

## Appendix 1

### Supplementary Table 1: Search Strategy for the systematic review

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((((((((((((LBC OR LABC OR LLABC) OR (local OR localised OR localized OR locally)
AND breast neoplasms[mh]))) OR ((local OR localised OR localized OR locally) AND
breast AND (cancer OR tumor OR tumors OR tumour OR tumours OR malignan* OR
carcinoma OR cancer OR neoplasm OR neoplasms))) AND (("2016/01/01"[PDat] :
"2023/09/08"[PDat]) AND English[lang])) OR (((breast neoplasms[MeSH Terms]) AND
drug therapy[MeSH Subheading]) AND (("2016/01/01"[PDat] : "2023/09/08"[PDat])
AND English[lang])) OR (((("breast neoplasm"[Title] OR "breast neoplasms"[Title] OR
"breast cancer"[Title] OR "breast carcinoma"[Title] OR "breast tumor*"[Title] OR
"breast tumour*"[Title])) AND (("2016/01/01"[PDat] : "2023/09/08"[PDat]) AND
English[lang]))) AND (((Neoadjuvant Therapy[mh] OR neoadjuvant OR neo-adjuvant
OR "neo adjuvant" OR preoperative care[mesh] OR preoperative period[mesh] OR
"pre surgical" OR pre-surgical OR presurgical OR preoperative OR pre-operative OR
"pre operative"))) AND (("2016/01/01"[PDat] : "2023/09/08"[PDat]) AND
English[lang])) AND (("2016/01/01"[PDat] : "2023/09/08"[PDat]) AND English[lang]))
AND (((pathology OR pathologic OR pathologically OR pathologies) AND
((complete* AND response*) OR (complete* AND respond*) OR (complete* AND
remission)))) OR pCR) OR "Treatment Outcome"[Mesh] AND (("2016/01/01"[PDat] :
"2023/09/08"[PDat]) AND English[lang])) AND (("2016/01/01"[PDat] :
"2023/09/08"[PDat]) AND English[lang])) NOT (((comment[Publication Type] OR case
reports[Publication Type] OR letter[Publication Type] OR editorial[Publication Type]
OR news[Publication Type])) OR (comment[Title] OR case report*[Title] OR
letter[Title] OR editorial[Title] OR news[Title])) AND (("2016/01/01"[PDat] :
"2023/09/08"[PDat]) AND English[lang]))

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Adapted from Spring et al Pathologic Complete Response after Neoadjuvant Chemotherapy and Impact on Breast Cancer Recurrence and Survival: A Comprehensive Meta-analysis. *Clinical Cancer Research* : an official journal of the American Association for Cancer Research. 2020;26(12):2838-48.10.1158/1078-0432.Ccr-19-3492