**Case Study Abstract (illustrative example only)**

**Title** *(max 15 words)*

**Prompt first aid and advanced dressings in emergency burn wound protocols.**

**Abstract** *(max 250 words)*

**Situation**

During a bonfire get-together, a 22-year-old male attempted to push several logs into the blaze, at which point he burned both of his hands.

**Action(s) taken/ treatment provided**

Before taking the patient to hospital, his friends immediately treated the burns by running cool water over them for several minutes. On admission to the local Emergency Department, the patient had superficial burns to his right hand and a partial thickness burn on his left palm. The patient’s hands were thoroughly cleansed to remove any foreign bodies and potentially infective organisms. Both wounds were dressed with advanced antimicrobial dressings due to the high risk of infection. Dressings were changed daily, using a foam as a secondary dressing to the left palm due to high wound exudate.

**Outcome(s)**

Despite the use of antimicrobial dressings, the patient developed a local staphylococcal infection in the left hand, which was treated with a 5-day course of oral antibiotics. Both burns were fully epithelialized within 14 days.

**Lesson(s) learned**

Prompt first aid followed by use of both local and systemic antibiotic therapy was effective treatment for the burns on the hands of this patient and aligns with emergency burn wound protocols and moist wound healing principles.