



JBI/AWMA Wound Healing and Management Node

Taxonomy Topics for Evidence Summaries and Recommended Practice

Category		Topic
1.	Wound Cleansing Technique	<ul style="list-style-type: none"> • Aseptic wound technique • Clean wound technique
2.	Wound Cleansing Solutions	<ul style="list-style-type: none"> • Normal saline 0.9% (physiological saline) • Water sterile • Water clean, tap water
3.	Debridement	<ul style="list-style-type: none"> • Autolytic • Chemical (using traditional antiseptic agents) <ul style="list-style-type: none"> – Sodium hypochlorite, EUSOL (Edinburgh University Solution of Lime, Dakin's Solution, Milton) – Hydrogen peroxide – Hypertonic saline (20%) • Chemical (using contemporary agents) <ul style="list-style-type: none"> – Cadexomer iodine (Iodosorb™) • Biological (larvae, maggots) • Mechanical (wet to dry gauze dressings) • Mechanical debridement - hydrotherapy-whirlpool, low frequency ultrasound, pressure irrigation, pulsatile lavage. • Hydrosurgery: Surgical / conservative sharp debridement
4.	Wound Infection Diagnosis	<ul style="list-style-type: none"> • Wound swabbing technique for culture and microscopy biopsy <ul style="list-style-type: none"> – Levine method – quantitative bacteriology – Zigzag method – semi quantitative bacteriology – Wound biopsy • Needle aspiration • Biofilms & Critical colonisation, (covert infection, local infection, increased bioburden)
5.	Wound Infection Prevention	<ul style="list-style-type: none"> • Pre-operative skin preparation for preventing surgical wound infections • Pre-operative hair removal (shave, clip, depilatory)
6.	Wound Healing	<ul style="list-style-type: none"> • Wound temperature and wound healing • pH and wound healing • Moisture balance and wound healing (moist wound healing)
7.	Generic Traditional / Passive Dressings	<ul style="list-style-type: none"> • Tulle gras (Describe agent but do not use brand names) • Non adherent dry • Gauze dressings
8.	Generic Contemporary / Interactive Dressings	<ul style="list-style-type: none"> • Hydrogels • Hydrocolloids • Semi-permeable films • Calcium alginate • Foams • Hydrofibre
9.	Biological Dressings	<ul style="list-style-type: none"> • Integra™, Apligraf™ (Describe agent but do not use brand names)

10.	Antiseptic Dressings	• Cadexomer iodine (Iodosorb™)
		• Wound honey
		• Povidone impregnated
		• Tea tree oil impregnated
		• Hypertonic saline impregnated
		• Silver impregnated
11.	Topical Negative Pressure	• Chlorhexidine impregnated
		• Foam systems - VAC™
		• Gauze systems – (ArjoHuntleigh)
		• Polyhexamethylene Biguaride (PHMB)
		• Topical negative pressure for treating leg ulcers
		• Topical negative pressure for treating pressure ulcers
12.	Wound Management	• Topical negative pressure for treating skin grafts
		• Topical negative pressure for abdominal dehiscence
		• Dressings for surgical wounds (surgical sites)
		• Dressings for malignant wounds (cancerous, fungating)
		• Dressings for skin grafts
		• Assessment and management of ulcers not expected to heal
13.	Scar Management	• Assessment and diagnosis of skin cancers
		• Assessment and management of skin tears
14.	Adjuvant Therapies	• Management of hypertrophic scar
		• Management of keloid scar (eg. silicone sheets)
		• Hyperbaric oxygen for wound healing
		• Electrical stimulation for healing
		• Ultrasound treatment for wound healing
15.	Pressure Ulcers – Treatment and Prevention	• Laser light treatment for wound healing
		• Topical warming therapy for wound healing
		• Electromagnetic
		• Pressure risk assessment scales / tools
		• Pressure relieving / redistribution replacement mattresses /support surfaces
		• Pressure relieving / redistribution mattress overlays / support surfaces
		• Pressure relieving / redistribution cushions / support surfaces
		• Pressure relieving / redistribution heel devices / support surfaces
16.	Diabetic Foot Ulcers	• Dressings for treating pressure ulcers
		• Debridement of pressure ulcers
17.	Leg Ulcers (Venous)	• Reposition for preventing / treating pressure ulcers
		• Dressings for the treatment of diabetic foot ulcers
		• Prevention of diabetic foot ulcers
		• Low-level laser for venous leg ulcers
		• Antibiotics for treating venous leg ulcers
		• Antiseptics for treating venous leg ulcers
		• Compression for preventing recurrence of venous leg ulcers
		• Compression therapy for treating venous leg ulcers
		• Inelastic (short stretch) compression bandages for treating venous leg ulcers
		• Elastic (long stretch) compression bandages for treating venous leg ulcers
		• Multi-layer compression bandages for treating venous leg ulcer
		• Pneumatic pumps (intermittent or sequential) for treating venous leg ulcers
		• Compression stockings / socks for treating venous leg ulcers
		• Pentoxifylline for treating venous leg ulcers
• Amelogenin for treating venous leg ulcers		
• Laser therapy for treating venous leg ulcers		
• Dressings for healing / treating venous leg ulcers		
• Oral zinc for treating arterial and venous leg ulcers		

		<ul style="list-style-type: none"> • Topical zinc bandages for treating venous leg ulcers
		<ul style="list-style-type: none"> • Electromagnetic therapy for treating venous leg ulcers
		<ul style="list-style-type: none"> • Community clinics versus home management for leg ulcers
		<ul style="list-style-type: none"> • Diagnosing venous leg ulcers
	Leg Ulcers (Arterial)	<ul style="list-style-type: none"> • Diagnosing arterial leg ulcers
	Leg Ulcers (Mixed)	<ul style="list-style-type: none"> • Diagnosing mixed aetiology ulcers
		<ul style="list-style-type: none"> • Patient education to prevent leg ulcers
		<ul style="list-style-type: none"> • Skin grafting for treatment of leg ulcers
18.	Lymphoedema and lymphoedema wounds	<ul style="list-style-type: none"> • Diagnosing lymphoedema • Management lymphoedema • Manual lymph drainage • Compression therapy • Skin care
19.	Wound Pain	<ul style="list-style-type: none"> • Assessment – pain scales / scores • Pain Management: (i) Topical; (ii) Systemic • Pain management of leg ulcers • Pain management of diabetic foot ulcers - neuropathic pain
20.	Other ulcers	<ul style="list-style-type: none"> • Pyoderma gangrenosum • Necrobiosis lipoidica diabetorum
21.	Complementary Therapies	<ul style="list-style-type: none"> • Therapeutic touch and wound healing • Somatherapy and wound healing • Spiritual healing and wound healing • Aromatherapy and wound healing
22.	Nutrition	<ul style="list-style-type: none"> • Assessment of patient's nutritional status

Additional – Recommended Practices:

- How to monitor for infection
- Assessing drain patency
- Removal of drain