

Search strategy

Search strategy for PubMed (01 July 2020)

[Mesh] = Medical subject headings

[tw] = textword: words in title, abstract, author keywords and MeSH

Search	Query	Items found
#3	#1 OR #2	332
#2	Hybrid breast reconstruction*[tw] OR hybrid reconstruction*[tw] lipocyteinfiltrat*[tw] OR lipocyte-infiltrat*[tw] OR lipocyte sculpt*[tw] OR lipocytesculpt*[tw] OR lipocyte-sculpt*[tw] OR lipocyte mod*[tw] OR lipocytemod*[tw] OR lipocyte-mod*[tw]	102
#1	"Hybrid Breast Reconstruction"[Mesh] OR ("Autologous Breast Reconstruction"[Mesh] AND "Implant-Based Breast Reconstruction"[Mesh]) OR ("Autologous Breast Reconstruction"[Mesh] AND "Alloplastic Breast Reconstruction"[Mesh])	230

Search strategy for Embase.com (01 July 2020)

/exp = EMtree keyword with explosion

/de = EMtree keyword without explosion

:ab,ti = words in title OR abstract

NEXT/x = words next to each other in that order, x places apart

Search	Query	Items found
#1	'hybrid breast reconstruction'/exp OR 'hybrid reconstruction'/exp OR 'autologous breast reconstruction'/exp AND ('implant breast reconstruction'/exp OR 'implant-based breast reconstruction'/exp OR 'alloplastic breast reconstruction'/exp) OR (autologous NEXT/1 implant*):ab,ti	120

Search strategy for Wiley/Cochrane Library (01 July 2020)

ti,ab,kw = words in title, abstract or keyword

Search	Query	Items found
#1	Hybrid breast reconstruction* or hybrid reconstruction* or (autologous reconstruction* and (implant reconstruction* or alloplastic reconstruction* or implant-based reconstruction*)):ti,ab,kw	45

Search strategy for Web of Science (01 July 2020)

TS=topic

NEAR/x = words near to each other in that order, x places apart

Search	Query	Items found
#1	TS=("hybrid breast reconstruction" OR "hybrid reconstruction") OR TS= ("autologous breast reconstruction" OR "autologous reconstruction" OR "free flap" OR "flap reconstruction") AND TS= ("implant breast reconstruction" OR "alloplastic reconstruction" OR "implant-based breast reconstruction" OR implant NEAR/1 autologous*)	45

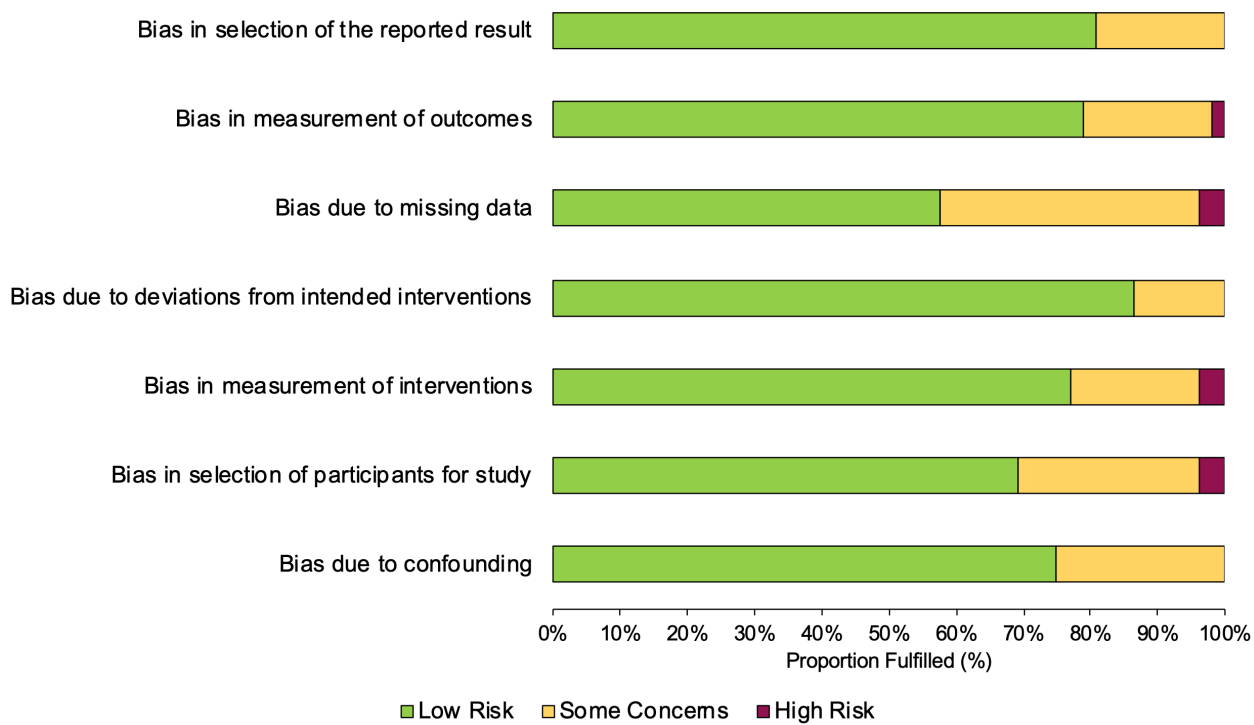


Figure S1 Results of risk of bias analyses.