

Supplemental Table 1. COCHRANE DATABASE SYSTEMATIC REVIEW: WOUND DEBRIDEMENT SUMMARY

Lead Author, Year, Topic, Title	Study Aims and Methodology	Principle Findings Relevant to Planned Articles
Wormald et al (2020) ¹⁷ <i>Cochrane, hydrosurgical, burns</i> Hydrosurgical debridement versus conventional surgical debridement for acute partial-thickness burns	Cochrane review of hydrosurgery in burns Only one RCT (Hyland et al, 2015) met the inclusion criteria with results from 61 pediatric patients.	"Despite the increasing use of hydrosurgery, its efficacy and the risk of adverse events following surgery for burns is unclear."
Liu et al (2018) ¹⁸ <i>Cochrane, DFU, NPWT</i> NPWT for treating foot wounds in people with diabetes mellitus	Cochrane review to assess NPWT compared with standard care in DFU Eleven RCTs met the inclusion criteria with results from 972 participants.	"We cannot be certain whether NPWT is effective for treating foot wounds in people with diabetes."
Gethin et al (2015) ¹⁹ <i>Cochrane, venous leg ulcers, debridement</i> Debridement for VLU	Cochrane review to assess the effect of different modalities compared with no debridement in VLUs Outcome measures included rate of debridement and wound healing. Ten RCTs met the inclusion criteria with results from 715 participants. Eight RCTs evaluated autolytic debridement, and two assessed enzymatic debridement.	"There is limited evidence to suggest that actively debriding a VLU has a clinically significant impact on healing. The overall small number of participants, low number of studies, lack of meta-analysis in this review precludes any strong conclusions of benefit. Larger trials with follow-up to healing are required."
Smith et al (2013) ²⁰ <i>Cochrane, surgical wounds, debridement</i> Debridement for surgical wounds	Cochrane review to assess the effects of different modalities in surgical wounds Outcome measures were rate of debridement and wound healing. Five RCTs met the inclusion criteria with results from 159 participants.	"There is a lack of large, high quality published RCTs evaluating debridement per se, or comparing different methods of debridement for surgical wounds, to guide decision-making."
Edwards and Stapley (2010) ²¹ <i>Cochrane, DFU, debridement</i> Debridement of DFUs	Cochrane review to assess the effects of debridement interventions on the healing of DFUs Six RCTs met the inclusion criteria.	"Surgical debridement showed no benefit over standard treatment. There is insufficient evidence (one small trial, abstract only) of the effects of larval therapy on DFU. There is evidence that hydrogel increases the healing rate of DFU compared with gauze dressings of standard care."

Abbreviations: DFU, diabetic foot ulcer; NPWT, negative-pressure wound therapy; RCT, randomized clinical trial; VLU, venous leg ulcer.