

## JSW Scar Scale 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			Induration			
1. Human race	Africans	2	0 : Non	1 : Weak	2 : Mild	3 : Strong
	Others	1				
	Caucasians	0	Elevation (Figure 5)			
2. Familial tendency	Clearly exists	1	0 : Non	1 : Weak	2 : Mild	3 : Strong
	Not clearly	0				
3. Number	Multiple	2	Redness of scars (Figure 6)			
	Solitary	0	0 : Non	1 : Weak	2 : Mild	3 : Strong
4. Region	Anterior chest, Scapular-Shoulder, Suprapubic	2				
	Others	0	Erythema around scars (Figure 7)			
5. Age at onset	0—30 y/o	2	0 : Non	1 : Weak	2 : Mild	3 : Strong
	31—60 y/o	1				
	60— y/o	0	Spontaneous and pressing pain			
6. Causes	Unknown or minute	3	0 : Non	1 : Weak	2 : Mild	3 : Strong
	Specific wound type such as surgery	0				
Present symptoms			Itch			
7. Size (cm <sup>2</sup> )	Over 20cm <sup>2</sup>	1	0 : Non	1 : Weak	2 : Mild	3 : Strong
	Under 20cm <sup>2</sup>	0	Total 0-18			
8. Vertical growth (elevation)	Clearly exists	2	Remarks Weak: symptoms exist in less than 1/3 of the area, or are intermittently Strong: symptoms exist in the entire region, or are continuous Mild: between weak and strong			
Figure 1	Not clearly	0				
9. Horizontal growth	Clearly exists	3				
Figure 2	Not clearly	0				
10. Shape	Characteristic shape	3				
Figure 3	Others	0				
11. Erythema around scars	Clearly present	2				
Figure 4	Not present	0				
12. Subjective symptoms	Always exist	2				
	Intermittent	1				
	Non	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)				

Ogawa R, Akaiishi S, Akita S, Okabe K, Shimizu T, Sunaga A, Tosa Y, Nagao M, Yamawaki S. JSW Scar Scale Working Group. Japan Scar Workshop (JSW) Scar Scale 2015. Available online at: <http://www.scar-keloid.com/en/index.html>

Figure 1 Vertical growth (elevation)



Clearly exists

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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



Non



Figure 6 Redness of scars



Strong



Mild



Weak



Non

Figure 7 Erythema around scars



Strong



Mild



Weak



Non

