

Radiation Burn / Dermatitis, Chemical Burn & Necrobiosis Lipodica Case Studies

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Radiation Burn / Dermatitis

Case Study 1: 63 year old female S/P lumpectomy with chemotherapy and radiation to the breast. She developed a burn to the area with noted dermatitis at the completion of radiation treatments. Area was very painful and blistered. Hydrofera Blue radiation dressing was applied and held in place with netting. There was significant pain reduction reported within hours of application. Wounds healed in 17 days of starting therapy.



Started



Healed in 17 Days

Radiation Burn / Dermatitis

Case Study 2: 85 year old male S/P excision of Squamous cell carcinoma of the right temple x 2, the second excision prompted the surgeon to treat area with radiation. The radiation caused the patient's skin to burn and develop a dermatitis surrounding the wound. Started Hydrofera Blue on patient and he healed in 83 days.



Started



Healed in 83 Days

Chemical Burn

Case Study 1: 57 year old male spraying insecticide containing the cyhalothrin, came into contact with hands and arms. Flushed area with water after contact. Within 24 hours of exposure, developed painful 10/10 blisters. He was seen in ER, prescribed Silvadene cream which provided no relief in symptoms. Exposed area developed progressive burning sensation resulting loss of coordination in hands. First presentation to the office was 9 days after contact. Hydrofera Blue was started, there was complete resolution of pain, burning and wounds in 9 days. Patient reported that in 1 hour post-application he had significant pain reduction and within the first 3 hours of dressing application he was pain-free.



Started



Mid-treatment



Healed

Necrobiosis Lipodica

Case Study 1: 48 year old female with wounds on shins. Wounds present for 3 years. Treated at wound care center and given diagnosis of pyoderma gangrenosum, tried multiple treatments resulting in thick black and flesh colored eschar which festered and drained on regular basis. Wounds did not resemble pyoderma gangrenosum, debrided eschar and obtained biopsy, which provided diagnosis of necrobiosis lipodica. Work-up for diabetes was negative. Hydrofera Blue was placed on sites which significantly decreased pain at wound sites and healing is occurring. Wounds decreased significantly in size since therapy and progression to wound closure is expected soon.



Started



Healing