

# SIGVARIS

L I F E F O R L E G S

## **Library on all Scientific Articles on Compression Therapy 12/2007**

Reference List Book “Compression Therapy of the  
Extremities” by Partsch, Rabe, Stemmer



**Chapter 1 Introduction**

**Chapter 2 Historical Overview**

**Chapter 3 Anatomy**

**Chapter 4 Venous Return**

**Flore R, Gerardino L, Santoliquido A, Catananti C, Pola P, Tondi P.**

Reduction of oxidative stress by compression stockings in standing workers. *Occup Med (Lond)* 2007; 57(5):337-41.

Stemmer Chapter: 4, 9

Number of references/number of self citations: 19/2

Type of publication: experimental study

Language: en

Language of abstract: en

**Griffin M, Kakkos SK, Geroulakos G, Nicolaides AN.**

Comparison of three intermittent pneumatic compression systems in patients with varicose veins: a hemodynamic study. *Int Angiol* 2007; 26(2):158-64.

Stemmer Chapter: 4, 7

Number of references/number of self citations: 29/6

Type of publication: controlled trial

Language: en

Language of abstract: en

**Kalodiki E, Ellis M, Kakkos SK, Williams A, Davies AH, Geroulakos G.**

Immediate hemodynamic effect of the additional use of the SCD EXPRESS Compression System in patients with venous ulcers treated with the four-layer compression bandaging system. *Eur J Vasc Endovasc Surg* 2007; 33(4):483-7.

Stemmer Chapter: 4, 7, 8

Number of references/number of self citations: 28/2

Type of publication: experimental study

Language: en

Language of abstract: en

**Rimaud D, Calmels P, Roche F, Mongold JJ, Trudeau F, Devillard X.**

Effects of graduated compression stockings on cardiovascular and metabolic responses to exercise and exercise recovery in persons with spinal cord injury. *Arch Phys Med Rehabil* 2007; 88(6):703-9.

Stemmer Chapter: 4, 6, 9

Number of references/number of self citations: 34/2

Type of publication: crossover trial

Language: en

Language of abstract: en

## Chapter 5 The Basis of Compression

**Downie SP, Firmin DN, Wood NB, Thom SA, Hughes AD, Wolfe JN et al.** Role of MRI in investigating the effects of elastic compression stockings on the deformation of the superficial and deep veins in the lower leg. *J Magn Reson Imaging* 2007; 26(1):80-5.

Stemmer Chapter: 5, 9

Number of references/number of self citations: 19/0

Type of publication: experimental study

Language: en

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**Liu R, Kwok YL, Li Y, Lao TT, Zhang X.** Skin pressure profiles and variations with body postural changes beneath medical elastic compression stockings. *Int J Dermatol* 2007; 46(5):514-3.

Stemmer Chapter: 5, 9

Number of references/number of self citations: 21/1

Type of publication: experimental study

Language: en

Language of abstract: en

**Mayrovitz HN.** Interface pressures produced by two different types of lymphedema therapy devices. *Phys Ther* 2007; 87(10):1379-88.

Stemmer Chapter: 5, 7

Number of references/number of self citations: 27/0

Type of publication: experimental study

Language: en

Language of abstract: en

## Chapter 6 Mobilisation

**Duffield R, Portus M.** Comparison of three types of full-body compression garments on throwing and repeat-sprint performance in cricket players. *Br J Sports Med* 2007; 41(7):409-14.

Stemmer Chapter: 6

Number of references/number of self citations: 20/0

Type of publication: experimental study

Language: en

Language of abstract: en

**Moseley AL, Carati CJ, Piller NB.** A systematic review of common conservative therapies for arm lymphoedema secondary to breast cancer treatment. *Ann Oncol* 2007; 18(4):639-46.  
Stemmer Chapter: 6, 7, 8, 9, 10  
Number of references/number of self citations: 61/6  
Type of publication: review  
Language: en  
Language of abstract: en

**Rimaud D, Calmels P, Roche F, Mongold JJ, Trudeau F, Devillard X.** Effects of graduated compression stockings on cardiovascular and metabolic responses to exercise and exercise recovery in persons with spinal cord injury. *Arch Phys Med Rehabil* 2007; 88(6):703-9.  
Stemmer Chapter: 4, 6, 9  
Number of references/number of self citations: 34/2  
Type of publication: crossover trial  
Language: en  
Language of abstract: en

