

# Appendix A: Literature Search

## PubMed

### Search 1

("Mastectomy"[Mesh] OR Mastectomy[Title/Abstract] OR Mammectomies[Title/Abstract] OR Mastectomies[Title/Abstract] OR Mammectomy[Title/Abstract])

AND

("Mammaplasty"[MeSH Terms] OR "Breast implants"[MeSH Terms] OR "Breast Implantation"[Mesh] OR mammaplasty OR mammoplasty OR Mammaplasties OR Mammoplasties OR ((breast\* OR mammar\*) AND (implant OR implants OR Reconstruction\* OR prosth\* OR "Prostheses and Implants"[MeSH Terms] OR "Transplantation, Autologous"[Mesh])) OR "Autografts"[Mesh] OR Autotransplantation OR Autotransplantations OR Autografting OR Autograftings OR Autologous OR Autograft OR Autotransplants OR Autotransplant OR "Silicones"[Mesh] OR "Saline Solution"[Mesh] OR "Prosthesis Design"[Mesh] OR Silicone OR silicones OR saline OR "gummy bear" OR nanomaterials OR (("Acellular Dermis"[Mesh] OR "Tissue Expansion Devices"[Mesh] OR acellular OR dermal OR peritoneal) AND (matrices OR matrix)) OR "Surgical Flaps"[Mesh] OR "Adipose Tissue/transplantation"[Mesh] OR "Tissue Transplantation"[Mesh] OR ((flap OR flaps) AND (surgical OR surgery))))

### Search 2 to get AE studies not captured by search 1

("Mammaplasty"[MeSH Terms] OR "Breast implants"[MeSH Terms] OR "Breast Implantation"[Mesh] OR mammaplasty OR mammoplasty OR Mammaplasties OR Mammoplasties OR ((breast\* OR mammar\*) AND (implant OR implants OR Reconstruction\* OR prosth\* OR "Prostheses and Implants"[MeSH Terms])))

AND

("Transplantation, Autologous"[Mesh] OR "Autografts"[Mesh] OR Autotransplantation OR Autotransplantations OR Autografting OR Autograftings OR Autologous OR Autograft OR Autotransplants OR Autotransplant OR "Silicones"[Mesh] OR "Saline Solution"[Mesh] OR "Prosthesis Design"[Mesh] OR Silicone OR silicones OR saline OR "gummy bear" OR nanomaterials OR (("Acellular Dermis"[Mesh] OR "Tissue Expansion Devices"[Mesh] OR acellular OR dermal OR peritoneal) AND (matrices OR matrix)) OR "Surgical Flaps"[Mesh] OR "Adipose Tissue/transplantation"[Mesh] OR "Tissue Transplantation"[Mesh] OR ((flap OR flaps) AND (surgical OR surgery))))

AND

(safe\* or adverse\* or undesirable or harm or harms or injurious or risk or risks or reaction\* or complication\* or poison\* OR side effect\* or safety or unsafe OR ((adverse or undesirable or

harm or harms or toxic or injurious or serious or fatal) AND (effect\* or reaction\* or event\* or outcome\* or incident\*)) OR death or deaths or fatal or fatality or fatalities OR Rupture)

NOT

("address"[pt] or "autobiography"[pt] or "bibliography"[pt] or "biography"[pt] or "case reports"[pt] or "comment"[pt] or "congress"[pt] or "dictionary"[pt] or "directory"[pt] or "festschrift"[pt] or "government publication"[pt] or "historical article"[pt] or "interview"[pt] or "lecture"[pt] or "legal case"[pt] or "legislation"[pt] or "news"[pt] or "newspaper article"[pt] or "patient education handout"[pt] or "periodical index"[pt] or "comment on" or ("Animals"[Mesh] NOT "Humans"[Mesh]))

## Embase

#19 #3 AND #16 AND ([article]/lim OR [article in press]/lim)  
#17 #3 AND #16  
#16 #4 OR #15  
#15 #5 OR #7 OR #13 OR #14  
#14 flap OR flaps  
#13 dermal AND matrix  
#7 'autograft'  
#6 #4 AND #5  
#5 mammaplasty OR mammoplasty OR mammaplasties OR mammoplasties  
#4 'breast reconstruction'  
#3 #1 OR #2  
#2 mammectomies OR mastectomies OR mammectomy  
#1 'mastectomy'/de

## Cochrane

#1 MeSH descriptor: [Mastectomy] explode all trees 1549  
#2 Mastectomy OR Mammectomies OR Mastectomies OR Mammectomy 4665  
#3 #1 OR #2 4665  
#4 MeSH descriptor: [Mammaplasty] explode all trees 289  
#5 MeSH descriptor: [Breast Implants] explode all trees 57  
#6 MeSH descriptor: [Breast Implantation] explode all trees 34  
#7 mammaplasty OR mammoplasty OR Mammaplasties OR Mammoplasties 389  
#8 #4 OR #5 OR #6 OR #7 425  
#9 breast\* OR mammar\* 50587  
#10 MeSH descriptor: [Prostheses and Implants] explode all trees 16811  
#11 MeSH descriptor: [Transplantation, Autologous] explode all trees 1556  
#12 implant OR implants OR Reconstruction\* OR prosthesis\* 32049  
#13 #10 OR #11 OR #12 41150  
#14 #9 AND #13 1322

- #15 #8 OR #14 1505
- #16 MeSH descriptor: [Autografts] explode all trees 154
- #17 MeSH descriptor: [Silicones] explode all trees 999
- #18 MeSH descriptor: [Saline Solution] explode all trees 66
- #19 MeSH descriptor: [Prosthesis Design] explode all trees 2249
- #20 Silicone OR silicones OR saline OR “gummy bear” OR nanomaterials OR Autotransplantation OR Autotransplantations OR Autografting OR Autograftings OR Autologous OR Autograft OR Autotransplants OR Autotransplant 48127
- #21 #15 OR #16 OR #17 OR #18 OR #19 OR #20 51642
- #22 MeSH descriptor: [Acellular Dermis] explode all trees 61
- #23 MeSH descriptor: [Tissue Expansion Devices] explode all trees 26
- #24 acellular OR dermal OR peritoneal 9848
- #25 #22 OR #23 OR #24 9869
- #26 matrices OR matrix 7748
- #27 #25 AND #26 521
- #28 #27 OR #21 51994
- #29 MeSH descriptor: [Surgical Flaps] explode all trees 1292
- #30 MeSH descriptor: [Tissue Transplantation] explode all trees 4263
- #31 ((flap OR flaps) AND (surgical OR surgery)) 3793
- #32 #28 OR #29 OR #30 OR #31 58118
- #33 #32 AND #3 718

**CINAHL**

(Mastectomy OR Mammectomies OR Mastectomies OR Mammectomy)

AND

(mammaplasty OR mammoplasty OR Mammoplasties OR Mammoplasties OR ((breast\* OR mammar\*) AND (implant OR implants OR Reconstruction\* OR prosth\*)) OR Silicone OR silicones OR saline OR “gummy bear” OR nanomaterials OR Autotransplantation OR Autotransplantations OR Autografting OR Autograftings OR Autologous OR Autograft OR Autotransplants OR Autotransplant OR ((acellular OR dermal OR peritoneal) AND (matrices OR matrix)) OR ((flap OR flaps) AND (surgical OR surgery)))