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The multidisciplinary team in wound management

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The idea of a multidisciplinary team approach has been accepted as one of the best way to deliver wound care. A major challenge is the lack of the united services which aimed at addressing the complex needs of an individual with wounds. The concept of multidisciplinary suggests the use of different disciplines to answer a clinical problem. In the small wound, management wound care by WOCN (wound ostomy continent nurse) sometimes is enough and the wound become better in the short time but in complex wound or more life-threatening form beside wound care other factors such as nutrition, calories, psychology, family training, endocrine and electrolyte balance, heart evaluation etc., must be consider. Use of all modern wound dressings without accepting these factors is useless. This article reviews the case of 20 years old boy with a lateral skin and abdominal wall traumatic degloving injury. Due to the lack of viable tissue, we had to manage wound with openly. After initial resuscitation and hemostasis, we began to care and dressing the wound in the hospital for about 4 months with multidisciplinary team includes all special which we had needed for example nutritionist, colorectal and plastic surgeon, psychiatrist, nephrologist etc. Calories consumption is one of the most important factors in these cases. You must balance all protein, vitamins and a nutritional element for better healing. Oral feeding in the best way besides parental helping for wound management. Daily irrigation and debridement for the early stage by the surgeon in the second factor till we remove all necrotic tissue. Family support and psychological consulting must be done as soon as possible for reassuring patient and families. We checked and balanced all electrolyte every day. Mobilization of the patient in early phase prevents thromboembolic event with the anticoagulant drug. Multistage plastic surgery should be done by covering the internal organs. In this case, after 4-month patient discharged and the wound covered totally after one year. In summary, we believe that effective management of wounds as a team requires the elements such as using all specialty for improvement, making a good and healthy psychological environment and supporting by the hospital and patient insurance.

Biography

Saman Mohammadipour is a colorectal surgeon with a decade experience in wound management. He used all the method for wound care and has experienced in vacuum therapy. In this article, he presents a case with a deadly wound which is managed by a multidisciplinary team.

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