

The Impact Pain, Anxiety and Stress Levels Have on Acute Burn Wound Healing in Children

ACTRN12611000913976

Status RECRUITING
Sponsor Diversionary Therapy Technologies
Enrollment 60 participants

Plain Language Summary

This study is testing whether using a virtual reality distraction device (called Ditto) during burn wound care procedures reduces pain and anxiety in young children with burns. Burn dressing changes can be very painful and frightening for children. The Ditto device provides engaging visual and audio content to distract the child during the procedure. Researchers will also track whether distraction affects how quickly the burn heals.

You may be eligible if:

- Your child is between 4 and 12 years old
- Your child is an outpatient with an acute burn injury
- The burn covers less than 15% of the body surface area
- This is the first dressing change for the burn

You may NOT be eligible if:

- Your child does not speak English
- Your child has a cognitive impairment
- Your child has a significant visual or hearing impairment
- Your child has autism spectrum disorder or another illness in addition to the burn
- Your child is receiving sedation (midazolam or Entonox)
- The child is known to child protection services or has been reported for suspected abuse

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (6)

- Children 4-12 years
 - Outpatients
 - Acute burn injury
 - Any burn depth
 - Total body surface area (TBSA) of the burn <15%
- ... and 1 more (see full listing online)

Exclusion (8)

- Non-English speaking
- Cognitive impairment
- Visual impairment
- Auditory impairment
- Diagnosis of ASD or illness in addition to burn

... and 3 more (see full listing online)

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12611000913976>

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Locations (1 total)

Australia