

Introduction

Debridement is basic surgical principle of removing necrotic tissue and converting chronic wound into acute wound to promote healing. It can be performed from simplest of dressing change to amputation.¹ Monofilament fiber debridement pads are easy and alternative way to debridement of sensitive body parts such as hands. Purpose of this study is to show alternative methods for precise debridement and comparing them to conventional options to see if this method is a viable option for debridement.^{2,3}

Method

A total of three groups of 8 patients with second degree deep burn are selected than debridement methods of chemical, curette and debridement pad applied under light sedation. Results of debridement determined after 1 week of use and compared as in residual necrotic tissue and even debrided surface. Additionally, Patients were given pain scale of 1 to 10 during debridement. In one week one tube of chemical debridement, 2 packets of debridement pad used and curette debridement performed twice.

RESULTS/DISCUSSION

In the patient of group with chemical debridement necrotic tissue was still present after 1 week of use. In the group of debridement pads and surface was even therefore recovery was much faster. Most affordable was debridement with curette and others were expensive debridement pad was 1400 ₺ and one tube of cream was 900 ₺. Average pain score was 2 with chemical debridement, 3 with debridement pad and 8 debridement with curette.

Literature is limited on monofilament fiber debridement tools and as surgeons we always prefer sharp and deep debridement for optimal result. However, hands, face and pediatric patient require more precision and we should as my vital tissue as possible. Therefore monofilament fiber pads are new option for this purpose.³

CONCLUSION

Using debridement methods like debridement pad are great substitute to surgical debridement. Debridement pads may offer a viable alternative to surgical debridement, especially in delicate areas like the hands and face. It can be used by any healthcare provider than doctor and results in painless, precise and immediate debridement in outpatient clinics.



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