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# Various methods of sacral pressure sores management in Bangladesh- An early experience

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Pressure sores are the challenging wounds to manage surgically, not only for the reconstructive techniques but also for the comorbidities and the special physical characteristics of various patients. This is a retrospective study of 32 cases of sacral pressure ulcers of patients aged 25 to 76 years managed over a period from 2016 to 2021 at various hospitals. Various reconstructive options i.e., rotation-advancement flap, V-Y advancement fascio-cutaneous flap, gluteal perforator flaps etc. were considered for the coverage of sacral wounds grading III, IV and size varying from 20cm2 to 200cm2. The donor sites were closed primarily in all cases. Follow-up observations were conducted for an average of 9 months (ranged from 6 months to 2 years). Cosmetic results were satisfactory, with no surgical site breakdown or recurrence in any of the cases. Other than various reconstructive surgeries following an algorithm various technique of wound preparation is crucial for better outcome.

#### **Recent Publications**

- Humayra ZU, Awwal R, Kalam MA, et al. Vaginal Reconstruction Using Pudendal Thigh Flap: A Study of 20 Cases. Surg Res. 2019; 1(3): 1-6.
- Humayra Z U et al., Various methods of reconstruction for fingertip injuries: millimeters matters. J Univer Surg 2019, Volume:7.
- Afrina Sharmin, Mostafa Amin Khan, Zaman Ummay Humayra, Rezwan Shah, et al. Challenges of dealing diabetic foot and step wise surgical management. Volume 2. Number 2. July 2020.

#### Biography

Zaman Ummay Humayra has completed her fellowship on plastic and reconstructive surgery from Tokyo Women Medical University, Japan at the age of 34 years and later she completed fellowship on same subject from Bangladesh College of Physicians and Surgeons. She is working as associate professor in Plastic Surgery Department in Japan East West Medical College Hospital, Bangladesh. She is actively associated with cancer reconstruction and breast reconstruction surgeries. She has published 10 papers in different national and international journals and has been serving as an editorial board member of a national journal.

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