

Queensland Poisons Information Centre

Suspected Stonefish Sting Treatment Pathway

(Affix patient identification label here)

Stonefish envenomation causes severe pain, local redness, and swelling. Systemic symptoms such as nausea, vomiting, and dizziness are uncommon.

PAIN MANAGEMENT

Hot Water Immersion

Immerse affected limb in 45 degree water for 20 - 30 minutes

Oral Analgesia

Consider paracetamol, ibuprofen, oxycodone

Parenteral Analgesia

Consider opioids

Local Block

- Regional anaesthetic block is very effective in managing severe pain following stonefish sting and should be used in patients that have ongoing pain after hot water immersion and analgesia.
- Antivenom appears ineffective in managing severe pain following stonefish sting and is not recommended.

WOUND MANAGEMENT

Retained foreign bodies (stonefish spines) occur in approximately 10% of stings presenting to hospital. Retained spines are radio-opaque. Consider an X-ray to exclude a foreign body.

Ensure tetanus prophylaxis is up to date.

Reference

Armstrong J, Harris K, Wylie C, Isoardi KZ. Suspected stonefish envenomation in Queensland over eight years: a retrospective series. Clin Toxicol (Phila). 2023 Nov;61(11):956-960. doi: 10.1080/15563650.2023.2287976. Epub 2023 Dec 19. PMID: 38060371.

