

Vancouver Scar Scale

Scar characteristic	Score
Vascularity	
Normal	0
Pink	1
Red	2
Purple	3
Pigmentation	
Normal	0
Hypopigmentation	1
Hyperpigmentation	2
Pliability	
Normal	0
Supple	1
Yielding	2
Firm	3
Ropes	4
Contracture	5
Height (mm)	
Flat	0
<2	1
2~5	2
>5	3
Total score	13

Intralesional [triamcinolone acetonide](#) (TAC; a synthetic [corticosteroid](#)) and 5-[fluorouracil](#) (5-FU; a cytotoxic chemotherapy drug) are the [medications](#) most commonly used to treat [keloid scars](#). Kaur et al. investigated the [clinical efficacy](#) of TAC compared with 5-FU. They included 40 patients in the study and divided them into two equal groups (n = 20 Group A; n = 20 Group B). Group A patients received 4 mg/cm² or 0.1 ml/cm² of intralesional TAC (40 mg/ml) at 3-week intervals. Group B patients received 10 mg/cm² or 0.2 ml/cm² of intralesional 5-FU (50 mg/ml) at 3-week intervals. They assessed the [scar](#) using the [Vancouver Scar Scale](#) (VSS), [visual analog scale](#) (VAS), and patient [satisfaction](#) score (PSS). They found that Group A patients had a lower VAS than Group B patients (2.09 vs. 3.18). They saw a reduction in the VSS in both treatment arms; however, they found that Group B patients had a more marked reduction in the VSS compared with Group A patients (2.57 vs. 2.68). The PSS was higher in Group A than in Group B (1.97 vs. 1.78). They concluded that intralesional 5-FU elicits a better response than intralesional TAC. Although 5-FU is less well tolerated and has more side effects than TAC, we found that 5-FU was more effective in resolving keloid scars. Notably, the PSS was higher in the TAC group, but the VSS and VAS were better in Group B ¹⁾.

1)

Kaur A, Garg R, Mittal RK, Shah S, Patial T, Addiwal R. Comparative Efficacy of Intralesional Triamcinolone Acetonide and 5-Fluorouracil for Keloid Scars. *Plast Aesthet Nurs (Phila)*. 2022 Oct-Dec 01;42(4):184-189. doi: 10.1097/PSN.0000000000000465. PMID: 36469388.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=vancouver_scar_scaleLast update: **2024/06/07 02:50**