

Cinahl via EBSCO 6 August 2013 –updated search Leg Ulcers: Interventions		
	Search terms	Items found
Population: elderly		
1.	(MH "Aged" OR MH "Aged, 80 and Over" OR MH "Aged, Hospitalized" OR MH "Frail Elderly" OR MH "Geriatrics" OR MH "Aging") OR (TI "older patient*" OR "older adult*" OR "older people" OR geriatric OR elderly OR elders OR senior OR seniors) OR (TX "In old age")	341680
Population: persons with leg ulcers		
2.	(MH "Leg Ulcer") OR (MH "Venous Ulcer") OR (MH "Pyoderma Gangrenosum") OR (TI "Leg Ulcer" OR "lower extremity ulcer*" OR "vascular ulcer*" OR "venous ulcer*" OR "arterial ulcer*" OR "lower extremity arterial ulcer*" OR "arterial insufficiency ulcer*" OR "atrophie blanche")	3686
Intervention: wound cleansing (cleansing, debridement, mechanical cleansing, larvae therapy, hydrosurgery)		
3.	MH "Water Therapeutic Use" OR MH "Normal Saline Therapeutic Use" OR MH "Irrigation" OR MH "Debridement" OR MH "Cleaning Compounds" OR MH "Larval Therapy" OR MH "Hydrotherapy" OR (TX "saline spray" OR "wound cleansing" OR "cleansing solution*" OR "cleansing technique*" OR debride* OR "larval therapy" OR maggots OR larvae OR Hydrosurgery OR "hydro-surgical cleansing" OR "hydro-debridement" OR Versajet OR FluidJet OR hydroscalpel OR "monofilament")	8348
Intervention: Antimicrobial Dressings (silver, iodine, honey, PHMB, antibiotics, antiseptics)		
4.	MH "Antimicrobial Dressings" OR MH "Silver Compounds" OR MH "Silver Therapeutic Use" OR MH "Ionic Silver Dressings" OR MH "Iodine" OR MH "Povidone-Iodine" OR MH "Iodine Compounds" OR MH "Honey Therapeutic Use" OR MH "Antiinfective Agents, Local" OR ((TX silver OR "silver-based dressing*" OR iodine OR Cadexomer OR honey OR "polyhexamethylene biguanide" OR PHMB OR antibiotic* OR antiseptic*) AND (TI topical OR dressing OR bandage* OR local) OR TX "topical antimicrobial")	6248
Intervention: dressings		
5.	(MH "Biological Dressings") OR (MH "Composite Dressings") OR (MH "Foam Dressings") OR (MH "Gauze Dressings") OR (MH "Hydrofiber Dressings") OR (MH "Hydrogel Dressings") OR (MH "Occlusive Dressings") OR (MH "Bandages and Dressings") OR (TX dressing OR dressings OR Hydrofibre* OR Hydrocolloid* OR "Foam dressing*" OR "Polyurethane foam" OR Alginate* OR hydrogel OR hydrogel OR glycerine OR xelma OR "Matrix Metalloproteases" OR Promogran)	24971
Intervention: Hyperbaric Oxygenation		
6.	(MH "Hyperbaric Oxygenation") OR (MH "Oxygen Therapy") OR (TX "hyperbaric oxygenation" OR "hyperbaric oxygen" OR "HBO therapy" OR "Oxygen therapy" OR "Topical oxygen")	4773
Intervention: Compression therapy		
7.	(MH "Compression Therapy") OR (MH "Compression Garments") OR (TI Compression) OR (AB "compression treatment" OR "compression therapy" OR "Intermittent pneumatic compression" OR "intermittent mechanical compression" OR "Unna's boot" OR "intermittent compression devices" OR "compression bandage" OR "single-layer bandage" OR "two-layer bandage" OR "four-layer bandage" OR "multilayer bandage" OR "bandaging system" OR "Adhesive elastic bandage" OR "continuing compression")	4312
Intervention: Negative Pressure Wound Therapy		
8.	(MH "Negative Pressure Wound Therapy") OR (TX "negative pressure" OR "vacuum therapy" OR "subatmospheric pressure therapy" OR "Vacuum assisted wound closure" OR "subatmospheric pressure" OR "atmospheric pressure" OR NPWT OR TNP OR "topical negative pressure")	3215
Intervention: Growth Factors		
9.	MH "Growth Substances" OR MH "Epidermal Growth Factors" OR MH "Platelet-Derived Growth Factor" OR MH "Fibroblasts" OR (TX "growth factor*" OR "Growth Substance*" OR "Granulocyte-Macrophage Colony-Stimulating Factor" OR "Endothelial Growth Factor*" OR fibroblast OR "Hematopoietic Cell" OR "matrix replacement" OR hyalofil* OR collagen* OR emdogain OR "hyaluronic acid" OR "metalloproteinase inhibitor*" OR "tissue enzym*" OR timp* OR promogran* OR "tissue inhibitor*" OR metalloproteinase* OR angiogenesis OR "gene therap*" OR "vascular endothelial growth factor*" OR VEGF OR GCSF OR "granulocyte colony stimulating factor*")	31796
Intervention: Stem Cells		
10.	MH "Stem Cells" OR (TI "stem cell*")	6242

