## **Clinical Fact Sheet: Quick Assessment of Leg Ulcers**

Venous Insufficiency (Stasis)	Arterial Insufficiency	Diabetic Foot Ulcer (DFU)
History  Previous DVT & Varicosities Reduced mobility Obesity Vascular Ulcers Phlebitis Traumatic Injury CHF Orthopedic procedures Pain reduced by elevation Pregnancy Arthritis Conditions affecting calf muscle pump Prolonged standing	<ul> <li>Diabetes</li> <li>Anemia</li> <li>Arthritis</li> <li>Increased pain with activity and/or elevation</li> <li>CVA</li> <li>Smoking</li> <li>Intermittent claudication</li> <li>Traumatic injury to extremity</li> <li>Vascular procedures/surgeries</li> <li>Hypertension</li> <li>Hyperlipidemia</li> <li>Arterial Disease</li> <li>Advanced Age</li> <li>Obesity</li> </ul>	<ul> <li>Diabetes</li> <li>Spinal cord injury</li> <li>Hansen's Disease</li> <li>Relief of pain with ambulation</li> <li>Parasthesia of extremities</li> <li>Hypertension</li> <li>Smoking</li> <li>HIV, AIDS</li> <li>Chemotherapy</li> </ul>
Location	Cardiovascular Disease	
<ul> <li>Medial aspect of lower leg and ankle</li> <li>Superior to medial malleolus</li> </ul>	<ul> <li>Toe tips or web spaces</li> <li>Phalangeal heads</li> <li>Lateral malleolus</li> <li>Mid tibia</li> <li>Areas exposed to pressure or repetitive trauma</li> </ul>	<ul> <li>Plantar aspect of foot</li> <li>Metatarsal heads</li> <li>Heels</li> <li>Altered pressure points/sites of painless trauma/repetitive stress</li> <li>Occasionally on dorsal surface</li> <li>Interdigital</li> </ul>
Appearance		
<ul> <li>Color: base ruddy</li> <li>Surrounding Skin: erythema (venous dermatitis) and/or brown staining (hemosiderin staining)</li> <li>Depth: usually shallow</li> <li>Wound Margins: irregular</li> <li>Exudate: moderate of heavy</li> <li>Edema: pitting or non-pitting; possible induration and cellulitis</li> <li>Skin Temp: normal; warm to touch</li> <li>Tissue: granulation frequently present; may be covered with fibrinous slough</li> <li>Infection: less common</li> </ul>	<ul> <li>Color: base of wound, pale/pallor on elevation</li> <li>Skin: shiny, taut, thin, dry, hair loss of lower extremities, atrophy of subcutaneous tissue, dependent rubor in affected extremity</li> <li>Depth: May be deep</li> <li>Wound Margins: even/punched out</li> <li>Exudate: dry/minimal</li> <li>Edema: variable</li> <li>Skin Temp: decreased/cold</li> <li>Tissue: granulation rarely present</li> <li>Infection: frequent (signs may be subtle)</li> <li>Necrosis, eschar, gangrene may be present</li> </ul>	fi ssuring and/or callus formation  • Exudate: variable  • Edema: cellulitis, erythema and induration common  • Skin Temp: warm  • Tissue: Granulation may be present or obscured by callus  • Necrotic tissue variable,



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	throbbing by activity and by activity and v rest and  "Pins and needle "burning," "elect Partially relieved PERIPHERAL PULSE	ric shock"
<ul><li>Dull, aching, "heavy"</li><li>Worsened by</li><li>Cramping, t</li><li>Worsened b</li></ul>	throbbing by activity and by activity and v rest and  "Pins and needle "burning," "elect Partially relieved PERIPHERAL PULSE	ric shock"
<ul> <li>CAPILLARY REFILL</li> <li>Normal-less than 3</li> <li>seconds</li> <li>tibial and/or of CAPILLARY REFILL</li> <li>Delayed — In the capital and th</li></ul>	diminished posterior  • ABI may be false to non-compress	ES t/May be ely elevated due
Treatment		
<ul> <li>damaged veins</li> <li>Elevation of legs</li> <li>Compression therapy to provide at least 30mm hg compression @ ankle</li> <li>Options:</li> <li>Short stretch bandages</li> <li>Medications transit through transit</li></ul>	<ul> <li>Pressure relief for ulcers</li> <li>to improve RBC agh narrowed vessels anges (no tobacco, no constrictive voidance of cold)</li> <li>Appropriate footwear at ropriate footwear at APY</li> <li>Pressure relief for ulcers</li> <li>"Offloading" for pulcers (bedrest or casting or orthops shoes)</li> <li>Appropriate footwear at (debridement of a necrotic tissue, or consult for expose antibiotic coverage</li> </ul>	heal plantar contact edic wear atrol on control any thopedic ed bone,

## **TOPICAL THERAPY GOALS**:

- Absorb exudate
- Maintain moist wound surface
- Improve dermatitis if present
- Reduce edema

- KEEP DRY
- Dry infected wound: IMMEDIATE referral for surgical debridement/aggressive antibiotic therapy
- Open wound goals
- Moist wound healing
- Non-occlusive dressings
- Non-adherent dressings

## TOPICAL THERAPY

- Avoid use of occlusive dressings
- Dressing to absorb exudate/ keep surface moist
- · Maintain a dry, stable, noninfected heel eschar
- Treat and open DFU with topical and systemic antibiotics

