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Summary

USE OF ORAL GLUCOSAMINE PLUS VITAMIN C IN THE TREATMENT OF DIFFICULT-TO-CLOSE SURGICAL/ TRAUMATIC ANAL WOUNDS

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A case report describes successful healing of a non-healing post-surgical anal wound in a 37-year-old woman after treatment with oral glucosamine phosphate 1000 mg three times daily and vitamin C 500 mg twice daily.

KEY POINTS

- The patient had a posterior anal fissure that failed to heal after 2 months of local treatment and remained unhealed 4 months after surgical fissurectomy and anoplasty, with persistent bleeding and soiling despite hyaluronic acid treatment.
- After initiating oral glucosamine phosphate 1000 mg three times daily and vitamin C 500 mg twice daily, bleeding and soiling disappeared and the wound completely healed within two weeks.
- The authors suggest that oral glucosamine, combined with vitamin C, could accelerate surgical or traumatic anal wound closure in cases of delayed or difficult healing, noting that glucosamine is natural, well-absorbed, inexpensive, and has basically no side effects at clinical doses.
- The authors state that whether glucosamine use can prove beneficial for other conditions such as gastrointestinal ulcers needs to be investigated.
- This case report may be of interest to clinicians managing difficult-to-heal post-surgical anal wounds or other wound-healing challenges.

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