Intervention: Skin Transplantation (bioengineering of the skin and skin graft, bioengineered skin)		
11.	MH "Skin Transplantation" OR MH "Skin, Artificial" OR MH "Tissue Engineering" OR (TX "bioengineered skin" OR "tissue-engineering skin" OR "human-tissue graft*" OR "human-skin device" OR "living-skin equivalent" OR "Skin graft*" OR graftskin OR "Pinch graft*" OR "skin substitute*" OR " skin equivalent" OR "bilayered living human skin" OR Dermagraft OR Apligraf OR Tendra OR "Skin transplant" OR " Skin autografting" OR STSG)	2781
Intervention: Techniques (electric stimulation, ultrasound, laser, shock wave, monochromatic light)		
12.	MH "Electric Stimulation" OR MH "Electrical Stimulation, Functional" OR MH "Infrared Therapy" OR MH "Ultrasonic Therapy" OR MH "Lasers Therapeutic Use" OR MH "Phototherapy" OR (TX "Electrical stimulation" OR infrared OR "Therapeutic ultrasound" OR "laser" OR biolight OR "Shock wave*" OR shockwave* OR "bio-electric stimulation" OR "Monochromatic")	22233
Intervention: Surgical Treatment		
13.	MH "Pressure Ulcer Surgery" OR MH "Surgical Flaps" OR MH "Surgery, Podiatric" OR MH "Surgical Mesh" OR (MH "Leg Ulcer/SU") OR (MH "Venous Ulcer/SU") OR (MH "Pyoderma Gangrenosum/SU") OR (MH "Venous Insufficiency/SU") OR (MH "Saphenous Vein/SU") OR (MH "Varicose Veins/SU") OR (MH "Veins/SU") OR (TX "mesh graft*" OR "Functional reconstruction" OR "Plastic surgery" OR "surgical debridement" OR "Subfascial endoscopic perforating vein surgery" OR SEPS OR "Functional reconstruction" OR "Plastic surgery" OR "surgical procedures" OR "foam sclerotherapy" OR sclerocompression OR "venous surgery" OR "endovenous laser*" OR "endovenous technique*" OR "Endovenous therap*" OR "laser ablation" OR Radiofrequency OR excision OR "shave therapy") OR (TI Surgical OR Surgery)	174093
Intervention: Systemic treatment		
14.	MH "Platelet Aggregation Inhibitors+" OR MH "Antibiotics+" OR MH "Pentoxifylline" OR (TX Pentoxifylline OR "Anti-Bacterial Agents" OR antibiotic*)	43630
Combined sets		
15.	3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14	294,500
16.	1 AND 2 AND (MH "Systematic Review" OR TI "systematic review")	5
17.	1 AND 2 AND 15 AND (MH "Prospective Studies" OR MH "Concurrent Prospective Studies" OR MH "Program Evaluation" OR MH "Random Assignment" OR MH "Quasi-Experimental Studies" OR MH "Control Group" OR MH "Multicenter Studies" OR MH "Concurrent Prospective Studies" OR MH "Comparative Studies" OR MH "Clinical Trials+" OR MH "Nonrandomized Trials" OR ZT "clinical trial" or ZT "randomized controlled trial" OR MH "Nonexperimental Studies+") Limiters - Published Date: 19870101-	234

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the □database's searchable fields

