Abdominal bandage, 25–32
  circumferential, 25–29
    advantages of, 29
    aftercare with, 29
    complications with, 29
    indications for, 25–26, 25f
    technique for, 26–28, 26f–28f
  tie-over, 29–32, 30f, 31f
    advantages of, 31–32
    aftercare with, 31
    complications with, 31–32
    indications for, 29
    technique for, 30–31, 30f, 31f
  windowed, 29
    advantages of, 29
    aftercare with, 29
    complications with, 29
    indications for, 29
    technique for, 29

Activated charcoal dressings, 8

Aluminum rod loop elbow splint, 88–89
  advantages of, 89
  aftercare with, 89
  complications with, 89
  indications for, 88
  technique for, 88–89, 88f, 89f

Aluminum splint rod restraint, 114–15, 115f

Anesthesia, bandage change with, 12
  Antimicrobial dressings, 8
  activated charcoal, 8
  cadexomer iodine, 8
  gentamicin-impregnated collagen sponges, 8
  polyhexamethylene biguanide, 8
  silver ions, 8

Bandage
  abdominal, 25–32
    circumferential, 25–29, 25f–28f
    tie-over bandage, 29–32, 30f, 31f
    windowed, 29
  anesthesia during change of, 12
  antimicrobial dressings, 8
  calcium alginate dressings, 5
  components of, 4–10, 4f
    primary-contact layer, 4–9, 4f, 56, 58, 68
    secondary-intermediate layer, 4f, 9, 56, 62–64, 68
    tertiary-out layer, 4f, 9–10, 56, 64–65, 69
  copolymer starch dressings, 5
  ear, 15–23
    advantages of, 16, 23
    aftercare with, 16
    complications with, 16, 23
    indications for, 15, 16
    technique for, 16–23, 16f–23f
  excoriation with, 12
  extracellular matrix bioscaffold dressings, 8–9
  extremity, 43–110
    forelimb, 47–75, 48f–54f, 57f–66f, 69f–75f
    pelvic limb, 92, 108–9
    tail, 43–47, 44f–47f
  forelimb, 47–75
    dorsal paw pressure relief for, 73–75, 74f, 75f
    paw/distal limb bandage for, 56–69, 57f–66f
    paw pad pressure relief for, 69–73, 69f–73f
    soft padded limb bandage for, 48–56, 48f–54f
    spica bandage and lateral splint for, 83–88, 84f–87f
  frequency of changes with, 10
Bandage (cont.)
functions of, 3, 3t
gauze dressings, 4–5
head, 16–23
advantages of, 23
complications with, 23
indications for, 16
technique for, 16–23, 16f–23f
highly absorptive dressings, 4
hydrocolloid dressings, 7
hydrogel dressings, 7
hypertonic saline dressings, 5
joint immobilization with, 11–12, 11f, 12f
maceration with, 12
moisture-retentive dressings, 5–6, 6t
nonadherent semiocclusive dressings, 7–8
pelvic, 32–41
circumferential, 32–35, 32f–35f
tie-over bandage, 39
windowed, 36–38, 36f–38f
pelvic limb, 92, 108–9
soft padded limb bandage for, 92
tie-over bandage for, 108–9
pepper-impregnated tape on, 119f
polyurethane film dressings, 6–7
polyurethane foam dressings, 6
pressure relief with, 11
properties of, 3t
restraint with body bandage, 118, 118f
security with, 10
special considerations with, 10–12, 11f, 12f
tail, 43–47
advantages of, 47
aftercare with, 47
complications with, 47
indications for, 43
technique for, 44–47, 44f–47f
thoracic, 25–32
circumferential, 25–29, 25f–28f
tie-over bandage, 29–32, 30f, 31f
windowed, 29
Bivalving, pelvic limb cast, 98, 98f
Body bandage, 118, 118f
Cadexomer iodine dressings, 8
Calcium alginate dressings, 5
Carpal sling, 75–78
advantages of, 78
aftercare with, 78
complications with, 78
indications for, 75
technique for, 76–78, 76f–78f
Casting tapes, 14
Casts
excoriation with, 12
forelimb, 47, 83
frequency of changes with, 10
functions of, 13
general information for, 13
joint immobilization with, 11–12, 11f, 12f
maceration with, 12
pelvic limb, 93–100, 93f–99f
pressure relief with, 11
purpose of, 13
security with, 10
special considerations with, 10–12, 11f, 12f
stockinette with, 13
Circumferential pelvic bandage, 32–35
advantages of, 35
aftercare with, 35
complications with, 35
indications for, 32, 32f
technique for, 33–35, 33f–35f
Circumferential thoracic, abdominal bandage, 25–29
advantages of, 29
aftercare with, 29
complications with, 29
indications for, 25–26, 25f
technique for, 26–28, 26f–28f
Clamshell splints, 71–72, 72f
Collar
Elizabethan, 111–13, 111f–113f
plastic wrap-around, 113, 113f
towel, 113–14, 114f
Copolymer starch dressings, 5
“Diapering a paw,” 58
Digital pad, 70–71, 70f, 71f
Distal limb bandage. See Paw/distal limb bandage
Donut pad, 58
Dorsal paw pressure relief, 73–75
advantages of, 75
aftercare with, 75
complications with, 75
indications for, 73–74
technique for, 74–75, 74f, 75f
Ear bandage, 15–23
advantages of, 16, 23
aftercare with, 16
