word]) OR "Bone Substitutes"[Mesh] | 1809479 |
| #55    | Add            | Search ((("Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 1935320 |
| #54    | Add            | Search ((("Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND "Bone Substitutes"[Mesh] | 1994 |
| #53    | Add            | Search ((("Sinus Floor Augmentation"[Mesh]) OR (sinus augment*[Text Word] OR sinus floor augment*[Text Word])) OR (sinus floor augment*[Text Word])) AND (((Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND ((("Prospective Studies"[Mesh]) OR "Controlled Clinical Trials as Topic"[Mesh]) OR "Controlled Clinical Trial" [Publication Type]) OR (((randomized[Text Word] OR randomised[Text Word]) OR controlled[Text Word] OR prospective*[Text Word] OR retrospektiv*[Text Word])) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 501964 |
| #52    | Add            | Search "Bone Substitutes"[Mesh] | 9402 |
| #51    | Add            | Search graft*[Text Word] | 388892 |
| #50    | Add            | Search (Autolog*[Text Word] OR autogen*[Text Word]) | 134804 |
| #49    | Add            | Search bone transplant*[Text Word] | 31239 |
| #48    | Add            | Search “Bone Transplantation"[Mesh:NoExp] | 30739 |
| #47    | Add            | Search (("Sinus Floor Augmentation"[Mesh]) OR (sinus augment*[Text Word] OR sinus floor augment*[Text Word])) OR (sinus floor augment*[Text Word])) AND (((Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND "Bone Substitutes"[Mesh] | 2742 |
| #46    | Add            | Search (sinus floor elevat*[Text Word] OR sinus elevat*[Text Word] OR sinus lift*[Text Word])) AND ((("Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND ((("Prospective Studies"[Mesh]) OR "Controlled Clinical Trials as Topic"[Mesh]) OR "Controlled Clinical Trial" [Publication Type]) OR (((randomized[Text Word] OR randomised[Text Word]) OR controlled[Text Word] OR prospective*[Text Word] OR retrospektiv*[Text Word])) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 1756 |
| #45    | Add            | Search (sinus augment*[Text Word] OR sinus floor augment*[Text Word]) | 1921 |
| #44    | Add            | Search ("Bone Substitutes"[Mesh] OR bone transplant*[Text Word] OR (Autolog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND ((("Bone Transplantation"[Mesh:NoExp]) OR bone transplant*[Text Word]) OR ((AutoLog*[Text Word] OR autogen*[Text Word])) OR graft*[Text Word] OR "Bone Substitutes"[Mesh]) AND ((("Prospective Studies"[Mesh]) OR "Controlled Clinical Trials as Topic"[Mesh]) OR "Controlled Clinical Trial" [Publication Type]) OR (((randomized[Text Word] OR randomised[Text Word]) OR controlled[Text Word] OR prospective*[Text Word] OR retrospektiv*[Text Word])) AND (trial[Text Word] OR trials[Text Word] OR study[Text Word] OR studies[Text Word])) | 1092 |

Appendix 2. Embase search until the 25th of March, 2020

| No.   | Query                                                                 | Results |
|-------|------------------------------------------------------------------------|---------|
| #12   | #8 AND #11                                                             | 811     |
| #11   | #9 OR #10                                                              | 8770065 |
| #10   | (randomized OR randomised OR controlled OR prospective* OR retrospektiv*) NEAR/3 (trial OR trials OR study OR studies) | 8241012 |
| #9    | 'controlled clinical trial'/exp OR 'prospective study'/exp OR 'retrospective study'/exp | 2112073 |
| #8    | #3 AND #7                                                              | 2015    |
| #7    | #4 OR #5 OR #6                                                         | 576210  |
| #6    | "bone substitut\*:ti,ab,kw,de                                        | 4876    |
| #5    | autolog*:ti,ab,kw OR autogen*:ti,ab,kw OR graft*:ti,ab,kw,de          | 800216  |
| #4    | "bone transplantation"/de OR 'bone graft'/de OR 'bone allograft'/de OR "synthetic bone graft"/de | 48636  |
| #3    | #1 OR #2                                                              | 3097    |
| #2    | (sinus NEAR/3 (augment* OR lift* OR elevat*)):ti,ab,kw                | 2999    |
| #1    | "sinus floor augmentation"/exp                                         | 1102    |