ZC = Methodology Index

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

Cinahl via EBSCO 8 August 2013 –updated search Leg Ulcers: prevention		
	Search terms	Items found
Population: elderly		
1.	(MH "Aged" OR MH "Aged, 80 and Over" OR MH "Aged, Hospitalized" OR MH "Frail Elderly" OR MH "Geriatrics" OR MH "Aging") OR (TI "older patient*" OR "older adult*" OR "older people" OR geriatric OR elderly OR elders OR senior OR seniors) OR (TX "In old age")	341,680
Population: persons with leg ulcers		
2.	(MH "Leg Ulcer") OR (MH "Venous Ulcer") OR (MH "Pyoderma Gangrenosum") OR (TI "Leg Ulcer" OR "lower extremity ulcer*" OR "vascular ulcer*" OR "venous ulcer*" OR "arterial ulcer*" OR "lower extremity arterial ulcer*" OR "arterial insufficiency ulcer*" OR "atrophie blanche")	3,686
Intervention: education		
3.	(MH "Education") OR (MH "Patient Education") OR (MH "Vocational Education") OR (MH "Vocational Guidance") OR (MH "Education, Continuing") OR (MH "Learning Environment, Clinical") OR (MH "Learning Laboratories") OR (MH "Staff Development") OR (MH "Staff Development") OR (MH "Medical Staff, Hospital/ED/OG") OR (MH "Nursing Staff, Hospital/ED/OG") OR (MH "Medical Staff/ED/OG") OR (MH "Hospitalists/ED/OG") OR (MH "Staff Nurses/ED/OG") OR (MH "Health Personnel/ED/OG") OR (MH "Caregivers/ED") OR (MH "Caregiver Support") OR MH "Leg Ulcer Education" OR MH "Community Health Nursing Education" OR (MH "Venous Ulcer/ED/OG") OR (MH "Leg Ulcer/ED/OG") OR MH "Patient Centered Care" OR ((TI Education*) AND (TI nurse OR nurses OR "nursing assistant" OR staff OR "health care assistant" OR family OR patient OR client OR caregiver))	97,328
Intervention: preventive interventions (compression)		
4.	(MH "Leg Ulcer/PC") OR (MH "Venous Ulcer/PC") OR (MH "Compression Therapy") OR (MH "Compression Garments") OR (TI Compression) OR (AB "compression treatment" OR "compression therapy" OR "Intermittent pneumatic compression" OR "support stockings")	4,374
Study types		
5.	(MH "Prospective Studies" OR MH "Concurrent Prospective Studies" OR MH "Program Evaluation" OR MH "Random Assignment" OR MH "Quasi-Experimental Studies" OR MH "Control Group" OR MH "Multicenter Studies" OR MH "Concurrent Prospective Studies" OR MH "Comparative Studies" OR MH "Clinical Trials+" OR MH "Nonrandomized Trials" OR ZT "clinical trial" or ZT "randomized controlled trial" OR MH "Nonexperimental Studies+")	402,255
Combined sets		
6.	3 OR 4	101,485
7.	1 AND 2 AND 5 AND 6	91
8.	7 AND Limiters - Published Date: 19870101-; Language: Danish, English, Norwegian, Swedish	86

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the □database's searchable fields

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Cochrane Library via Wiley 7 August 2013 (CDSR, DARE & CENTRAL)		
Leg Ulcers: Interventions		
	Search terms	Items found
Population: elderly		
1.	"Aged"[Mesh:NoExp] OR "Aged, 80 and over"[Mesh] OR "Frail Elderly"[Mesh] OR "Homes for the Aged"[MeSH]	1056
Population: persons with leg ulcers		
2.	Leg Ulcer[MeSH:NoExp] OR "Varicose Ulcer"[Mesh] OR "Pyoderma Gangrenosum"[Mesh] OR "leg ulcer":ti,ab,kw	1215
Combined sets		
3.	1 AND 2	CDSR/0 DARE/0 Central/2 HTA/0

The search result, usually found at the end of the documentation, forms the list of abstracts

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, "trials"

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, "other reviews"