basic, head and ear, 15–23, 16f–23f
complications with, 16, 23
emergency, 15–16, 15f
indications for, 15, 16
technique for, 15–23, 16f–23f
ECM. See Extracellular matrix bioscaffold dressings
Ehmer sling, 100–104
advantages of, 104
aftercare with, 104
complications with, 104
indications for, 100
technique for, 100–104, 100f–104f
Elbow splint, 88–89, 88f, 89f
Electronic device restraint, 119, 119f
Elizabethan collar, 111–13, 111f–113f
Excioration, 12
Extracellular matrix bioscaffold dressings (ECM), 8–9
Extremity bandage, 43–110
  forelimb, 47–75, 48f–54f, 57f–66f, 69f–75f
    dorsal paw pressure relief for, 73–75, 74f, 75f
    paw/distal limb bandage for, 56–69, 57f–66f
    paw pad pressure relief for, 69–73, 69f–73f
    soft padded limb bandage for, 48–56, 48f–54f
    spica bandage and lateral splint for, 83–88, 84f–87f
  pelvic limb, 92, 108–9
    soft padded limb bandage for, 92
    tie-over bandage for, 108–9
  tail, 43–47, 44f–47f
    advantages of, 47
    aftercare with, 47
    complications with, 47
    indications for, 43
    technique for, 44–47, 44f–47f
Forelimb bandage, 47–75
  dorsal paw pressure relief for, 73–75, 74f, 75f
  paw/distal limb bandage for, 56–69, 57f–66f
  paw pad pressure relief for, 69–73, 69f–73f
  soft padded limb bandage for, 48–56, 48f–54f
  spica bandage and lateral splint for, 83–88, 84f–87f
Forelimb cast, 47, 83
Forelimb splint, 47, 78–83
  advantages of, 83
  aftercare with, 83
  complications with, 83
  indications for, 78
  technique for, 78–83, 79f–83f
Gauze dressings, 4–5
Gentamicin-impregnated collagen sponges, 8
Head bandage, 16–23
  advantages of, 23
  complications with, 23
  indications for, 16
  technique for, 16–23, 16f–23f
Highly absorptive dressings, 4
Hydrocolloid dressings, 7
Hydrogel dressings, 7
Hypertonic saline dressings, 5
Joint immobilization, 11–12, 11f, 12f
Lateral splint, spica bandage and, 83–88
  advantages of, 87–88
  aftercare with, 87
  complications with, 87–88
  indications for, 83–84
  technique for, 84–87, 84f–87f
Maceration, 12
Metacarpal/metatarsal pad, 69–70, 69f–71f
Moisture-retentive dressings (MRD), 5–6
  advantages of, 6t
  disadvantages of, 6
MRD. See Moisture-retentive dressings
Muzzles, 114
  plastic basket, 115f
90/90 sling, 104–8
  advantages of, 108
  aftercare with, 108
  complications with, 108
  indications for, 104
  technique for, 104f–108f, 105–8
Nonadherent semiocclusive dressings, 7–8
One-half clamshell splint, 72–73, 73f
Paw/distal limb bandage, 56–69
  advantages of, 68–69
  aftercare with, 67–68
  bandage removal for, 67
  bandage replacement for, 67–68
  complications with, 68–69
  indications for, 56
  primary layer of, 58, 68
  secondary layer of, 62–64, 68
  technique for, 56–67, 57f–66f
    “diapering a paw,” 58
    donut pad, 58
    tertiary layer of, 64–65, 69
Paw pad pressure relief, 69–73
  advantages of, 71, 71f, 73
  aftercare with, 71, 73
  complications with, 71, 73
  indications for, 69
  technique, major reconstructive on large dogs, 71–73, 72f, 73f
    clamshell splints, 71–72, 72f
    one-half clamshell splint, 72–73, 73f
  technique, moderate wounds on small to medium-sized dogs, 69–71, 69f–71f
    digital pad, 70–71, 70f, 71f
    metacarpal/metatarsal pad, 69–70, 69f–71f
Pelvic bandage, 32–41
  circumferential, 32–35, 32f–35f
    advantages of, 35
    aftercare with, 35
    complications with, 35
    indications for, 32, 32f
    technique for, 33–35, 33f–35f
  tie-over, 39
Pelvic bandage (cont.)
advantages of, 39
aftercare with, 39
complications with, 39
indications for, 39
technique for, 39
windowed, 36–38, 36f–38f
advantages of, 38
aftercare with, 38
complications with, 38
indications for, 36
technique for, 36–38, 36f–38f
Pelvic extension splints, 39–41
advantages of, 41
aftercare with, 41
complications with, 41
indications for, 39, 39f
technique for, 40, 40f
Pelvic limb bandage, 92, 108–9
soft padded limb bandage for, 92
tie-over bandage for, 108–9
Pelvic limb cast, 93–100, 93f–99f
advantages of, 99–100
aftercare with, 99
bivalving of, 98, 98f
complications with, 99–100
indications for, 93
stockinette with, 94, 94f
technique for, 93–100, 93f–99f
Pelvic limb splint, 93
Pelvic tie-over bandage
advantages of, 39
aftercare with, 39
complications with, 39
indications for, 39
technique for, 39
Pepper-impregnated tape, 119f
Plastic basket muzzle, 115f
Plastic wrap-around collar, 113, 113f
Polyhexamethylene biguanide dressings, 8
Polyurethane film dressings, 6–7
Polyurethane foam dressings, 6

