

Appendix S1. Search strategies

MEDLINE

1. vitiligo[TIAB] 5637
2. "Vitiligo"[Mesh] 4439
3. 1 OR 2 6173
4. (fractional[TIAB] OR "carbon dioxide"[TIAB] OR CO2[TIAB] OR Gas[TIAB]) AND (laser[TIAB] OR Lasers[TIAB]) 15546
5. "Lasers, Gas"[Mesh] 1621
6. 4 OR 5 16151
7. 3 AND 6 45

EMBASE

1. vitiligo:ab,ti 7638
2. "vitiligo"/exp 9504
3. 1 OR 2 10272
4. fractional:ab,ti OR "carbon dioxide":ab,ti OR co2:ab,ti OR gas:ab,ti AND (laser:ab,ti OR lasers:ab,ti) 11249
5. "gas laser"/de OR "carbon dioxide laser"/exp 8361
6. 4 OR 5 16616
7. 3 AND 6 90

COCHRANE

1. vitiligo:ti,ab,kw 476
2. MeSH descriptor: [Vitiligo] explode all trees 194
3. 1 OR 2 476
4. (fractional OR "carbon dioxide" OR CO2 OR Gas) and (laser OR Lasers):ti,ab,kw 894
5. MeSH descriptor: [Lasers, Gas] explode all trees 142
6. 4 OR 5 894
7. 3 AND 6 16

SCOPUS

1. TITLE-ABS (vitiligo) 7076
2. INDEXTERMS (vitiligo) 8059
3. 1 OR 2 9680
4. TITLE-ABS ((fractional OR "carbon dioxide" OR co2 OR gas) AND (laser OR lasers)) 94054
5. INDEXTERMS ("Lasers, Gas") 7111
6. 4 OR 5 97789
7. 3 AND 6 52

Web of Science

1. TOPIC: (vitiligo) AND TITLE: (vitiligo) 4238
2. TOPIC: ((fractional OR "carbon dioxide" OR CO2 OR Gas) AND (laser OR Lasers)) AND TITLE: ((fractional OR "carbon dioxide" OR CO2 OR Gas) AND (laser OR Lasers)) 20185
3. 1 AND 2 19

MEDLINE 45

EMBASE 90

COCHRANE 16

SCOPUS 52

Web of Science 19

Total 222

Duplicates 87

Final 135