EED = Economic Evaluations

HTA = Health Technology Assessments

Embase via Embase.com 6 August 2013 Leg Ulcers: Interventions		
	Search terms	Items found
Population: elderly		
1.	'aged'/de OR 'aged hospital patient'/de OR 'frail elderly'/de OR 'very elderly'/de OR 'geriatric patient'/de	1,394,235
Population: persons with slow-healing wounds on the legs		
2.	'leg ulcer'/exp OR "leg ulcer":ti OR "lower extremity ulcer":ti OR "vascular ulcer":ti OR "venous ulcer":ti OR "arterial ulcer":ti OR "lower extremity arterial ulcer":ti OR "arterial insufficiency ulcer":ti OR "atrophie blanche":ti	7,639
Intervention: wound cleansing (cleansing, debridement, mechanical cleansing, larvae therapy, hydrosurgery)		
3.	'wound irrigation'/de OR 'debridement'/de OR 'maggot therapy'/de OR 'hydrotherapy'/de	21,475
Intervention: Antimicrobial Dressings (silver, iodine, honey, PHMB, antibiotics, antiseptics)		
4.	topical antiinfective agent'/de OR 'biguanide derivative'/dd_tp OR 'honey'/de OR 'sulfadiazine silver'/dd_tp OR 'silver'/dd_tp OR 'silver nanoparticle'/dd_tp OR 'povidone iodine'/dd_tp OR 'antiinfective agent'/dd_tp OR 'antibiotic agent'/dd_tp OR ('wound dressing'/de OR 'antibiotic agent'/de OR 'biguanide derivative'/de OR 'honey'/de OR 'silver'/exp OR 'cadexomer iodine'/de OR 'iodine'/de AND 'topical drug administration'/de) OR iodine:ti OR honey:ti OR silver:ti OR 'polyhexamethylene biguanide':ti OR antiinfective:ti OR antiseptic*:ti	34,223
Intervention: bandages/dressings		
5.	'bandages and dressings'/exp/de OR 'polyurethan'/de OR 'extracellular matrix'/de OR 'amelogenin'/de OR 'glycerol'/exp OR Hydrofibre*:ti:ab OR Hydrocolloid*:ti:ab OR "Foam dressing":ti:ab OR "Polyurethane foam":ti:ab OR Alginate*:ti:ab OR hydrogel:ti:ab OR hydrogels:ti:ab OR glycerine:ti OR xelma:ti:ab OR "Matrix Metalloproteases":ti:ab OR Promogran:ti:ab	124,750
Intervention: Hyperbaric Oxygenation		
6.	'hyperbaric oxygen'/de OR "hyperbaric oxygenation":ti:ab OR "hyperbaric oxygen":ti:ab OR "HBO therapy":ti:ab OR "Oxygen therapy":ti:ab OR "Topical oxygen":ti:ab	12,900
Intervention: Compression therapy		
7.	'compression bandage'/exp OR 'intermittent pneumatic compression device'/exp OR 'leg compression'/exp OR 'compression garment'/exp OR 'compression therapy'/de OR compression:ti OR 'compression treatment':ab,ti OR 'compression therapy':ab,ti OR 'intermittent pneumatic compression':ab,ti OR 'intermittent mechanical compression':ab,ti OR 'unna's boot':ab,ti OR 'intermittent compression devices':ab,ti OR 'compression bandage':ab,ti OR 'single layer bandage':ab,ti OR 'two-layer bandage':ab,ti OR 'four layer bandage':ab,ti OR 'multilayer bandage':ab,ti OR 'bandaging system':ab,ti OR 'adhesive elastic bandage':ab,ti OR 'continuing compression':ab,ti	23,479
Intervention: Negative Pressure Wound Therapy		
8.	'vacuum assisted closure'/de OR "negative pressure":ti OR "vacuum therapy":ti OR "subatmospheric pressure therapy":ti OR "Vacuum assisted wound closure":ti OR "subatmospheric pressure":ti OR "atmospheric pressure":ti OR NPWT:ti OR TNP:ti OR "topical negative pressure":ti	4,998
Intervention: Growth Factors		
9.	'growth factor'/exp OR 'granulocyte macrophage colony stimulating factor'/exp OR 'fibroblast'/exp OR 'endothelial cell growth factor'/exp OR 'collagen'/de OR 'matrix metalloproteinase inhibitor'/exp	502,143
Intervention: Stem Cells		
10.	'stem cell'/exp OR 'stem cell':ti	171,136
Intervention: Skin Transplantation (bioengineering of the skin and skin graft, bioengineered skin)		
11.	'free skin graft'/exp OR 'skin transplantation'/exp OR 'tissue engineering'/exp OR 'artificial skin'/exp	53,044
Intervention: Techniques (electric stimulation, ultrasound, laser, shock wave, monochromatic light)		
12.	'electrostimulation therapy'/de OR 'hyperthermic therapy'/exp OR 'ultrasound'/exp OR 'extracorporeal lithotripsy'/exp OR 'phototherapy'/de OR 'electrical stimulation':ti OR infrared:ti OR 'infra red':ti OR 'shock wave':ti OR shockwave*:ti OR 'monochromatic phototherapy':ti OR 'monochromatic pulsating light':ti OR 'monochromatic light':ti	135,514
Intervention: Surgical Treatment		
13.	'skin surgery'/exp OR 'plastic surgery'/de OR "mesh graft":ti:ab OR "Functional reconstruction":ti:ab OR "Plastic surgery":ti:ab OR "surgical debridement":ti:ab OR 'leg ulcer'/mj/dm_su OR 'leg varicosis'/mj/dm_su OR 'ablation therapy'/exp OR 'sclerotherapy'/exp OR 'radiofrequency ablation'/exp OR 'vein surgery'/exp OR 'Vascular	814,589

	surgery'/de OR 'endovascular surgery'/exp OR 'endoscopy'/exp OR ('mesh graft':ab,ti OR 'subfascial endoscopic perforating vein surgery':ab,ti OR seps:ab,ti OR 'functional reconstruction':ab,ti OR 'plastic surgery':ab,ti OR 'surgical procedures':ab,ti OR 'foam sclerotherapy':ab,ti OR sclerocompression:ab,ti OR 'venous surgery':ab,ti OR 'endovenous laser':ab,ti OR 'endovenous technique':ab,ti OR 'endovenous therapy':ab,ti OR 'laser ablation':ab,ti OR radiofrequency:ab,ti OR excision:ab,ti OR 'shave therapy':ab,ti OR surgical:ti OR surgery:ti)	
Intervention: Systemic treatment		
14.	'antiinfective agent'/exp OR 'pentoxifylline'/exp OR 'antithrombocytic agent'/exp OR 'antibiotic agent'/exp	1,919,07 2
Combined sets		
15.	3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14	3,407,27 7
16.	1 AND 2 AND 15 AND 'systematic review'/exp	2
17.	1 AND 2 AND 16 AND ('controlled clinical trial'/de OR 'randomized controlled trial'/de OR 'clinical trial'/de OR 'multicenter study'/de OR 'intervention study'/de OR 'longitudinal study'/de OR 'prospective study'/de OR 'comparative study'/de OR 'controlled study'/de OR 'pretest posttest control group design'/de OR 'major clinical study'/de) AND [1-1-1987]/sd AND ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	551

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

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:au = Author

:ti = Article Title

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“ “ = Citation Marks; searches for an exact phrase

