

JSW Scar Scale (JSS) 2015 (Classification and Evaluation of Keloids and Hypertrophic Scars)

Classification (For grading and selection of appropriate treatment methods)			Evaluation (For judging treatment results and for following-up)			
Risk factors			1. Induration			
1. Human race	Africans	2	0 : None	1 : Weak	2 : Mild	3 : Strong
	Others	1				
	Caucasians	0	2. Elevation (Figure 5)			
2. Familial tendency	Clearly exists	1	0 : None	1 : Weak	2 : Mild	3 : Strong
	Not clearly	0				
3. Number	Multiple	2	3. Redness of scars (Figure 6)			
	Solitary	0	0 : None	1 : Weak	2 : Mild	3 : Strong
4. Region	Anterior chest, Scapular-Shoulder, Suprapubic	2				
	Others	0				
5. Age at onset	0–30 y/o	2	0 : None	1 : Weak	2 : Mild	3 : Strong
	31–60 y/o	1				
	60– y/o	0				
6. Causes	Unknown or minute	3	0 : None	1 : Weak	2 : Mild	3 : Strong
	Specific wound type such as surgery	0				
Present symptoms			6. Itch			
7. Size (cm ²)	Over 20cm ²	1	0 : None	1 : Weak	2 : Mild	3 : Strong
	Under 20cm ²	0				
8. Vertical growth (Elevation) (Figure 1)			Total 0–18			
9. Horizontal growth (Figure 2)	Clearly exists	2	Remarks			
	Not clearly	0				
10. Shape (Figure 3)	Clearly exists	3	Weak: symptoms exist in less than 1/3 of the area, or are intermittently			
	Not clearly	0				
11. Erythema around scars (Figure 4)	Characteristic shape	3	Mild: between weak and strong			
	Others	0				
12. Subjective symptoms	Clearly present	2				
	Not present	0				
12. Subjective symptoms	Always exist	2				
	Intermittent	1				
	None	0				
Total 0–25						
Remarks						
0–5	Character like matured scars	(intractability : low risk)				
6–15	Character like hypertrophic scars	(intractability : middle risk)				
16–25	Character like keloids	(intractability : high risk)				

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Figure 1 Vertical growth (elevation)



Clearly exists



Not clear

Figure 2 Horizontal growth



Clearly exists



Not clear

Figure 3 Shape



Characteristic shape

Others

Figure 4 Erythema around scars



Clearly present



Not present

Figure 5 Elevation



Strong



Weak



Mild



None



Figure 6 Redness of scars



Strong



Mild



Weak



None

Figure 7 Erythema around scars



Strong



Mild



Weak



None

