**Table D-3a. Intervention characteristics of studies evaluating advanced wound dressings for the treatment of chronic venous ulcers**

| **Author, year** | **Compression**  | **Advanced wound dressing type** | **Duration of intervention** |
| --- | --- | --- | --- |
| **Arnold, 1994**[**39**](#_ENREF_39) | Unna boot gradient and zinc oxide paste | impreg gauze; paraffin in US, salin/betadine in UK | 10 weeks |
| **Arnold, 1994**[**39**](#_ENREF_39) | Unna boot gradient and zinc oxide paste | hydrocolloid | 10 weeks |
| **Backhouse, 1987**[**43**](#_ENREF_43) | multi layer | Hydrocolloid; Granuflex (occlusive hydrocolloid) | 12 weeks |
| **Backhouse, 1987**[**43**](#_ENREF_43) | multi layer | Non-adherence non-occlusive dressing | 12 weeks |
| **Beckert, 2006**[**31**](#_ENREF_31) | 2 layer compression | Hydrogel; mildly antimicrobial shale oil | 20 weeks |
| **Beckert, 2006**[**31**](#_ENREF_31) | 2 layer compression | hydrogel | 20 weeks |
| **Falanga V, 1999**[**51**](#_ENREF_51) | Unna boot |  | NR |
| **Falanga V, 1999**[**51**](#_ENREF_51) | Unna boot | cellular or ECM | NR |
| **Falanga, 1998**[**38**](#_ENREF_38) | Unna boot | cellular or ECM | NR |
| **Falanga, 1998**[**38**](#_ENREF_38) | Unna boot |  | NR |
| **Franks, 2007**[**28**](#_ENREF_28) | short stretch multi layer | foam | 24 weeks |
| **Franks, 2007**[**28**](#_ENREF_28) | short stretch multi layer | foam | 24 weeks |
| **Gatti, 2011**[**45**](#_ENREF_45) | Unna boot | Essential fatty acid | 8 weeks |
| **Gatti, 2011**[**45**](#_ENREF_45) | Unna boot | Essential fatty acid and fibrin sealant | 8 weeks |
| **Gethin, 2009**[**24**](#_ENREF_24) | multi layer | Manuka honey | 4 weeks |
| **Gethin, 2009**[**24**](#_ENREF_24) | multi layer | hydrogel | 4 weeks |
| **Gottrup, 2007**[**27**](#_ENREF_27) | unspec compression | Foam; Ibuprofen | 42 days |
| **Gottrup, 2007**[**27**](#_ENREF_27) | unspec compression | foam | 42 days |
| **Gottrup, 2008**[**23**](#_ENREF_23) | kept a constant circumference at the ankle | foam; contained ibuprofen (112.5 mg released over 7 d in presence of exudate), trade name: Biatain-Ibu Non-Adhesive foam dressing, Coloplast A/S | weeks |
| **Gottrup, 2008**[**23**](#_ENREF_23) | kept a constant circumference at the ankle | Foam; NO ibuprofen (trade name: Biatain Non-adhesive, Coloplast A/S) | weeks |
| **Greguric, 1994**[**48**](#_ENREF_48) | 2 layer compression | Hydrocolloid; Varihesive E (hydrocolloid in adhesive elastomeric polymer matrix with outer film coated w/ polyurethane foam) | NR |
| **Greguric, 1994**[**48**](#_ENREF_48) | 2 layer compression | magnesium sulfate paste + vaseline + gauze | NR |
| **Hansson, 1998**[**37**](#_ENREF_37) | short stretch | paraffin gauze | 12 weeks |
| **Hansson, 1998**[**37**](#_ENREF_37) | short stretch | Hydrocolloid; Duoderm | 12 weeks |
| **Hansson, 1998**[**37**](#_ENREF_37) | short stretch | antibacterial dressings; cadexomer iodine paste | 12 weeks |