Embase via Embase.com 8 August 2013 –updated search Leg Ulcers: prevention		
	Search terms	Items found
Population: elderly		
1.	'aged'/de OR 'aged hospital patient'/de OR 'frail elderly'/de OR 'very elderly'/de OR 'geriatric patient'/de	1,361,817
Population: persons with leg ulcers		
2.	leg ulcer'/exp OR "leg ulcer":ti OR "lower extremity ulcer":ti OR "vascular ulcer":ti OR "venous ulcer":ti OR "arterial ulcer":ti OR "lower extremity arterial ulcer":ti OR "arterial insufficiency ulcer":ti OR "atrophie blanche":ti	6,198
Intervention: education		
3.	'in service training'/exp OR 'medical education'/exp OR 'staff training'/exp OR 'continuing education'/exp OR 'interdisciplinary education'/exp OR 'teamwork'/exp OR 'patient education'/exp OR 'self help'/exp OR 'health education'/de OR 'caregiver support'/exp OR (Education*:ti AND (nurse:ti OR nurses:ti OR "nursing assistant":ti OR staff:ti OR "health care assistant":ti OR family:ti OR patient:ti OR client:ti OR caregiver:ti))	229,589
Intervention: preventive interventions (compression)		
4.	('compression bandage'/exp OR 'protective clothing'/exp OR 'intermittent pneumatic compression device'/exp OR 'leg compression'/exp OR 'compression garment'/exp OR 'compression therapy'/de OR compression:ti OR 'compression treatment':ab,ti OR 'compression therapy':ab,ti OR 'intermittent pneumatic compression':ab,ti OR 'intermittent mechanical compression':ab,ti OR 'unna's boot':ab,ti OR 'intermittent compression devices':ab,ti OR 'compression bandage':ab,ti OR 'single layer bandage':ab,ti OR 'two-layer bandage':ab,ti OR 'four layer bandage':ab,ti OR 'multilayer bandage':ab,ti OR 'bandaging system':ab,ti OR 'adhesive elastic bandage':ab,ti OR 'continuing compression':ab,ti) AND ('prevention'/de OR 'primary prevention'/exp OR 'prophylaxis'/de OR prevention:ti:ab)	2,052
Study types		
5.	('controlled clinical trial'/de OR 'randomized controlled trial'/de OR 'clinical trial'/de OR 'multicenter study'/de OR 'intervention study'/de OR 'longitudinal study'/de OR 'prospective study'/de OR 'comparative study'/de OR 'controlled study'/de OR 'pretest posttest control group design'/de OR 'major clinical study'/de)	5,149,913
Combined sets		
6.	3 OR 4	231,490
7.	1 AND 2 AND 5 AND 6	13
8.	7 AND ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim) AND [embase]/lim) AND [1987-2012]/py	12

