

## Appendix S1

### Complete search strategy for the used databases

#### PubMed/MEDLINE

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stigma[MeSH] OR stigma*[All fields] OR “negative image”[All fields] OR “negative images”[All fields] OR self-stigma[All fields] OR self-stereotyp*[All fields] OR internali*[All fields] OR self-esteem[All fields] OR self-isolation[All fields]</p> <p>OR self-image[All fields] OR self-devaluation[All fields] OR “body image”[All fields] OR “body dissatisfaction”[All fields] OR “body sham”*[All fields]</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AND</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>“intervention”[All fields] OR “interventions”[All fields] OR “interventive”[All fields] OR “interventional”[All fields] OR information provision[All fields] OR information dissemination[MeSH] OR “information dissemination”[All fields] OR “informational approach”[All fields] OR advertising[MeSH] OR advertis*[All fields] OR information literacy[MeSH] OR “information literacy”[All fields] OR health literacy[MeSH] OR “health literacy”[All fields] OR teaching[MeSH] OR teaching[All fields] OR education[MeSH] OR education[All fields] OR lecture[All fields] OR campaign[All fields] OR national health programs[MeSH] OR national health program*[All fields] OR government programs[MeSH] OR government program*[All fields] OR health promotion[MeSH] OR “health promotion”[All fields] OR pamphlets[MeSH] OR pamphlet*[All fields] OR flyer[All fields] OR brochure*[All fields] OR booklet*[All fields] OR video[MeSH] OR video[All fields] OR resilience, psychological[MeSH] OR resilience[All fields] OR empower*[All fields] OR capacity building[MeSH] OR “capacity building”[All fields] OR coping[MeSH] OR coping [All fields] OR enablement[All fields] OR change belief*[All fields] OR changing belief*[All fields] OR change attitude*[All fields] OR changing attitude*[All fields] OR workshop[All fields] OR “behavioral approach”[All fields] OR “behavioural approach”[All fields] OR “behavioural change”[All fields] OR “behavioural change”[All fields] OR self-help group[MeSH] OR self-help group*[All fields] OR support group*[All fields] OR “individual counseling”[All fields] OR “group counseling”[All fields] OR “individual therapy”[All fields] OR group therapy[MeSH] OR “group therapy”[All fields] OR “individual guidance”[All fields] OR “group guidance”[All fields] OR training session*[All fields] OR cognitive-behavioral program*[All fields] OR cognitive-behavioural program*[All fields] OR cognitive therapy[MeSH] OR “cognitive behavioral therapy”[All fields] OR counter-conditioning[All fields] OR group discussion*[All fields] OR role-play*[All fields] OR stigma reduction[All fields] OR anti-stigma[All fields] OR “acceptance”[All fields] OR “Cognitive Behavioral Therapy”[MeSH]</p> |
| <b>AND</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Skin disease*[All fields] OR skin diseases[MeSH] OR skin problem*[All fields] OR Skin disorder*[All fields] OR skin condition*[All fields] OR dermatological condition*[All fields] OR dermatological problem*[All fields] OR dermatol*[All fields] OR dermatology[MeSH] OR dermatitis[MeSH] OR dermatitis[All fields] OR eczema[MeSH] OR eczema[All fields] OR psoriasis[MeSH] OR psoriasis[All fields] OR lichenoid eruptions[MeSH] OR lichenoid eruption*[All fields] OR pityriasis[MeSH] OR pityriasis[MeSH] OR parapsoriasis[MeSH] OR parapsoriasis[All fields] OR urticaria[MeSH] OR urticaria[All fields] OR erythema[MeSH] OR erythema[All fields] OR Pyoderma gangrenosum[MeSH] OR “pyoderma gangrenosum”[All fields] OR Pemphigus[MeSH] OR Pemphigus[All fields] OR Pemphigoid[MeSH] OR Pemphigoid[All fields] OR lupus vulgaris[MeSH] OR lupus[All fields] OR morphoea[All fields] OR Mucinoses[MeSh] OR Mucinoses[All fields] OR myxedema[MeSH] OR myxedema[All fields] OR ichthyosis[MeSH] OR ichthyosis[All fields] OR albinism[MeSH] OR albinism[All fields] OR</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>nevus[MeSh] naevus[All fields] OR nevus[All fields] OR port-wine stain[MeSH] OR “port-wine stain”[All fields] OR pruritus[MeSH] OR pruritus[All fields] OR prurigo[MeSH] OR prurigo[MeSh] OR Palmoplantar keratoderma[MeSH] OR Palmoplantar keratoderma[All fields] OR Hyperpigmentation[MeSH] OR Hyperpigmentation[All fields] OR Freckles[All fields] OR vitiligo[MeSH] OR vitiligo[All fields] OR alopecia[MeSH] OR alopecia[All fields] OR “hair loss”[All fields] OR hair disorder[MeSH] OR hair disorder*[All fields] OR hair anomalies[All fields] OR Hypertrichosis[MeSH] OR Hypertrichosis[All fields] OR Hirsutism [MeSH] OR Hirsutism[All fields] OR acne[MeSH] OR acne[All fields] OR rosacea[MeSH] OR rosacea[All fields] OR hidradenitis suppurativa[MeSH] OR “hidradenitis suppurativa”[All fields] OR Hyperhidrosis[MeSH] OR Hyperhidrosis[All fields] OR nail plate deformit*[All fields] OR Onycholysis[MeSH] OR Onycholysis[All fields] OR nail disorder[MeSH] OR nail disorder*[All fields] OR “nail anomalies”[All fields] OR “skin atrophy”[All fields] OR Cutis laxa[MeSH] OR “cutis laxa”[All fields] OR Anetoderma[MeSH] OR Anetoderma[All fields] OR Poikiloderma[All fields] OR Keloid[MeSH] OR Keloid[All fields] OR Cicatrix[MeSH] OR scar[All fields] OR Dermatoses[All fields] OR Scleroderma[MeSH] OR “Scleroderma”[All fields] OR Lipedema[MeSH] OR Lipoedema[All fields] OR cellulitis[MeSH] OR cellulitis[All fields] OR cellulite[MeSH] OR cellulite[All fields] OR Purpura[MeSH] OR Purpura[All fields] OR ulcer[MeSH] OR ulcer[All fields] OR ulcers[All fields] OR epidermal cyst[MeSH] OR “epidermal cyst”[All fields] OR skin tag*[All fields] OR keratosis[MeSH] OR keratosis[All fields] OR radiodermatitis[MeSH] OR radiodermatitis[All fields] OR melanoma[MeSH] OR melanoma[All fields] OR skin neoplasms[MeSH] OR skin cancer[MeSH] OR “skin cancer”[All fields] OR abscess[MeSH] OR abscess[All fields] OR scabies[MeSH] OR scabies[All fields] OR ectodermal dysplasia[MeSH] OR ectodermal dysplasia[All fields] OR</p> <p>leprosy[MeSH] OR leprosy[All fields] OR warts[MeSH] OR warts[All fields] OR wounds[MeSH] OR wounds[All fields] OR lupus[MeSH] OR lupus[All fields] OR “birth mark”[All fields] OR burns[MeSH] OR burns[All fields] OR Pigmentation disorders[MeSH] OR Pigmentation disorder*[All fields] OR Seborrhea[MeSH] OR Seborrhea[All fields] OR exanthema[MeSH] OR exanthema[All fields]</p> |
| <b>NOT breast*</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## EMBASE

