**Supplementary Material**

Notes on the Search Strategy for the Systematic Review – 01 June 2023

version 3

Title: Efficacy of hormonal and targeted therapy for advanced breast cancer: A systematic review of randomized controlled trials

Search strategy

|  |  |
| --- | --- |
| **Topic/Text Word**  “Hormonal therapy” OR “hormone therap\*”  OR “hormone treatment” OR “targeted therap\*” OR “Estrogen Replacement Therapy” OR “Hormone replacement therapy” OR “Molecular Targeted Therapy” OR “endocrine therap\*” | **Mesh Headings**  Estrogen Replacement Therapy  Estrogen Replacement Therapies  Hormone replacement therapy  Hormone replacement therapies  Molecular Targeted Therapy  Molecular Targeted Therapies |

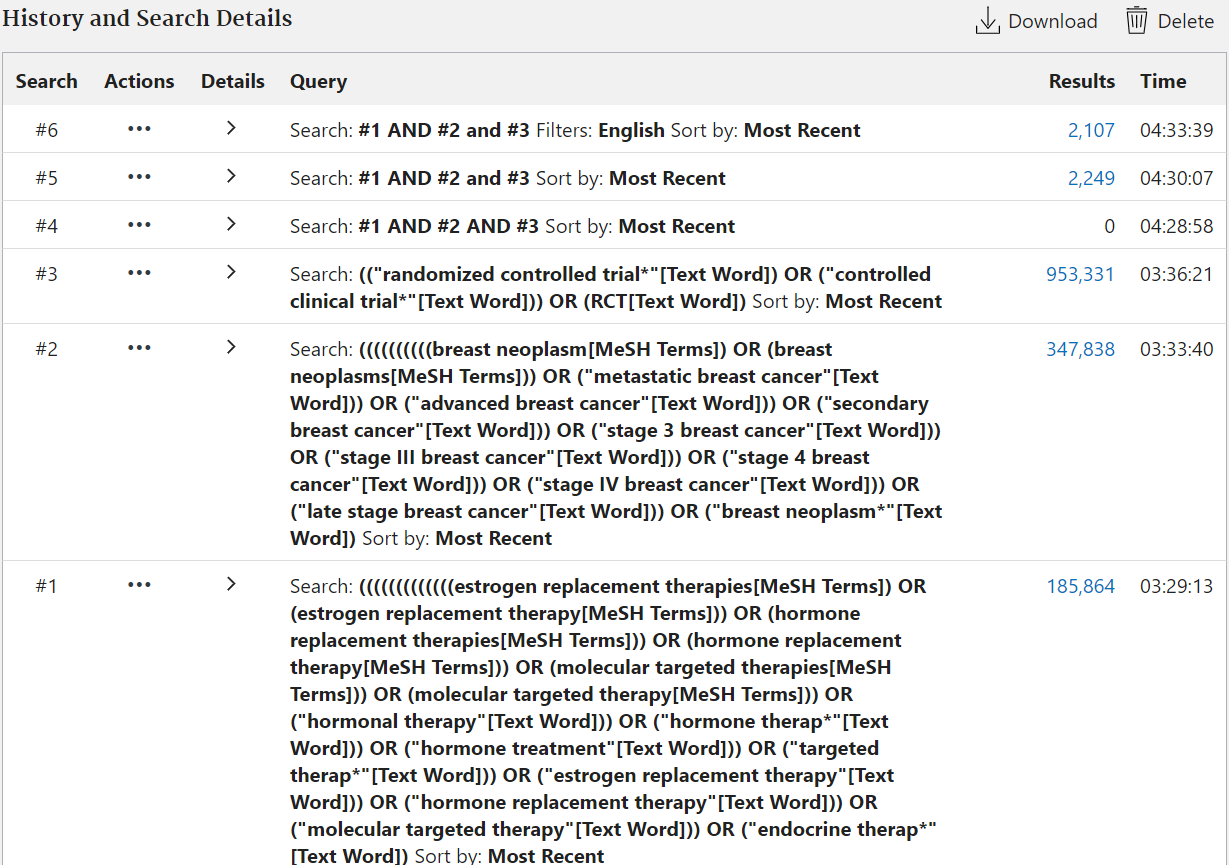
**AND**

|  |  |
| --- | --- |
| **Topic/Text Word**  “Metastatic breast cancer” OR “advanced breast cancer” OR “secondary breast cancer” OR “stage 3 breast cancer” OR “stage III breast cancer” OR “stage 4 breast cancer” OR “stage IV breast cancer” OR “late stage breast cancer” OR “breast neoplasm\*” | **Mesh Headings**  Breast neoplasm  Breast neoplasms |