Restraint, 111–19
aluminum splint rod, 114–15, 115f
body bandage, 118, 118f
electronic devices, 119, 119f
Elizabethan collar, 111–13, 111f–113f
muzzles, 114, 115f
plastic wrap-around collar, 113, 113f
side braces, 114–18, 115f–118f
topical chemical, 118–19, 119f
towel collar, 113–14, 114f

Sedation, bandage change with, 12
Side braces, 114–18, 115f–118f

Silver ions dressings, 8
Sling
carpal, 75–78, 76f–78f
Ehmer, 100–104, 100f–104f
90/90, 104–8, 104f–108f
Velpeau, 89–92, 90f–92f
Soft padded limb bandage, 48–56
advantages of, 55–56
aftercare with, 54–55
bandage removal for, 54–55
bandage replacement for, 55
complications with, 55–66
indications for, 48
primary layer of, 56
secondary layer of, 56
technique for, 48–54, 48f–54f
tertiary layer of, 56
Soft padded pelvic limb bandage, 92
Spica bandage and lateral splint, 83–88
advantages of, 87–88
aftercare with, 87
complications with, 87–88
indications for, 83–84
technique for, 84–87, 84f–87f
Splints
aluminum rod loop elbow, 88–89, 88f, 89f
clamshell, 71–72, 72f
commercial, 13
elbow, 88–89, 88f, 89f
excoriation with, 12
forelimb, 47, 78–83
frequency of changes with, 10
functions of, 13
general information for, 13
joint immobilization with, 11–12, 11f, 12f
maceration with, 12
materials with, 13
one-half clamshell, 72–73, 73f
pelvic extension splints, 39–41
advantages of, 41
aftercare with, 41
complications with, 41
indications for, 39, 39f
technique for, 40, 40f
pelvic limb, 93
plastic, 13
pressure relief with, 11
purpose of, 13
rods, 13
security with, 10
special considerations with, 10–12, 11f, 12f
spica bandage and lateral, 83–88, 84f–87f
stockinette with, 13
Stockinette, 13
pelvic limb cast, 94, 94f
Index 127

Tail bandage, 43–47
  advantages of, 47
  aftercare with, 47
  complications with, 47
  indications for, 43
  technique for, 44–47, 44f–47f
Thoracic bandage, 25–32
  circumferential, 25–29
    advantages of, 29
    aftercare with, 29
    complications with, 29
    indications for, 25–26, 25f
    technique for, 26–28, 26f–28f
  tie-over, 29–32, 30f, 31f
    advantages of, 31–32
    aftercare with, 31
    complications with, 31–32
    indications for, 29
    technique for, 30–31, 30f, 31f
  windowed, 29
    advantages of, 29
    aftercare with, 29
    complications with, 29
    indications for, 29
    technique for, 29
Tie-over bandage, pelvic limb, 108–9
  advantages of, 109
  aftercare with, 108
  complications with, 109
  indications for, 108
  technique for, 108
Tie-over thoracic, abdominal bandage, 29–32, 30f, 31f
  advantages of, 31–32
  aftercare with, 31
  complications with, 31–32
  indications for, 29
  technique for, 30–31, 30f, 31f
Topical chemical restraint, 118–19, 119f
Towel collar, 113–14, 114f

Velpeau sling, 89–92
  advantages of, 92
  aftercare with, 92
  complications with, 92
  indications for, 89
  technique for, 89–92, 90f–92f

Windowed pelvic bandage, 36–38, 36f–38f
  advantages of, 38
  aftercare with, 38
  complications with, 38
  indications for, 36
  technique for, 36–38, 36f–38f
Windowed thoracic, abdominal bandage, 29
  advantages of, 29
  aftercare with, 29
  complications with, 29
  indications for, 29
  technique for, 29