

23Rd WORLD NURSE PRACTITIONER CONFERENCE

September 28-29, 2017 Dubai, UAE

Management of radiation-induced skin injury followed Percutaneous Coronary Interventions: Case reports

Ya-Zhen Jiang

Cathay General Hospital, Taiwan

The prevalence of radiation-induced skin injury followed fluoroscopy-guided coronary intervention increased due to the duration and repetitive courses increased. Radiation-induced skin injury is difficult to manage and there is no treatment guideline till now. Here, we aimed to identify the optimal treatment of radiation-induced skin injury. We retrospectively reviewed seven patients with radiation-induced skin injury followed complex coronary intervention in our hospital from 2012 to 2016. They received surgical intervention or conservative treatment by plastic surgeons. Seven patients referred from dermatologists or cardiovascular specialists were all diagnosed as radiation-induced skin injury followed fluoroscopy-guided coronary intervention by history of fluoroscopic intervention or pathology report. Three patients received adequate excision and slit thickness skin graft resurfacing, two patients received fat graft injection below the lesions and rest of two patients received topical steroid ointment and amorphous hydrogel treatment. None of them received hyperbaric oxygen therapy and they are all satisfied with the outcome aesthetically and functionally. Fluoroscopy-induced skin injury is a threat in patients who ever received complex coronary interventions and easily get overlooked. Adequate excision of the injury area and fat graft injection are both good options for severe radiation skin injury managements.

Biography

Ya-Zhen Jiang is a RN of Department of Nursing in Cathay General Hospital, Taipei, Taiwan.

mrsa3769@gmail.com

Notes: