

WOUND DEBRIDEMENT USING HIGH VELOCITY WATER STREAM

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Aim: There are many ways of wound debridement: surgical, enzyme based, maggot, autolytic, chemical. We want to present our experience in debridement of necrotic wounds using high velocity water stream.

Methods: Debridement was done on various types of wounds with necrotic tissue (burn wounds, infected wounds). Wound size varied from 1% to 12% of total body surface. Water stream with velocity of 426-1628 km/h was used.

Results: We were able to remove almost all necrotic masses with minimal injury to healthy tissue, even in hard to reach places. After procedure quick formation of granulation tissue was observed.

Conclusions: Debridement using high velocity water stream is very effective and quick way of removing necrotic tissue from the wound with minimal injury to healthy tissue, even in hard to reach places.