## **Chapter 7      Compression Using Mechanical Devices**

**Eisele R, Kinzl L, Koelsch T.** Rapid-inflation intermittent pneumatic compression for prevention of deep venous thrombosis. *J Bone Joint Surg Am* 2007; 89(5):1050-6.  
Stemmer Chapter: 7  
Number of references/number of self citations: 51/3  
Type of publication: randomized controlled study  
Language: en  
Language of abstract: en

**Eliasson AH, Lettieri CJ.** Sequential compression devices for treatment of restless legs syndrome. *Medicine (Baltimore)* 2007; 86(6):317-23.  
Stemmer Chapter: 7  
Number of references/number of self citations: 34/0  
Type of publication: prospective clinical study, not controlled  
Language: en  
Language of abstract: en

**Griffin M, Kakkos SK, Geroulakos G, Nicolaidis AN.** Comparison of three intermittent pneumatic compression systems in patients with varicose veins: a hemodynamic study. *Int Angiol* 2007; 26(2):158-64.  
Stemmer Chapter: 4, 7  
Number of references/number of self citations: 29/6  
Type of publication: controlled trial  
Language: en  
Language of abstract: en

**Kalodiki E, Ellis M, Kakkos SK, Williams A, Davies AH, Geroulakos G.**

Immediate hemodynamic effect of the additional use of the SCD EXPRESS Compression System in patients with venous ulcers treated with the four-layer compression bandaging system. *Eur J Vasc Endovasc Surg* 2007; 33(4):483-7.

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Number of references/number of self citations: 28/2

Type of publication: experimental study

Language: en

Language of abstract: en

**MacLellan DG, Fletcher JP.** Mechanical compression in the prophylaxis of

venous thromboembolism. *ANZ J Surg* 2007; 77(6):418-3.

Stemmer Chapter: 7, 9, 10

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Language: en

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**Mayrovitz HN.** Interface pressures produced by two different types of

lymphedema therapy devices. *Phys Ther* 2007; 87(10):1379-88.

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*Ann Oncol* 2007; 18(4):639-46.

Stemmer Chapter: 6, 7, 8, 9, 10

Number of references/number of self citations: 61/6

Type of publication: review

Language: en

Language of abstract: en

**Turpie AG, Bauer KA, Caprini JA, Comp PC, Gent M, Muntz JE.**

Fondaparinux combined with intermittent pneumatic compression vs. intermittent pneumatic compression alone for prevention of venous thromboembolism after abdominal surgery: a randomized, double-blind comparison. *J Thromb Haemost* 2007; 5(9):1854-61.

Stemmer Chapter: 7

Number of references/number of self citations: 34/4

Type of publication: randomized controlled trial

Language: en

Language of abstract: en

## Chapter 8 Bandages

**Adderley U, Thompson C.** A study of the factors influencing how frequently district nurses re-apply compression bandaging. *J Wound Care* 2007; 16(5):217-21.

Stemmer Chapter: 8

Number of references/number of self citations: 13/2

Type of publication: interview

Language: en

Language of abstract: en

**Gannon R.** A review of the four layer vs the short stretch bandage system. *Br J Nurs* 2007; 16(11):S14, S16, S18.

Stemmer Chapter: 8

Number of references/number of self citations: 32/0

Type of publication: review

Language: en

Language of abstract: en

**Kalodiki E, Ellis M, Kakkos SK, Williams A, Davies AH, Geroulakos G.** Immediate hemodynamic effect of the additional use of the SCD EXPRESS Compression System in patients with venous ulcers treated with the four-layer compression bandaging system. *Eur J Vasc Endovasc Surg* 2007; 33(4):483-7.

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Stemmer Chapter: 6, 7, 8, 9, 10

Number of references/number of self citations: 61/6

Type of publication: review

Language: en

Language of abstract: en

**Palfreyman S, King B, Walsh B.** A review of the treatment for venous leg ulcers. *Br J Nurs* 2007; 16(15):S6-14.

Stemmer Chapter: 8, 9, 10

Number of references/number of self citations: 53/4

Type of publication: review

Language: en

Language of abstract: en

## Chapter 9 Compression Stockings

**Brady D, Raingruber B, Peterson J, Varnau W, Denman J, Resuello R et al.** The use of knee-length versus thigh-length compression stockings and sequential compression devices. *Crit Care Nurs Q* 2007; 30(3):255-62.

Stemmer Chapter: 9

Number of references/number of self citations: 16/0

Type of publication: patient survey

Language: en

Language of abstract: en

**Cohen AT, Skinner JA, Warwick D, Brenkel I.** The use of graduated compression stockings in association with fondaparinux in surgery of the hip. A multicentre, multinational, randomised, open-label, parallel-group comparative study. *J Bone Joint Surg Br* 2007; 89(7):887-92.

