

Supplemental Table S1. Morphological characteristics of the healing process of diabetic foot ulcers**(a) Based on healing time**

Category	Subcategory	Healing time											
		≤ 30 days				31-90 days				91 days ≤			
		I	P	M	H	I	P	M	H	I	P	M	H
Depth	Dermal level	X	X	X		X						X	
	Tendon level									X			
	Bone/joint level									X	X		
Size	Enlargement									X			
	Decrease			X			X	X			X	X	
Granulation tissue	Red granulation tissue	X	X	X		X		X		X	X	X	
	Granulation tissue with swelling									X			
	Bright red granulation tissue												
	Granulation tissue with bumpy surface			X							X		
	Excessive granulation tissue												
Necrotic tissue	Eschar					X				X			
	Hard slough					X				X	X		
	Soft slough	X				X	X			X	X		
	Oatmeal/porridge-like necrotic tissue						X					X	
Translucent film	Translucent film			X				X		X	X		
Wound edge	Maceration	X		X		X	X			X	X	X	
	Red ring					X				X			
	Hyperkeratosis		X	X			X				X	X	
	Rolled												
	Petechiae									X			
	Pink ring											X	
	Bridging		X	X							X	X	
Tunnel/ Undermining	Tunnel									X	X		
	Undermining									X	X	X	
Surrounding skin	Pink-purple-red change in skin color (non-infection)					X	X	X	X	X			
	Pink-purple change in skin color (post-infection)										X	X	
	Redness and swelling	X				X	X			X	X		
	Hyperpigmentation	X	X				X	X		X	X	X	
	Keratin flakes	X	X	X	X	X	X	X	X	X	X	X	
	Natural redness						X						
	Hypopigmentation		X							X	X	X	
	Purpura/old bleeding	X									X		
	Fine lines						X	X				X	

I: inflammatory phase, P: proliferation phase, M: maturation phase, H: healed
X indicates that it was observed.

(b) Based on primary pathogenic factor (the Kobe classification)

Category	Subcategory	The Kobe classification																
		Type I				Type II				Type III				Type IV				
		I	P	M	H	I	P	M	H	I	P	M	H	I	P	M	H	
Depth	Dermal level	X	X	X									X				X	
	Tendon level	X											X			X	X	X
	Bone/joint level					X							X				X	
Size	Enlargement	X				X							X				X	
	Decrease		X	X			X	X			X	X		X	X	X	X	X
Granulation tissue	Red granulation tissue	X	X	X		X	X	X		X	X	X				X	X	
	Granulation tissue with swelling	X	X							X	X			X				
	Bright red granulation tissue									X								
	Granulation tissue with bumpy surface		X	X									X				X	
	Excessive granulation tissue		X										X				X	
Necrotic tissue	Eschar					X				X				X				
	Hard slough	X	X			X	X			X	X			X	X			
	Soft slough	X	X			X	X	X		X	X			X	X	X		
	Oatmeal/porridge-like necrotic tissue						X	X								X		
Translucent film	Translucent film			X			X			X	X				X	X		
Wound edge	Maceration	X	X	X		X	X	X		X	X	X		X	X	X		
	Red ring	X				X				X	X			X				
	Hyperkeratosis		X	X			X	X			X	X			X	X		
	Rolled										X							
	Petechiae					X				X								
	Pink ring			X														
	Bridging		X	X			X	X			X					X	X	
Tunnel/ Undermining	Tunnel									X				X		X		
	Undermining	X	X					X		X	X							
Surrounding skin	Pink-purple-red change in skin color (non-infection)	X	X			X	X	X	X	X	X			X	X			
	Pink-purple change in skin color (post-infection)															X	X	
	Redness and swelling	X					X			X	X			X				
	Hyperpigmentation	X	X	X		X	X	X		X	X			X	X	X		
	Keratin flakes	X	X	X	X	X	X	X	X	X	X	X		X	X	X		
	Natural redness		X	X						X						X	X	
	Hypopigmentation	X	X			X	X	X			X			X	X	X		
	Purpura/old bleeding	X	X			X	X				X			X				
Fine lines		X	X			X				X	X			X	X			

I: inflammatory phase, P: proliferation phase, M: maturation phase, H: healed
X indicates that it was observed.