

Managing Peristomal Skin Complications with appropriate appliances : Cases series

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Background

Stoma retraction is peristomal skin complication, mean stoma no longer lies on abdominal wall, appears sunken or in dip, caused by excessive tension on bowel, mobilize bowel adequately, suture fixation of bowel isn't adequate to prevent retraction. Obese, thick abdominal fat fold, stoma is in abdominal crease, that lead to skin irritation and improper fixation of the stoma appliance, shorten wear time to use ostomy appliances, increase cost, convex faceplate and a tight belt may be used to control leakage around appliance, Filler paste can be used to smooth dips and creases around retracted stoma and increase ostomy appliances usage duration.

Methods : Case series

:male 59yrs. BMI29.75 Abdominal fat fold, OR:Radical cystectomy with ileal conduit. Post-operative:mild protruding stoma, under skin level, Peristomal skin crease, mucocutaneous suture line separate. Used1- piece urostomy wear time2days. Management mucocutaneous suture line separate with skin barrier powder,spray and paste.

:female 30yrs. Ca ovary, BMI27.89 Abdominal fat fold, skin crease, OR:Anterior pelvic excenteration with ileal conduit. Post-operative:mild protruding stoma in dip under abdominal fat fold, peristomal skin was wrinkled. Apply skin barrier spray and paste around stoma for prevent peristomal skin,increased skin level. Pouching1-piece urostomy wear time was1-2days.

:female 65yrs. BMI29.33 Abdominal fat fold and flabby belly,no stoma site marking. OR:Radical cystectomy with ileal conduit. Post-operative:mild protruding stoma in dip under abdominal fat fold skin. Used1-piece urostomy wear time1-2days.

Most factors of retraction stoma were thick abdominal fat fold, high BMI and failure to mobilize adequate bowel. Management retraction stoma by used convexity45mm. and ostomy belt used to control leakage around appliance.

Results :3cases wear time of appliances when used convexity flanges and ostomy belts extended from1-2days to6-7days. Patients are satisfied and have normal life to living with stoma.

Conclusions: Convexity extends length of wear time,prevent peristomal skin damage from exposure urine leakage, cost-effective and increased quality of life.

Reference

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