Stemmer Chapter: 9

Number of references/number of self citations: 17/0

Type of publication: randomized controlled study

Language: en

Language of abstract: en

**Downie SP, Firmin DN, Wood NB, Thom SA, Hughes AD, Wolfe JN et al.** Role of MRI in investigating the effects of elastic compression stockings on the deformation of the superficial and deep veins in the lower leg. *J Magn Reson Imaging* 2007; 26(1):80-5.

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Stemmer Chapter: 4, 9

Number of references/number of self citations: 19/2

Type of publication: experimental study

Language: en

Language of abstract: en

**Humphreys ML, Stewart AH, Gohel MS, Taylor M, Whyman MR, Poskitt KR.** Management of mixed arterial and venous leg ulcers. *Br J Surg* 2007; 94(9):1104-7.  
Stemmer Chapter: 9  
Number of references/number of self citations: 13/0  
Type of publication: clinical study, not controlled  
Language: en  
Language of abstract: en

**Kahn SR, Shbaklo H, Shapiro S, Wells PS, Kovacs MJ, Rodger MA et al.** Effectiveness of compression stockings to prevent the post-thrombotic syndrome (the SOX Trial and Bio-SOX biomarker substudy): a randomized controlled trial. *BMC Cardiovasc Disord* 2007; 7:21.  
Stemmer Chapter: 9  
Number of references/number of self citations: 70/4  
Type of publication: protocol for randomized controlled trial  
Language: en  
Language of abstract: en

**Kern P, Ramelet AA, Wutschert R, Hayoz D.** Compression after sclerotherapy for telangiectasias and reticular leg veins: a randomized controlled study. *J Vasc Surg* 2007; 45(6):1212-6.  
Stemmer Chapter: 9, 10  
Number of references/number of self citations: 12/1  
Type of publication: randomized controlled trial  
Language: en  
Language of abstract: en

**Linnitt N, Davies R.** Fundamentals of compression in the management of lymphoedema. *Br J Nurs* 2007; 16(10):588-92.  
Stemmer Chapter: 9, 10  
Number of references/number of self citations: 10/0  
Type of publication: review  
Language: en  
Language of abstract: en

**Liu R, Kwok YL, Li Y, Lao TT, Zhang X.** Skin pressure profiles and variations with body postural changes beneath medical elastic compression stockings. *Int J Dermatol* 2007; 46(5):514-3.  
Stemmer Chapter: 5, 9  
Number of references/number of self citations: 21/1  
Type of publication: experimental study  
Language: en  
Language of abstract: en

**MacLellan DG, Fletcher JP.** Mechanical compression in the prophylaxis of venous thromboembolism. ANZ J Surg 2007; 77(6):418-3.

Stemmer Chapter: 7, 9, 10

Number of references/number of self citations: 70/1

Type of publication: review

Language: en

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**Moseley AL, Carati CJ, Piller NB.** A systematic review of common conservative therapies for arm lymphoedema secondary to breast cancer treatment. Ann Oncol 2007; 18(4):639-46.

Stemmer Chapter: 6, 7, 8, 9, 10

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Stemmer Chapter: 8, 9, 10

Number of references/number of self citations: 53/4

Type of publication: review

Language: en

Language of abstract: en

**Raju S, Hollis K, Neglen P.** Use of compression stockings in chronic venous disease: patient compliance and efficacy. Ann Vasc Surg 2007;21(6):790-5

Stemmer Chapter: 9

Number of references/number of self citations: 35/1

Type of publication: patient interview

Language: en

Language of abstract: en

**Rimaud D, Calmels P, Roche F, Mongold JJ, Trudeau F, Devillard X.** Effects of graduated compression stockings on cardiovascular and metabolic responses to exercise and exercise recovery in persons with spinal cord injury. Arch Phys Med Rehabil 2007; 88(6):703-9.

Stemmer Chapter: 4, 6, 9

Number of references/number of self citations: 34/2

Type of publication: crossover trial

Language: en

Language of abstract: en

**Walker L, Lamont S.** Use and application of graduated elastic compression stockings. Nurs Stand 2007; 21(42):41-5.

Stemmer Chapter: 9

Number of references/number of self citations: 24/0

Type of publication: review

Language: en

Language of abstract: en

## **Chapter 10    Compression and Mobilization Strategies**

**Arrault M, Vignes S.** Pris en charge du lymphoedème du membre supérieur après traitement du cancer de sein [Management of lymphedema of the upper extremity after treatment of breast cancer]. Bull Cancer 2007; 94(7):669-74.