**AND**

|  |  |
| --- | --- |
| “Randomized controlled trial\*” OR “controlled clinical trial\*” OR RCT |  |

**PUBMED Results= 2107**

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**Web of Science Results = 174**

**“Hormonal therapy” OR “hormone therap\*” OR “hormone treatment” OR “targeted therap\*” OR “Estrogen Replacement Therapy” OR “Hormone replacement therapy” OR “Molecular Targeted Therapy” OR “endocrine therap\*”** (Topic) and **“Metastatic breast cancer” OR “advanced breast cancer” OR “secondary breast cancer” OR “stage 3 breast cancer” OR “stage III breast cancer” OR “stage 4 breast cancer” OR “stage IV breast cancer” OR “late stage breast cancer” OR “breast neoplasm\*”** (Topic) and **“Randomized controlled trial\*” OR “controlled clinical trial\*” OR RCT** (Topic) and **Review Article** or **Article** (Document Types) and **English** (Languages)

9:18 AM 01 June 2023

**Scopus Results= 2107**

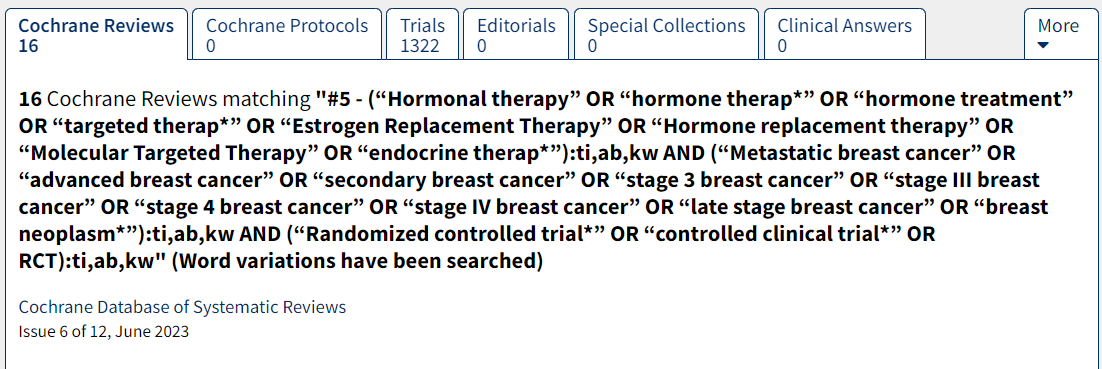
**( TITLE-ABS-KEY ( "hormonal therapy" OR "hormone therap\*" OR "hormone treatment" OR "targeted therap\*" OR "estrogen replacement therapy" OR "hormone replacement therapy" OR "molecular targeted therapy" OR "endocrine therap\*" ) AND TITLE-ABS-KEY ( "metastatic breast cancer" OR "advanced breast cancer" OR "secondary breast cancer" OR "stage 3 breast cancer" OR "stage iii breast cancer" OR "stage 4 breast cancer" OR "stage iv breast cancer" OR "late stage breast cancer" OR "breast neoplasm\*" ) AND TITLE-ABS-KEY ( "randomized controlled trial\*" OR "controlled clinical trial\*" OR rct ) ) AND ( LIMIT-TO ( DOCTYPE , "ar" ) OR LIMIT-TO ( DOCTYPE , "re" ) ) AND ( LIMIT-TO ( LANGUAGE , "english" ) )**