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

Pubmed via NLM 7 August 2013 Leg Ulcers: Interventions		
	Search terms	Items found
Population: elderly		
1.	"Aged"[Mesh:NoExp] OR "Aged, 80 and over"[Mesh] OR "Frail Elderly"[Mesh] OR "Homes for the Aged"[MeSH] OR Aged[ti] OR elder[ti] OR elderly[ti] OR elders[ti] OR old[ti] OR older[ti] OR geriatric[ti] OR "65 years"[ti] OR senior[ti] OR seniors[ti] OR ((Aged[tiab] OR elder[tiab] OR elderly[tiab] OR elders[tiab] OR old[tiab] OR older[tiab] OR geriatric[tiab] OR "65 years"[tiab] OR senior[tiab] OR seniors[tiab])) NOT (medline[SB] OR oldmedline[SB])	2406876
Population: persons with leg ulcers		
2.	Leg Ulcer[MeSH:NoExp] OR "Varicose Ulcer"[Mesh] OR "Pyoderma Gangrenosum"[Mesh] OR ((ulcer*[ti] OR "chronic wound*[ti] AND leg*[ti] OR ("leg ulcer*[tiab] OR "lower extremity ulcer*[tiab] OR "vascular ulcer*[tiab] OR "venous ulcer*[tiab] OR "arterial ulcer*[tiab] OR "lower extremity arterial ulcer*[tiab] OR "arterial insufficiency ulcer*[tiab] OR "atrophie blanche" [tiab]) NOT Medline[SB])	12179
Intervention: wound cleansing (cleansing, debridement, mechanical cleansing, larvae therapy, hydrosurgery)		
3.	"Sodium Hypochlorite/therapeutic use"[MeSH Terms] OR "Therapeutic Irrigation/methods"[MeSH:NoExp] OR "saline spray"[tiab] OR "wound cleansing"[tiab] OR "cleansing solution*[tiab] OR "cleansing technique*[tiab] OR Debridement[MeSH] OR debridement[tiab] OR "Larva"[Mesh] OR "larval therapy"[tiab] OR maggot[ti] OR "maggot debridement"[tiab] OR "maggot therapy"[tiab] OR larvae[ti] OR "Hydrotherapy"[MeSH:NoExp] OR Hydrosurgery[tiab] OR "hydro-surgical cleansing"[tiab] OR "hydro-debridement"[tiab] OR Versajet[tiab] OR FluidJet[tiab] OR hydroscaapel[tiab] OR "monofilament fibre"[tiab]	68430
Intervention: Antimicrobial Dressings (silver, iodine, honey, PHMB, antibiotics, antiseptics)		
4.	"Silver/therapeutic use"[MeSH] OR silver[ti] OR silver-based dressing*[tiab] OR "Iodine Compounds/therapeutic use"[Mesh] OR "Iodophors"[Mesh] OR "Povidone-iodine/therapeutic use"[MeSH] OR "cadexomer iodine"[Substance Name] OR iodine[tiab] OR Cadexomer[tiab] OR "iodinated cadexomer"[tiab] OR Honey[MeSH] OR honey[ti] OR "antibacterial honey"[tiab] OR "manuka honey"[tiab] OR "honey dressing"[tiab] OR honey-impregnated dressing*[tiab] OR "therapeutic honey"[tiab] OR Medihoney[tiab] OR "polyhexamethylene biguanide"[Supplementary Concept] OR "polyhexamethylene biguanide"[tiab] OR PHMB[tiab] OR "Anti-Bacterial Agents/therapeutic use"[MeSH] OR antibiotics[tiab] OR "Anti-Infective Agents, Local"[Mesh] OR antiseptics[tiab]	297301
Intervention: bandages/dressings		
5.	"Bandages, Hydrocolloid"[Mesh] OR "Bandages"[Mesh:NoExp] OR "Biological Dressings"[Mesh] OR "Polyurethanes"[Mesh] OR "Alginates/therapeutic use"[MeSH Terms] OR "Extracellular Matrix Proteins/therapeutic use"[MeSH] OR "Amelogenin/therapeutic use"[MeSH] OR "Hydrogels/therapeutic use"[MeSH Terms] OR "Occlusive Dressings"[Mesh] OR "Glycerol"[Mesh:NoExp] OR dressing[tiab] OR dressings[tiab] OR Hydrofibre*[tiab] OR Hydrocolloid*[tiab] OR Foam dressing*[tiab] OR "Polyurethane foam"[tiab] OR Alginate[tiab] OR Alginates[tiab] OR hydrogel[tiab] OR hydrogels[tiab] OR glycerine[tiab] OR xelma[tiab] OR "Matrix Metalloproteases"[tiab] OR Promogran[tiab]	80961
Intervention: Hyperbaric Oxygenation		
6.	"Hyperbaric Oxygenation" [MeSH] OR "Oxygen/therapeutic use"[MeSH] OR "hyperbaric oxygenation"[tiab] OR "hyperbaric oxygen"[tiab] OR "HBO therapy"[tiab] OR "Oxygen therapy" [tiab] OR "Topical oxygen"[tiab]	25021
Intervention: Compression therapy		
7.	"Intermittent Pneumatic Compression Devices"[MeSH] OR "Compression Bandages"[Mesh] OR "Stockings, Compression"[Mesh] OR Compression[ti] OR "compression treatment"[tiab] OR "compression therapy"[tiab] OR "Intermittent pneumatic compression"[tiab] OR "intermittent mechanical compression"[tiab] OR "Unna's boot"[tiab] OR "intermittent compression devices"[tiab] OR "compression bandage"[tiab] OR ("Bandages"[Mesh] AND compress*[tiab]) OR "single-layer bandage"[tiab] OR "two-layer bandage"[tiab] OR "four-layer bandage"[tiab] OR "multilayer bandage"[tiab] OR "bandaging system"[tiab] OR "Adhesive elastic bandage"[tiab] OR "continuing compression"[tiab]	22855
Intervention: Negative Pressure Wound Therapy		
8.	"Negative-Pressure Wound Therapy"[MeSH] OR ("Vacuum"[MeSH Terms] AND "Wound Healing"[MeSH Terms]) OR "negative pressure" [tiab] OR "vacuum therapy" [tiab] OR "subatmospheric pressure therapy" [tiab] OR "Vacuum assisted wound closure"[tiab] OR "subatmospheric pressure"[tiab] OR "atmospheric pressure"[tiab] OR NPWT[tiab] OR	16473