Stemmer Chapter: 10

Number of references/number of self citations: 52/3

Type of publication: review

Language: fr

Language of abstract: fr, en

**Jamieson R, Calderwood CJ, Greer IA.** The effect of graduated compression stockings on blood velocity in the deep venous system of the lower limb in the postnatal period. BJOG 2007; 114(10):1292-4.

Stemmer Chapter: 10

Number of references/number of self citations: 17/0

Type of publication: clinical study, not controlled

Language: en

Language of abstract: en

**Kern P, Ramelet AA, Wutschert R, Hayoz D.** Compression after sclerotherapy for telangiectasias and reticular leg veins: a randomized controlled study. J Vasc Surg 2007; 45(6):1212-6.

Stemmer Chapter: 9, 10

Number of references/number of self citations: 12/1

Type of publication: randomized controlled trial

Language: en

Language of abstract: en

**Linnitt N, Davies R.** Fundamentals of compression in the management of lymphoedema. Br J Nurs 2007; 16(10):588-92.

Stemmer Chapter: 9, 10

Number of references/number of self citations: 10/0

Type of publication: review

Language: en

Language of abstract: en

**MacLellan DG, Fletcher JP.** Mechanical compression in the prophylaxis of venous thromboembolism. ANZ J Surg 2007; 77(6):418-3.

Stemmer Chapter: 7, 9, 10

Number of references/number of self citations: 70/1

Type of publication: review

Language: en

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Number of references/number of self citations: 61/6

Type of publication: review

Language: en

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**Palfreyman S, King B, Walsh B.** A review of the treatment for venous leg ulcers. Br J Nurs 2007; 16(15):S6-14.

Stemmer Chapter: 8, 9, 10

Number of references/number of self citations: 53/4

Type of publication: review

Language: en

Language of abstract: en

**Tapson VF, Decousus H, Pini M, Chong BH, Froehlich JB, Monreal M et al.** Venous thromboembolism prophylaxis in acutely ill hospitalized medical patients: findings from the International Medical Prevention Registry on Venous Thromboembolism. Chest 2007; 132(3):936-945.

Stemmer Chapter: 10

Number of references/number of self citations: 31/1

Type of publication: observational clinical study, not controlled

Language: en

Language of abstract: en

**Warren AG, Brorson H, Borud LJ, Slavin SA.** Lymphedema: a comprehensive review. Ann Plast Surg 2007; 59(4):464-72.

Stemmer Chapter: 10

Number of references/number of self citations: 104/4

Type of publication: review

Language: en

Language of abstract: en

**Whiddon LL.** The treatment of venous ulcers of the lower extremities. Proc Bayl Univ Med Cent 2007; 20(4):363-6.  
Stemmer Chapter: 10  
Number of references/number of self citations: 42/0  
Type of publication: review  
Language: en  
Language of abstract: en

## **Arbeiten ohne Abstracts**

**Anderson I.** A review of the four layer vs. the short stretch bandage system. Br J Nurs 2007; 16(15):S4.

**Armstrong DG.** Addition of surgical correction to compression therapy reduced recurrences in chronic venous leg ulceration. ACP J Club 2007; 147(3):73.

**Charles H.** A review of the four layer vs. the short stretch bandage system. Br J Nurs 2007; 16(15):S5.

**Coppens M, Schreijer AJ, Berger FH, Cannegieter SC, Rosendaal FR, Buller HR.** Mechanical prophylaxis for travellers' thrombosis: a comparison of three interventions that promote venous outflow. J Thromb Haemost 2007; 5(7):1556-67.

**Hairon N.** Prevention of venous thromboembolism in patients. Nurs Times 2007; 103(18):23-4.

**Krishna M.** Novel use of graded elastic compression stockings. Anaesthesia 2007; 62(9):973.

**Meaume S, Senet P.** [Update on the diagnosis and treatment of leg ulcers]. Soins 2007;(717):23-7.

**Panknin HT.** [Compression stockings for prevention of thrombosis: knee length or thigh length?]. Pflege Z 2007; 60(7):378.

**Rajendran S, Rigby AJ, Anand SC.** Venous leg ulcer treatment and practice--Part 3: The use of compression therapy systems. J Wound Care 2007; 16(3):107-9. [New bandage system for venous compression in general practice study: better patient compliance supports wound healing]. Pflege Z 2007; 60(4):201-2.