### Stigma

1. (stigma\* or negative image\* or self-stigma or internal\* or self-stereotyp\* or self-esteem or self-isolation or self-image or self-devaluation or body image or body dissatisfaction or body sham\*).ti,ab.
2. stigma/
3. stereotypy/
4. internalization/
5. **or/1-4**

### Intervention

6. (intervention\* or information provision or information dissemination or informational approach or advertis\* or information literacy or health literacy or teaching or education or lecture or campaign or national health program\* or government program\* or health promotion or pamphlet\* or flyer or brochure\* or booklet\* or video).ti,ab.
7. Information dissemination/
8. Advertising/
9. information literacy/
10. health literacy/
11. teaching/
12. education/
13. health promotion/
14. **or/6-13**
  
15. (resilience or empower\* or capacity building or coping or acceptance or enablement or change belief\* or changing belief\* or change attitude\* or changing attitude\* or workshop).ti,ab.
16. psychological resilience/
17. empowerment/
18. capacity building/
19. coping behavior/
20. workshop/
21. **or/15-20**
  
22. (behavioral approach or behavioral change or self-help group\* or support group\* or individual counseling or group counseling or individual therapy or group therapy or individual guidance or group guidance or training session\* or cognitive-behavioral program\* or counter-conditioning or cognitive therapy or cognitive behavioral therapy).ti,ab.
23. behavior change/
24. self help/
25. support group/
26. patient counseling/
27. group therapy/
28. **or/22-27**
  
29. (group discussion\* or role-play\* or stigma reduction or anti-stigma).ti,ab.
30. Social support/
31. Role playing/
32. Community participation/
33. **Or/29-32**
  
