

Appendix 1: Search strategy*PubMed*

(((((“Small Cell Lung Carcinoma”[MeSH]) OR (((Oat Cell Lung Cancer[Title/Abstract]) OR (Small Cell Cancer Of The Lung[Title/Abstract])) OR (Carcinoma, Small Cell Lung[Title/Abstract])) OR (Oat Cell Carcinoma of Lung[Title/Abstract]))) AND (((extensive-stage[Title/Abstract]) OR (extensive stage[Title/Abstract])) OR (extensive-disease[Title/Abstract]) OR (extensive disease[Title/Abstract])) OR (extensive[Title/Abstract])) AND (((((((((((((((Immune Checkpoint Inhibitors[Title/Abstract]) OR (ICIs[Title/Abstract])) OR (Programmed death-1[Title/Abstract])) OR (PD1[Title/Abstract])) OR (Programmed death ligand-1[Title/Abstract])) OR (PD-L1[Title/Abstract])) OR (CTLA-4[Title/Abstract])) OR (Toripalimab[Title/Abstract])) OR (Ipilimumab[Title/Abstract])) OR (nivolumab[Title/Abstract])) OR (pembrolizumab[Title/Abstract])) OR (Serplulimab[Title/Abstract])) OR (Adebrelimab [Title/Abstract])) OR (tremelimumab[Title/Abstract])) OR (lambrolizumab[Title/Abstract])) OR (atezolizumab[Title/Abstract])) OR (durvalumab[Title/Abstract])) OR (avelumab[Title/Abstract])) OR (Cemiplimab[Title/Abstract]))) AND (((randomized controlled trial) OR (randomized)) OR (placebo))

Embase

#1 ‘Small Cell Lung Carcinoma’:ab,kw,ti OR ‘Oat Cell Lung Cancer’:ab,kw,ti OR ‘Small Cell Cancer Of The Lung’:ab,kw,ti OR ‘Carcinoma, Small Cell Lung’:ab,kw,ti OR ‘Oat Cell Carcinoma of Lung’:ab,kw,ti
 #2 ‘extensive-stage’:ab,kw,ti OR ‘extensive stage’:ab,kw,ti OR ‘extensive-disease’:ab,kw,ti OR ‘extensive disease’:ab,kw,ti OR ‘extensive’:ab,kw,ti
 #3 #1 AND #2
 #4 ‘chemotherapy’:ab,kw,ti OR ‘etoposide’:ab,kw,ti OR ‘platinum’:ab,kw,ti OR ‘cis-platinum’:ab,kw,ti OR ‘carboplatin’:ab,kw,ti OR ‘cisplatin’:ab,kw,ti
 #5 ‘Immune Checkpoint Inhibitors’:ab,kw,ti OR ‘ICIs’:ab,kw,ti OR ‘Programmed death-1’:ab,kw,ti OR ‘PD1’:ab,kw,ti OR ‘Programmed death ligand-1’:ab,kw,ti OR ‘PD-L1’:ab,kw,ti OR ‘CTLA-4’:ab,kw,ti OR ‘Toripalimab’:ab,kw,ti OR ‘Ipilimumab’:ab,kw,ti OR ‘nivolumab’:ab,kw,ti OR ‘pembrolizumab’:ab,kw,ti OR ‘Serplulimab’:ab,kw,ti OR ‘Adebrelimab’:ab,kw,ti OR ‘tremelimumab’:ab,kw,ti OR ‘lambrolizumab’:ab,kw,ti OR ‘atezolizumab’:ab,kw,ti OR ‘durvalumab’:ab,kw,ti OR ‘avelumab’:ab,kw,ti OR ‘Cemiplimab’:ab,kw,ti
 #6 ‘randomized controlled trial’:ab,kw,ti OR ‘randomized’:ab,kw,ti OR ‘placebo’:ab,kw,ti
 #7 #3 AND #4 AND #5 AND #6

Cochrane Library

#1 MeSH descriptor: [Small Cell Lung Carcinoma] explode all trees
 #2 (Oat Cell Lung Cancer):ti,ab,kw OR (Small Cell Cancer Of The Lung):ti,ab,kw OR (Carcinoma, Small Cell Lung):ti,ab,kw OR (Oat Cell Carcinoma of Lung):ti,ab,kw
 #3 #1 OR #2
 #4 (extensive-stage):ti,ab,kw OR (extensive stage):ti,ab,kw OR (extensive-disease):ti,ab,kw OR (extensive disease):ti,ab,kw OR (extensive):ti,ab,kw
 #5 #3 AND #4
 #6 (chemotherapy):ti,ab,kw OR (etoposide):ti,ab,kw OR (platinum):ti,ab,kw OR (cis-platinum):ti,ab,kw OR (carboplatin):ti,ab,kw OR (cisplatin):ti,ab,kw
 #7 (Immune Checkpoint Inhibitors):ti,ab,kw OR (ICIs):ti,ab,kw OR (Programmed death-1):ti,ab,kw OR (PD1):ti,ab,kw OR (Programmed death ligand-1):ti,ab,kw OR (PD-L1):ti,ab,kw OR (CTLA-4):ti,ab,kw OR (Toripalimab):ti,ab,kw

OR (Ipilimumab):ti,ab,kw OR (nivolumab):ti,ab,kw OR (pembrolizumab):ti,ab,kw OR (Serplulimab):ti,ab,kw OR
(Adebrelimab):ti,ab,kw OR (tremelimumab):ti,ab,kw OR (lambrolizumab):ti,ab,kw OR (atezolizumab):ti,ab,kw OR
(durvalumab):ti,ab,kw OR (avelumab):ti,ab,kw OR (Cemiplimab):ti,ab,kw
#8 #5 AND #6 AND #7