

Nursing interventions in a patient with contact dermatitis caused by a biliary drain dressing. Clinical case

LAYEDRA ERAZO, KAREN; VALOIS BERNAL, VERONICA; ALCANTARA NARANJO, ALICIA; GARCIA DELGADO, PAULA; MARIN RUIZ, PILAR; GALLARDO ANDUJAR, CRISTINA; IZQUIERDO GARCIA, ISABEL; RODRIGUEZ LOPEZ, MARIA J.

Division of General and Gastrointestinal Surgery. Bellvitge University Hospital (IDIBELL) University of Barcelona. Llobregat Hospital. Barcelona

INTRODUCTION

A possible complication when using any fixation device is contact dermatitis.

Contact dermatitis is a skin disorder, caused by an irritant or a certain allergen. It can cause lesions secondary to sensitivity to some part of the device. It can also lead to symptoms such as pruritus, pain or erythema. Diagnosis by means of contact tests can determine the substance causing the sensitive reaction.

Treatment can include topical corticosteroids, antipruritics, or using a device different to the causal agent.

KEY WORDS: Contact dermatitis, Nursing Interventions. Allergic contact dermatitis.

OBJECTIVE

Establish nursing care in the event of allergic contact dermatitis caused by a biliary drain fixation device.

MATERIALS AND METHODS

We present the clinical case of a 67-year-old patient who attends the Division of General and Gastrointestinal Surgery. The patient is diagnosed with obstructive icterus secondary to cholangiocarcinoma which requires drainage of the bile duct by means of percutaneous transhepatic cholangiography. The patient presents contact dermatitis to the fixation device leading to the presence of small vesicles accompanied by pruritus and localized pain. The wound is cured with skin protectant (polycyanoacrylate) and by changing to a different fixation device.

RESULTS

Over 7 days and using a new fixation device, we are able to completely resolve the allergic contact dermatitis and its symptoms leading to greater patient comfort.

EVOLUTION



Figure 1: Device usually used for attaching biliary drains



Figure 2: Skin with contact dermatitis lesions (Day 8)



Figure 3: Skin with dermatitis cured (Day 12)



Figure 4: Skin with Bedal Drainpatch® adhesive dressing

CONCLUSIONS

The Bedal Drainpatch® dressing consists of an adhesive and a clamp to safely secure the drain. It provides strong adhesion and breathability. Its hypoallergenic composition (free from latex, PVC and DEHP) and size mean less risk of skin alterations and greater patient comfort. Bedal Drainpatch® dressings can be considered to secure drains preventing or decreasing the risk of alterations to the skin barrier.