Patients with diabetes and a foot ulcer referred to Monash Medical Centre Podiatry Department from Medical, Nursing or Allied Health Staff or self referral (inpatient and outpatient settings)

Initial podiatry assessment for screening and eligibility

Baseline assessment: assessment of outcome measures

Randomisation (n=322 ulcers / n=108 participants)

Non-surgical sharps debridement (n=161 ulcers / n=54 participants)

Weekly treatment for 6 months or until healed (Whichever occurs first)

End of each week, assessment of primary outcome (ulcer size) and secondary measures (pain prior, during and after treatment and health care resource use)

Low frequency ultrasonic debridement (n=161 ulcers / n=54 participants)

Weekly treatment for 6 months or until healed or until no longer clinically indicated (Whichever occurs first)

If LFUD is no longer indicated, active control group treatment will be implemented until healed

End of months 3 and 6 assessment of secondary outcomes

Exclusions based on eligibility criteria