34. **14 or 21 or 28 or 33**

### Skin diseases

35. (Skin disease\* or skin problem\* OR Skin disorder\* OR skin condition\* OR dermatological condition\* OR dermatological problem\* OR dermatol\*).ti,ab.
36. Skin disease/
37. Dermatology/
38. or/35-37
39. (dermatitis or eczema or psoriasis or lichenoid eruption\* or pityriasis or parapsoriasis or urticaria or erythema or pyoderma gangrenosum or pemphigus or pemphigoid or lupus or morphoea or mucinoses or myxedema or ichthyosis or albinism or naevus OR nevus or port-wine stain or pruritus or prurigo or palmoplantar keratoderma or hyperpigmentation or freckles or vitiligo or alopecia or hair loss or hair disorder\* or hair anomalies or hypertrichosis or hirsutism or acne or rosacea or hidradenitis suppurativa or hyperhidrosis or nail plate deformit\* or onycholysis or nail disorder\* or nail anomalies or skin atrophy or cutis laxa or anetoderma or poikiloderma or keloid or scar or dermatoses or scleroderma or lipoedema or cellulite or cellulitis or Purpura or Ulcer or Epidermal Cyst or skin tags or keratosis or radiodermatitis or skin cancer or melanoma or abscess or scabies or ectodermal dysplasia).ti,ab.
40. Dermatitis/
41. Eczema/
42. Psoriasis/
43. Lichenoid Eruption/
44. Pityriasis/
45. Parapsoriasis/
46. Urticaria/
47. Erythema/
48. Pyoderma gangrenosum/
49. Pemphigus/
50. or/39-49
51. Pemphigoid/
52. Lupus vulgaris/
53. Morphoea/
54. Mucinoses/
55. Myxedema/
56. Ichthyosis/
57. Albinism/
58. Nevus/
59. Pruritus/
60. Prurigo/
61. Palmoplantar keratoderma/
62. or/51-61
63. Hyperpigmentation/
64. Vitiligo/
65. Alopecia/
66. hair loss/
67. hair disease/
68. Hypertrichosis/
69. Hirsutism/
70. Acne/
71. Rosacea/
72. hidradenitis suppurativa/
73. Hyperhidrosis/
74. Onycholysis/
75. Nail disease/
76. skin atrophy/
77. Cutis laxa/
78. Anetoderma/
79. Or/63-78

80. Poikiloderma/
81. Keloid/
82. Skin scar/
83. Scleroderma/
84. Lipedema/
85. Cellulite/
86. Cellulitis/
87. Purpura/
88. Ulcer/
89. epidermoid cyst/
90. keratosis/
91. skin cancer/
92. melanoma/
93. abscess/
94. scabies/
95. ectodermal dysplasia/
96. or/80-95
  
97. (warts or leprosy or exanthema or seborrhea or birth mark or pigmentation disorder\*).ti,ab.
98. leprosy/
99. rash/
- 100.seborrhea/
- 101.pigment disorder/
- 102.or/97-101
  
103. **38 or 50 or 62 or 79 or 96 or 102**
104. **5 and 34 and 102**
105. **(104) not (breast\*)**
106. **Limit 105 to exclude Pubmed/medline journals**

## Web of Science

(TI=((\*stigma\* OR negative image\* OR self-stigma OR internal\* OR self-stereotyp\* OR self-esteem OR self-isolation OR self-image OR self-devaluation OR body image OR body dissatisfaction OR body sham\*)))

AND

TS=((“skin disease” OR “skin diseases” OR “skin problem” OR “skin problems” OR „skin disorder“ OR „skin disorders“ OR “skin condition” OR “skin conditions” OR “dermatological condition” OR “dermatological conditions” OR “dermatological problem” OR “dermatological problems” OR dermatol\* OR dermatology OR dermatitis OR eczema OR psoriasis OR “lichenoid eruptions” OR “lichenoid eruption” OR pityriasis OR parapsoriasis OR urticarial OR erythema OR “pyoderma gangrenosum” OR pemphigus OR pemphigoid OR “lupus vulgaris” OR lupus OR morphoea OR mucinosis OR myxedema OR ichthyosis OR albinism OR naevus OR nevus OR “port-wine stain” OR pruritus OR prurigo OR “palmoplantar keratoderma” OR hyperpigmentation OR freckles OR vitiligo OR alopecia OR “hair loss” OR “hair disorder” OR “hair disorders” OR “hair anomalies” OR hypertrichosis OR hirsutism OR acne OR rosacea OR “hidradenitis suppurativa” OR hyperhidrosis OR “nail plate deformity” OR “nail plate deformities” OR onycholysis OR “nail disorder” OR “nail disorders” OR “nail anomalies” OR “skin atrophy” OR “cutis laxa” OR anetoderma OR poikiloderma OR keloid OR cicatrix OR scar OR dermatoses OR scleroderma OR lipedema OR lipoedema OR cellulitis OR cellulite OR purpura OR ulcer OR ulcers OR “epidermal cyst” OR “skin tag” OR keratosis OR radiodermatitis OR melanoma OR “skin neoplasms” OR “skin cancer” OR abscess OR scabies OR “ectodermal dysplasia” OR leprosy OR warts OR wounds OR “birth mark” OR burns OR “pigmentation disorders” OR “pigmentation disorder” OR seborrhea OR exanthema))