	TNP[tiab] OR "topical negative pressure"[tiab]	
Intervention: Growth Factors		
9.	"Growth Substances"[MeSH] OR "Epidermal Growth Factor/therapeutic use"[MeSH] OR "Platelet-Derived Growth Factor/therapeutic use"[MeSH] OR "Fibroblast Growth Factors/therapeutic use"[MeSH] OR growth factor*[tiab] OR Growth Substance*[tiab] OR "Granulocyte-Macrophage Colony-Stimulating Factor"[tiab] OR Endothelial Growth Factor*[tiab] OR fibroblast[tiab] OR "Hematopoietic Cell"[tiab] OR "matrix replacement"[tiab] OR hyalofil*[tiab] OR collagen*[tiab] OR emdogain[tiab] OR "hyaluronic acid"[tiab] OR metalloproteinase inhibitor*[tiab] OR "tissue enzyme"[tiab] OR timp*[tiab] OR promogran*[tiab] OR tissue inhibitor*[tiab] OR metalloproteinase*[tiab] OR angiogenesis[tiab] OR "gene therapy"[tiab] OR "gene therapies" [tiab] OR vascular endothelial growth factor*[tiab] OR VEGF[tiab] OR GCSF[tiab] OR granulocyte colony stimulating factor*[tiab]	604977
Intervention: Stem Cells		
10.	"Stem Cell Transplantation"[MeSH] OR "Stem Cells"[MeSH] OR "stem cell"[tiab] OR "stem cells"[tiab] OR marrow[tiab]	328233
Intervention: Skin Transplantation (bioengineering of the skin and skin graft, bioengineered skin)		
11.	("Tissue Engineering"[Mesh] AND "Skin"[Mesh]) OR "Skin Transplantation"[Mesh] OR "Skin, Artificial"[MeSH] OR "bioengineered skin"[tiab] OR "tissue-engineering skin"[tiab] OR human-tissue graft*[tiab] OR "human-skin device"[tiab] OR "living-skin equivalent"[tiab] OR Skin graft*[tiab] OR graftskin[tiab] OR Pinch graft*[tiab] OR "skin substitute*" OR "skin equivalent" OR "bilayered living human skin"[tiab] OR Dermagraft[tiab] OR Apligraf [tiab] OR Tendra[tiab] OR "Skin transplant"[tiab] OR "Skin autografting"[tiab] OR STSG[tiab]	38499
Intervention: Techniques (electric stimulation, ultrasound, laser, shock wave, monochromatic light)		
12.	"Electric Stimulation Therapy"[Mesh] OR "Electric Stimulation/methods"[MeSH] OR "Transcutaneous Electric Nerve Stimulation"[Mesh:NoExp] OR "Electric Stimulation"[MeSH] OR Electrical stimulation[tiab] OR "Transcutaneous electrical nerve stimulation"[tiab] OR "Infrared Rays/therapeutic use"[MeSH] OR infrared[tiab] OR "Ultrasonic Therapy"[MeSH:NoExp] OR "Ultrasonics"[Mesh] OR Ultrasound[ti] OR "Therapeutic ultrasound"[tiab] OR "Laser Therapy, Low-Level/methods"[MeSH] OR "laser therapy"[tiab] OR biolight[tiab] OR "High-Energy Shock Waves"[Mesh] OR Shock wave*[tiab] OR shockwave*[tiab] OR "Phototherapy"[Mesh] OR "Monochromatic phototherapy"[tiab] OR "Monochromatic pulsating light"[tiab] OR "monochromatic light"[tiab]	354645
Intervention: Surgical Treatment		
13.	"Surgical Procedures, Minimally Invasive"[Mesh:NoExp] OR "Vascular Surgical Procedures"[Mesh:NoExp] OR "Endovascular Procedures"[Mesh] OR "Leg ulcer/surgery"[MeSH:NoExp] OR "Surgical Mesh"[Mesh] OR "Surgery, Plastic"[MeSH] OR "Sclerotherapy"[Mesh] OR "Endoscopy"[Mesh:NoExp] OR "Venous Insufficiency/surgery"[Mesh:NoExp] OR "Varicose Ulcer/surgery"[MeSH:NoExp] OR "Saphenous Vein/surgery"[MeSH:NoExp] OR "Varicose Veins/surgery"[MeSH:NoExp] OR "Veins/surgery"[MeSH:NoExp] OR "Radio Waves"[Mesh] OR mesh graft*[tiab] OR "Subfascial endoscopic perforating vein surgery"[tiab] OR SEPS[tiab] OR "Functional reconstruction"[tiab] OR "Plastic surgery"[tiab] OR "surgical procedures"[tiab] OR "foam sclerotherapy"[tiab] OR sclerocompression[tiab] OR "venous surgery"[tiab] OR endovenous laser*[tiab] OR endovenous technique*[tiab] OR Endovenous therap*[tiab] OR "laser ablation"[tiab] OR Radiofrequency[tiab] OR excision[tiab] OR "shave therapy"[tiab] OR Surgical[ti] OR Surgery[ti]	733706
Intervention: Systemic treatment		
14.	"Platelet Aggregation Inhibitors"[Mesh] OR "platelet aggregation"[tiab] OR "Pentoxifylline"[Mesh] OR Pentoxifylline[tiab] OR "Anti-Bacterial Agents"[Mesh:NoExp] OR Anti-Bacterial Agents[tiab] OR antibiotic*[tiab]	398221
Combined sets		
15.	3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14	2569526
16.	1 AND 2 AND systematic[SB]	64
17.	1 AND 2 AND 15	2113
18.	(1 AND 2 AND 15) AND ("Clinical Trial" [Publication Type] OR "Controlled Clinical Trial" [Publication Type] OR "Multicenter Study" [Publication Type] OR "Randomized Controlled Trial" [Publication Type] OR "Prospective Studies"[Mesh] OR "Cohort Studies"[Mesh:NoExp] OR "Follow-Up Studies"[Mesh] OR "Clinical trial*" [tw] ClinicalTrial*[tw] OR "controlled trial" [tiab] OR (((random*[ti] OR controlled[ti] OR multi-center[ti] OR prospective[ti]) AND (trial[ti] OR study[ti] OR cohort[ti]) OR randomized[tiab] OR randomization[tiab] OR randomized[tiab] OR randomization[tiab])) OR	262