| **Harding, 2005**[**33**](#_ENREF_33) | 2 layer compression | Hydrocolloid; keratinocyte lysate | 10 weeks |
| **Harding, 2005**[**33**](#_ENREF_33) | 2 layer compression | hydrocolloid | 10 weeks |
| **Harding, 2005**[**33**](#_ENREF_33) |  | cellular or ECM | 10 weeks |
| **Harding, 2011**[**20**](#_ENREF_20) | UK Class III compression system | specialty absorp; antibacterial dressings | 4 weeks |
| **Harding, 2011**[**20**](#_ENREF_20) | UK Class III compression system | antibacterial dressings impreg gauze | 4 weeks |
| **Holloway, 1989**[**42**](#_ENREF_42) | Toe-to-knee elastic compression bandage | Hydrocolloid; antibacterial dressings |  |
| **Holloway, 1989**[**42**](#_ENREF_42) | Toe-to-knee elastic compression bandage |  |  |
| **Krishnamoorthy, 2003**[**47**](#_ENREF_47) | multi layer; Profore | cellular or ECM; Dermagraft 4pc | 12 weeks |
| **Krishnamoorthy, 2003**[**47**](#_ENREF_47) | multi layer; Profore | Dermagraft 1pc | 12 weeks |
| **Krishnamoorthy, 2003**[**47**](#_ENREF_47) | multi layer; Profore | Dermagraft 12 pcs | 12 weeks |
| **Krishnamoorthy, 2003**[**47**](#_ENREF_47) | multi layer; Profore |  |  |
| **Kucharzewski, 2003**[**46**](#_ENREF_46) | unspec compression | (Bioprocess) Cellulose membrane | 140 days |
| **Kucharzewski, 2003**[**46**](#_ENREF_46) | Unna boot |  | 140 days |
| **Lammoglia-Ordiales, 2011**[**56**](#_ENREF_56) | 2 layer compression | hydrogel | 8 weeks |
| **Lammoglia-Ordiales, 2011**[**56**](#_ENREF_56) | 2 layer compression | MTC-2G | 8 weeks |
| **Limova, 2003**[**35**](#_ENREF_35) | 2 layer compression | alginate | 6 weeks |
| **Limova, 2003**[**35**](#_ENREF_35) |  | alginate | 6 weeks |
| **Maggio, 2011**[**21**](#_ENREF_21) | multi layer | alginate | 70 days |
| **Maggio, 2011**[**21**](#_ENREF_21) | multi layer | Alginate; Vulnamin- glycine, leucine, proline, lysine, sodium hyaluronate | 70 days |
| **Michaels, 2009**[**22**](#_ENREF_22) | multi layer | antibacterial dressings | 1 years |
| **Michaels, 2009**[**22**](#_ENREF_22) | multi layer | seem to be matched various dressings | 1 years |
| **Michaels, 2009**[**22**](#_ENREF_22) | enzymatic debridement | hydrocolloid |  |
| **Moffatt, 1992**[**49**](#_ENREF_49) | 4-layer | hydrocolloid ; Comfeel, Coloplast | 12 weeks |
| **Moffatt, 1992**[**49**](#_ENREF_49) | 4-layer | Non-adherent | 12 weeks |
| **Mostow, 2005**[**32**](#_ENREF_32) | multi layer; Unspecified Compression+ Debridementement |  | 12 weeks |
| **Mostow, 2005**[**32**](#_ENREF_32) | multi layer | Composite; acellular or ECM | 12 weeks |
| **Nelson, 2007**[**29**](#_ENREF_29) | multi layer | Pentoxifylline, Knitted viscose | 24 weeks |
| **Nelson, 2007**[**29**](#_ENREF_29) | multi layer | hydrocolloid; Placebo | 24 weeks |
| **Nelson, 2007**[**29**](#_ENREF_29) | multi layer | Knitted viscose, Placebo | 24 weeks |
| **Nelson, 2007**[**29**](#_ENREF_29) | multi layer | Hydrocolloid; Pentoxifylline | 24 weeks |
