

**FREON DEGREASER, A NOVEL APPROACH TO DECREASE SKIN ABRASIONS DURING SKIN PREPARATION IN THE PRE-OPERATIVE DEPARTMENT**

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Abrasions and skin cuts associated with the preoperative skin preparation of the groin that may increase the likelihood of surgical site infection.

Will preoperative patients who require a groin prep benefit from improved skin preparation that includes the use of Freon Degreaser, resulting in a smoother more efficient skin prep with a decrease in skin abrasions and cuts?

The pre-op department received approximately two complaints a week about skin abrasions and nicks to the groin, which raised concerns due to possible surgical site infections. After many attempts to correct the problem, we queried the community for answers to our dilemma. The CNS for Sharp Memorial suggested Freon Degreaser. A chemist was consulted to ensure that the product would not interfere with the application of Chlorhexidine-gluconate or cause flammability.

The new product allows for a noticeably improved clipper prep experience for the patient. The patient's skin is less likely to be reddened after the procedure, and the patient does not complain of tugging skin and pulling of hair. Staff completing the prep also express great satisfaction with the product. After the use of this product began, there have been no complaints regarding damaged skin in the groin area.

In conclusion this is a novel approach to skin prepping in the pre-operative environment. It has been well received by staff and patients due to the safety and ease of clipping patients after the application of the product. Departments that prepare patients for surgery should consider using this product to prep the groin.