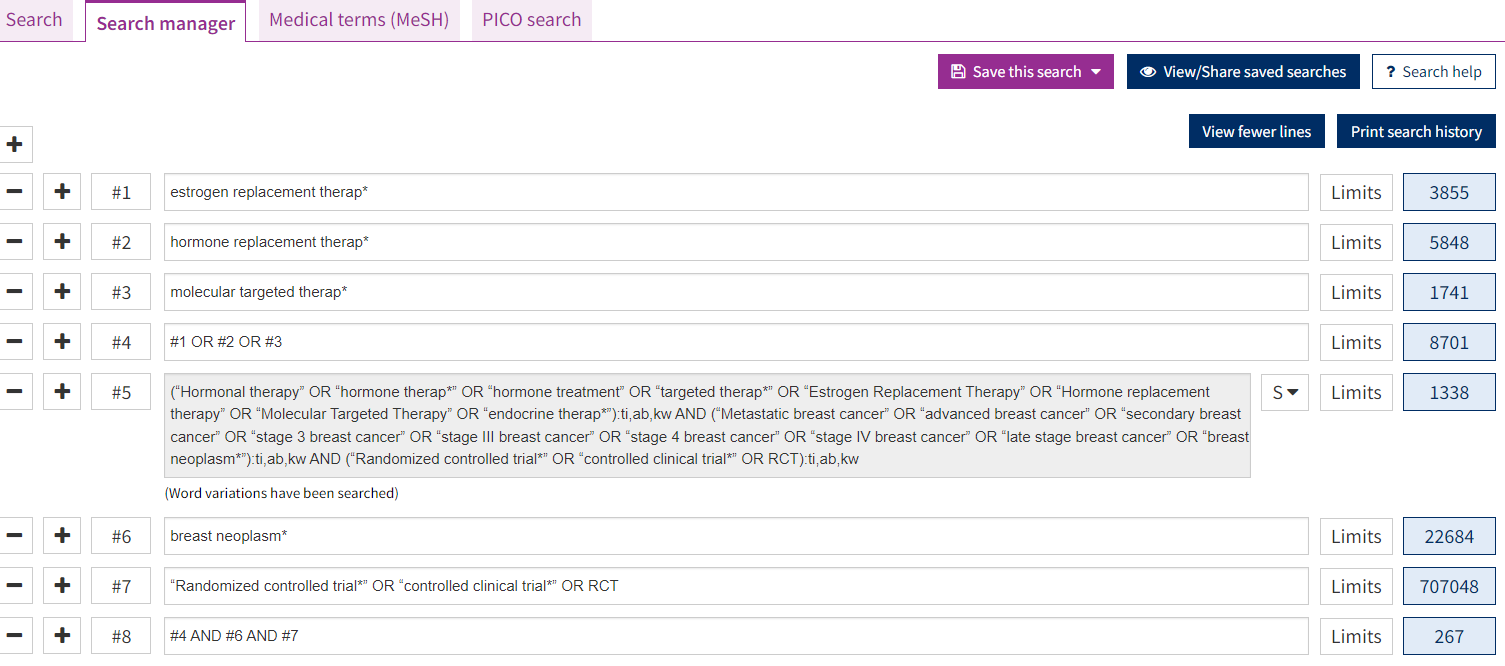
**Medline Results= 401**

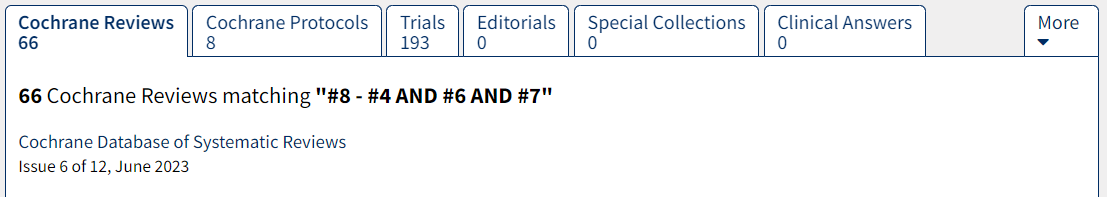
**CiNAHL Results= 359**

**Cochrane Results= 16(1338) +66(267)**

**16 Cochrane Reviews matching "#5 - (“Hormonal therapy” OR “hormone therap\*” OR “hormone treatment” OR “targeted therap\*” OR “Estrogen Replacement Therapy” OR “Hormone replacement therapy” OR “Molecular Targeted Therapy” OR “endocrine therap\*”):ti,ab,kw AND (“Metastatic breast cancer” OR “advanced breast cancer” OR “secondary breast cancer” OR “stage 3 breast cancer” OR “stage III breast cancer” OR “stage 4 breast cancer” OR “stage IV breast cancer” OR “late stage breast cancer” OR “breast neoplasm\*”):ti,ab,kw AND (“Randomized controlled trial\*” OR “controlled clinical trial\*” OR RCT):ti,ab,kw" (Word variations have been searched)**

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