AND

TS=((intervention OR information provision OR information dissemination OR “information dissemination” OR informational approach OR advertising OR advertis\* OR “information literacy” OR “health literacy” OR teaching OR training OR education OR lecture OR campaign OR national health program\* OR workshop OR government program\* OR health promotion OR pamphlet\* OR flyer OR brochure\* OR booklet\* OR video OR resilience OR empower\* OR “capacity building” OR coping OR “acceptance” OR enablement OR change belief\* OR changing belief\* OR change attitude\* OR changing attitude\* OR “stigma reduction” OR anti-stigma OR “behavioral approach” OR “behavioural approach” OR “behavioral change” OR “behavioural change” OR “self-help group” OR self-help group\* OR support group\* OR “individual counseling” OR “group counseling” OR therapy OR “group therapy” OR “individual guidance” OR “group guidance” OR training session\* OR cognitive-behavioral program\* OR cognitive-behavioural program\* OR “cognitive therapy” OR counter-conditioning OR face-to-face conversation\* OR group discussion\* OR role-play\* OR “community participation” OR “cognitive behavioral therapy” OR “cognitive behavioural therapy”)))

NOT

TI=(breast\*)

## PsycInfo

((\*stigma\* OR negative image\* OR self-stigma OR internal\* OR self-stereotyp\* OR self-esteem OR self-isolation OR self-image OR self-devaluation OR body image OR body dissatisfaction OR body sham\*))

AND

((skin disease OR skin diseases OR skin problem OR skin problems OR skin disorder OR skin disorders OR skin condition OR skin conditions OR dermatological condition OR dermatological conditions OR dermatological problem OR dermatological problems OR dermatol\* OR dermatology OR dermatitis OR eczema OR psoriasis OR lichenoid eruptions OR lichenoid eruption OR pityriasis OR parapsoriasis OR urticarial OR erythema OR pyoderma gangrenosum OR pemphigus OR pemphigoid OR lupus vulgaris OR lupus OR morphoea OR mucinoses OR myxedema OR ichthyosis OR albinism OR naevus OR nevus OR port-wine stain OR pruritus OR prurigo OR palmoplantar keratoderma OR hyperpigmentation OR freckles OR vitiligo OR alopecia OR hair loss OR hair disorder OR hair disorders OR hair anomalies OR hypertrichosis OR hirsutism OR acne OR rosacea OR hidradenitis suppurativa OR hyperhidrosis OR nail plate deformity OR nail plate deformities OR onycholysis OR nail disorder OR nail disorders OR nail anomalies OR skin atrophy OR cutis laxa OR anetoderma OR poikiloderma OR keloid OR cicatrix OR scar OR dermatoses OR scleroderma OR lipedema OR lipoedema OR cellulitis OR cellulite OR purpura OR ulcer OR ulcers OR epidermal cyst OR skin tag OR keratosis OR radiodermatitis OR melanoma OR skin neoplasms OR skin cancer OR abscess OR scabies OR ectodermal dysplasia OR leprosy OR warts OR wounds OR birth mark OR burns OR pigmentation disorders OR pigmentation disorder OR seborrhea OR exanthema))

AND

((intervention OR information provision OR information dissemination OR information dissemination OR informational approach OR advertising OR advertis\* OR information literacy OR health literacy OR teaching OR training OR education OR lecture OR campaign OR national health program\* OR workshop OR government program\* OR health promotion OR pamphlet\* OR flyer OR brochure\* OR booklet\* OR video OR resilience OR empower\* OR capacity building OR coping OR acceptance OR enablement OR change belief\* OR changing belief\* OR change attitude\* OR changing attitude\* OR stigma reduction OR anti-stigma OR behavioral approach OR behavioural approach OR behavioral change OR behavioural change OR self-help group OR self-help group\* OR support group\* OR individual counseling OR group counseling OR therapy OR group therapy OR individual guidance OR group guidance OR training session\* OR cognitive-behavioral program\* OR cognitive-behavioural program\* OR cognitive therapy OR counter-conditioning OR face-to-face conversation\* OR group discussion\* OR role-play\* OR community participation OR cognitive behavioral therapy OR cognitive behavioural therapy))

NOT

(breast\*)