

Table SI. Medline and Embase database search strategies

MEDLINE	
#1	((Patient education[tiab] OR Health education[tiab] OR psychoeducation*[tiab] OR educational program*[tiab] OR Educational intervention*[tiab] OR Web education[tiab] OR patient instruction[tiab] OR patient teaching[tiab] OR Patient education as Topic[Mesh] OR Education, distance[Mesh] OR Models, educational[Mesh] OR Health education[Mesh:noexp] OR Self Care*[Mesh] OR (education[subheading] AND patient))
#2	("Skin Diseases"[Mesh:noexp] OR "acne vulgaris"[Mesh terms] OR "Lichen Sclerosus et Atrophicus"[Mesh] OR "Pemphigoid, Bullous"[MeSH Terms] OR "pemphigus"[Mesh terms] OR "lupus erythematosus, discoid"[MeSH Terms] OR "dermatitis, atopic"[MeSH Terms] OR "eczema"[MeSH Terms] OR "keloid"[Mesh Terms] OR "neurodermatitis"[MeSH Terms] OR "dermatitis, seborrheic"[MeSH Terms] OR "rosacea"[MeSH Terms] OR "pityriasis lichenoides"[MeSH Terms] OR "pityriasis rubra pilaris"[MeSH Terms] OR "Psoriasis"[Mesh:noexp] OR "vitiligo"[MeSH Terms] OR skin disease*[tiab] OR skin disorder*[tiab] OR skin lesion[tiab] OR cutaneous disease*[tiab] OR cutaneous disorder*[tiab] OR dermal disease*[tiab] OR dermal disorder*[tiab] OR acne[tiab] OR dermatosis[tiab] OR dermatoses[tiab] OR lichen[tiab] OR pemphigoid[tiab] OR pemphigus[tiab] OR lupus erythematosus[tiab] OR atopic dermatitis[tiab] OR neurodermatitis[tiab] OR Eczema[tiab] OR Eczematous Dermatitis[tiab] OR seborrheic dermatitis[tiab] OR rosacea[tiab] OR Habermann's Disease[tiab] OR pityriasi*[tiab] OR psoriasis[tiab] OR vitiligo[tiab] OR chronic urticaria[tiab]))
#3	((Clinical Trial[pt] OR Clinical Trial, Phase I[pt] OR Clinical Trial, Phase II[pt] OR Clinical Trial, Phase III[pt] OR Clinical Trial, Phase IV[pt] OR Controlled Clinical Trial[pt] OR Multicenter Study[pt] OR Randomized Controlled Trial[pt] OR randomized[tiab] OR randomised[tiab] OR placebo[tiab] OR randomly[tiab] OR trial[ti]) NOT (animals[mh] NOT humans[mh]))
#4	#1 AND #2 AND #3
EMBASE	
1.	skin disease/ or lichen sclerosus et atrophicus/ or bullous pemphigoid/ or pemphigus vulgaris/ or discoid lupus erythematosus/ or atopic dermatitis/ or chronic granulomatous disease/ or eczema/ or hand eczema/ or neurodermatitis/ or seborrheic dermatitis/ or skin allergy/ or rosacea/ or pityriasis lichenoides/ or pityriasis rubra pilaris/ or psoriasis/ or pustular psoriasis/ or vitiligo/ or chronic urticaria/
2.	(Acne or dermatosis#s or lichen or pemphig* or cutaneous lupus or atopic dermatiti* or neurodermatiti* or Eczema* or seborrheic dermatiti* or rosacea* or (Habermann* adj Disease) or pityriasi* or psoriasis or vitiligo or chronic urticaria).tw.
3.	((skin or cutaneous or derm*) adj1 (disease*1 or disorder*1 or lesion*1 or laesion*1 or manifestation*).tw.
4.	or/1-3
5.	exp Patient education/ or exp Education, distance/ or exp Models, educational/ or Health education/ or exp Self Care/ or psychoeducation/ or educational model/ or education program/ or parenting education/
6.	((Patient* adj2 education) or Health education or psychoeducation* or educational program* or Educational intervention* or (Web adj5 education) or patient instruction or patient* teaching).tw.
7.	or/5-6
8.	4 and 7
9.	crossover-procedure/ or double-blind procedure/ or randomized controlled trial/ or single-blind procedure/ or controlled clinical trial/ or randomization/ or placebo/
10.	(random\$ or factorial\$ or crossover\$ or cross over\$ or placebo\$ or (doubl\$ adj blind\$) or (singl\$ adj blind\$) or assign\$ or allocat\$ or volunteer\$).tw.
11.	((controlled adj (trial or study)) or (controlled adj clinical adj (trial or study))).tw.
12.	or/9-11
13.	8 and 12