	"Nonrandomized controlled trial" [tiab] OR "prospective controlled study"[tiab] OR "prospective study"[tiab] OR "Prospective cohort"[tiab] OR "Prospective multicentre cohort"[tiab] OR "observational cohort study"[tiab] OR "prospective multicenter"[tiab] OR "basal level"[tiab] OR baseline[tiab]) AND (English[la] OR Swedish[la] OR Norwegian[la] OR Danish[la]) Filters activated: Publication date from 1987/01/01	
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The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

"" = Citation Marks; searches for an exact phrase

Pubmed via NLM 8 August 2013 –updated search Leg Ulcers: prevention		
	Search terms	Items found
Population: elderly		
1.	"Aged"[Mesh:NoExp] OR "Aged, 80 and over"[Mesh] OR "Frail Elderly"[Mesh] OR "Homes for the Aged"[MeSH] OR Aged[ti] OR elder[ti] OR elderly[ti] OR elders[ti] OR old[ti] OR older[ti] OR geriatric[ti] OR "65 years"[ti] OR senior[ti] OR seniors[ti] OR ((Aged[tiab] OR elder[tiab] OR elderly[tiab] OR elders[tiab] OR old[tiab] OR older[tiab] OR geriatric[tiab] OR "65 years"[tiab] OR senior[tiab] OR seniors[tiab])) NOT (medline[SB] OR oldmedline[SB])	2407746
Population: persons with leg ulcers		
2.	Leg Ulcer[MeSH:NoExp] OR "Varicose Ulcer"[Mesh] OR "Pyoderma Gangrenosum"[Mesh] OR ((ulcer*[ti] OR chronic wound*[ti]) AND leg*[ti]) OR ((leg ulcer*[tiab] OR lower extremity ulcer*[tiab] OR vascular ulcer*[tiab] OR venous ulcer*[tiab] OR arterial ulcer*[tiab] OR lower extremity arterial ulcer*[tiab] OR arterial insufficiency ulcer*[tiab] OR "atrophie blanche" [tiab]) NOT Medline[SB])	12323
Intervention: education		
3.	Education, Nursing, Continuing[MeSH] OR Nurses' Aides/education[MeSH] OR "Nursing Staff/education"[MeSH] OR "Nursing, Practical/education"[MeSH] OR "Health Personnel/education"[Mesh:NoExp] OR "Medical Staff, Hospital/education"[Mesh:NoExp] OR "Inservice Training"[Mesh] OR "Models, Educational"[MeSH] OR "Patient Education as Topic/methods"[Mesh] OR "Health Promotion"[Mesh:NoExp] OR "Caregivers/education"[MeSH Terms] OR (Education*[ti] AND (nurse[ti] OR nurses[ti] OR "nursing assistant"[ti] OR staff[ti] OR "health care assistant"[ti] OR family[ti] OR patient[ti] OR client[ti] OR caregiver[ti]))	128417
Intervention: preventive interventions (compression)		
4.	"Compression Bandages"[Mesh] OR "Stockings, Compression"[Mesh] OR "Intermittent Pneumatic Compression Devices"[Mesh] OR Compression[ti] OR Compression bandag*[tiab] OR "compression therapy"[tiab] OR "Intermittent pneumatic compression"[tiab] OR support stocking*[tiab]	22271
Study types		
5.	("Clinical Trial" [Publication Type] OR "Controlled Clinical Trial" [Publication Type] OR "Multicenter Study" [Publication Type] OR "Randomized Controlled Trial" [Publication Type] OR "Prospective Studies"[Mesh] OR "Cohort Studies"[Mesh:NoExp] OR "Follow-Up Studies"[Mesh] OR "Clinical trial*" [tw] ClinicalTrial*[tw] OR "controlled trial" [tiab] OR (((random*[ti] OR controlled[ti] OR multi-center[ti] OR prospective[ti]) AND (trial[ti] OR study[ti] OR cohort[ti]) OR randomized[tiab] OR randomization[tiab] OR randomized[tiab] OR randomization[tiab])) OR "Nonrandomized controlled trial" [tiab] OR "prospective controlled study"[tiab] OR "prospective study"[tiab] OR "Prospective cohort"[tiab] OR "Prospective multicentre cohort"[tiab] OR "observational cohort study"[tiab] OR "prospective multicenter"[tiab] OR "basal level"[tiab] OR baseline[tiab])	709273
Combined sets		
6.	3 OR 4	150628
7.	1 AND 2 AND 5 AND 6	113
8.	7 AND Limits Activated: English, Danish, Norwegian, Swedish, Publication Date from 1987	112

The search result, usually found at the end of the documentation, forms the list of abstracts

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