| **Omar, 2004**[**34**](#_ENREF_34) | 4-layer | cellular or ECM; Dermagraft | 12 weeks |
| **Omar, 2004**[**34**](#_ENREF_34) | 4-layer |  | 12 weeks |
| **Ormiston MC, 1983**[**55**](#_ENREF_55) | unspec compression | Cadexomer iodine | 24 weeks |
| **Ormiston MC, 1983**[**55**](#_ENREF_55) | unspec compression | antibacterial dressings | 24 weeks |
| **Ormiston, 1985**[**44**](#_ENREF_44) | crepe then cotton crepe compression bandage (STD) | Gentian violet and Polyfax | 12 weeks |
| **Ormiston, 1985**[**44**](#_ENREF_44) | crepe then cotton crepe compression bandage (STD) | Cadexomer iodine | 12 weeks |
| **Pessenhofer, 1989**[**41**](#_ENREF_41) | Unna boot |  | NA |
| **Pessenhofer, 1989**[**41**](#_ENREF_41) | Unna boot | foam | NA |
| **Schulze, 2001**[**36**](#_ENREF_36) |  | Alginate + Film | 4 weeks |
| **Schulze, 2001**[**36**](#_ENREF_36) |  | Alginate + Swabs |  |
| **Schulze, 2001**[**36**](#_ENREF_36) |  | Specialty absorp | 4 weeks |
| **Scurr JH, 1993**[**54**](#_ENREF_54) | Compression stocking | alginate foam | 6 weeks |
| **Scurr JH, 1993**[**54**](#_ENREF_54) | Compression stocking | transparent film alginate | 6 weeks |
| **Scurr JH, 1994**[**53**](#_ENREF_53) | graduated elastic compression stocking | alginate | 6 weeks |
| **Scurr JH, 1994**[**53**](#_ENREF_53) | graduated elastic compression stocking | hydrocolloid | 6 weeks |
| **Smith, 1992**[**50**](#_ENREF_50) | linear, graduated (Tubigrip or Venosan 2002) | Hydrocolloid; Biofilm powder+Biofilm dressing |  |
| **Smith, 1992**[**50**](#_ENREF_50) | linear, graduated (Tubigrip or Venosan 2002) | Hydrocolloid; Biofilm powder+Biofilm dressing |  |
| **Smith, 1992**[**50**](#_ENREF_50) | 2 layer compression; linear, graduated (Tubigrip or Venosan 2002) | Betadine/Jelonet | 4 months |
| **Smith, 1992**[**50**](#_ENREF_50) | linear, graduated (Tubigrip or Venosan 2002) | Betadine/Jelonet | 4 months |
| **Teepe, 1993**[**40**](#_ENREF_40) | short stretch | hydrocolloid | 6 weeks |
| **Teepe, 1993**[**40**](#_ENREF_40) | short stretch | cellular or ECM | 6 weeks |
| **Vanscheidt, 2007**[**26**](#_ENREF_26) | short stretch | contact layer | 182 days |
| **Vanscheidt, 2007**[**26**](#_ENREF_26) | short stretch | contact layer, cellular or ECM | 182 days |
| **Vowden, 2006**[**30**](#_ENREF_30) | high-compression | alginate | 12 weeks |
| **Vowden, 2006**[**30**](#_ENREF_30) | high-compression | amelogenin proteins (Xelmat) | 12 weeks |
| **Vowden, 2007**[**25**](#_ENREF_25) | high | acellular or ECM | 12 weeks |
| **Vowden, 2007**[**25**](#_ENREF_25) | high |  | 12 weeks |
| **Weiss RA, 1996**[**52**](#_ENREF_52) | Jobst UlcerCare stocking | Foam; non-adhesive absorptive foam dressing (Allevyn) | 16 weeks |
| **Weiss RA, 1996**[**52**](#_ENREF_52) | Jobst UlcerCare stocking | Foam; slightly adhesive hydroactive foam dressing (Cutinova foam) | 16 weeks |