





Instructions for 60 Second Foot Screen June 5 2020






Careful inspection of the feet of our patients with diabetes on a regular basis is one of the easiest, least expensive and most effective measures for preventing foot complications.


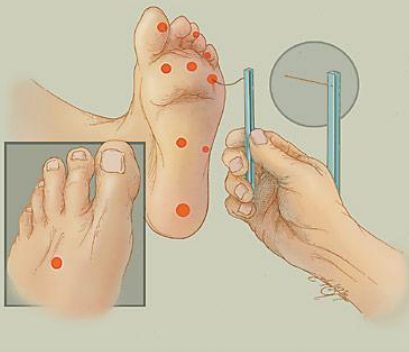
Appropriate care of diabetic feet requires recognition of the most common risk factors for limb loss. Many of these risk factors can be identified based on specific aspects of the history and a brief but systematic examination.

Question	Photograph	Examination Method	Significance of “Yes Answers”
1. Previous Ulcer		Ask the patient Assess both lower legs and feet (dorsal and plantar surfaces) for the presence of a healed ulcer as evidenced by scar tissue	HIGH RISK for further DFU/Amputation Vascular impairment Sensory, Motor neuropathy Trauma/ Ill-fitting shoes Charcot foot
2. Previous Amputation		Count toes Observe if foot or limb amputation present	HIGH RISK for further Amputation Vascular impairment Sensory neuropathy Motor neuropathy
3. Deformity		Observe for deformity and/or abnormality in shape or structure of either foot is observed (bony prominences/ hammer toes)	Risk for Charcot foot Loss of medial arch (intrinsic minus foot) High medial arch Motor neuropathy High pressure on bony prominences
4. Absent Pedal Pulses		Palpate Dorsalis Pedis & Posterior Tibial  Note: Yes requires absence of both pulses	HIGH RISK for Ischemia Absence of Posterior Tibial is always an abnormal finding Vascular testing is recommended

Check **all** web spaces for moisture/fungal infection



Question	Photograph	Examination Method	Significance of “Yes Answers”
<p>5. Active Ulcer</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Check footwear for wear patterns, items within shoe, suitability of shoe</p> </div>		<p>Assess both lower legs and feet (dorsal and plantar surfaces) for openings in the skin with a dermal or deeper base</p>	<p>HIGH RISK for further DFU/Amputation                      Infection/osteomyelitis                      Vascular impairment                      Sensory, Motor neuropathy                      Trauma/ Ill-fitting shoes                      Charcot foot</p>
<p>6. Ingrown toenail(s)</p> <p> </p>		<p>Inspect distal corners of all nails for embedded nail and/or thickened skin at nail fold</p> 	<p>HIGH risk for infection</p>
<p>7. Calluses</p> <p> </p>		<p>Assess and inspect for presence of thick areas of keratin on the dorsum and sides of feet and toes on both feet</p>	<p>Sensory neuropathy                      Ulcer below callus                      Foot deformity                      High plantar pressures                      Ill-fitting shoes</p>
<p>8. Blisters</p>		<p>Inspect feet for fluid (serum, blood or pus) under intact skin surface.</p>	<p>Sensory neuropathy                      Foot deformity                      Trauma                      High plantar pressures                      Ill-fitting shoes</p>

<p>9. Fissure (linear crack, dry skin)</p>		<p>Inspect feet for dry skin and linear cracks break with dermal base or deeper base.</p>	<p>Autonomic neuropathy Loss of sympathetic innervation Infection Microvascular gangrene (poor healing) Aching, pulsation, tightness, cramping, pruritus</p>
<p>10. Monofilament exam</p>		<p>Each foot is examined separately Use 10g Semmes Weinstein monofilament per schematic below</p> <p>Record negative reaction</p> <p>1) Right _____/10 negatives (4 negatives = Yes)</p> <p>2) Left _____/10 negatives (4 negatives = Yes)</p>	<p>Large fibre neuropathy: Loss of protective sensation is associated with a seven-fold increase in risk of DFU</p> <p>Small fibre neuropathy Significant morbidity from stabbing/ burning pain, or abnormal sensation of the skin (tingling, cold or itchiness) Allodynia; numbness and exquisite sensitivity, pain often worse at night</p>

#### Testing for Sensory Neuropathy with 10g Monofilament

- Explain reason for testing sensation
- Demonstrate monofilament to patient's arm or upper leg bending it in a letter "C" shape
- **Ask the patient to close their eyes**
- Randomly test all 10 areas on diagram (Do not test over calluses, scars or ulcers)
- Record tested areas on foot images
- Lack of feeling (4 or more out of 10) - indicates a negative reaction = Neuropathy = "YES" on screening tool

Monofilament Testing Recording Sheet

