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NIMED Abstract

Nasogastric tube (NGT) placement is a commonly performed procedure in Emergency Departments (ED). Patients report more pain and discomfort during NGT placement than during any other ED procedure, including urethral catheterization. This study is a randomized, double-blinded control trial to determine if giving an IV dose of midazolam to patients undergoing NGT placement will improve patient comfort and satisfaction as compared to a placebo injection of saline. Two hundred patients will be enrolled, 100 of which will receive midazolam and 100 of which will receive the placebo. All subjects will receive topical analgesic in the form of co-phenylcaine spray in both nostrils. Patient satisfaction will be measured using a questionnaire that allows the patient to rate their discomfort and pain using 100 mm visual analog scales. The Registered Nurses will also be given a questionnaire to evaluate the ease of placement of the NGT. There is currently no standard of care for the placement of an NGT in the FAHC ED. If the outcome of our study shows increased patient and provider satisfaction using midazolam, we hope to make it the standard of care at FAHC. In this way, NGT placement will be an overall better experience for all patients requiring one in the FAHC ED, and it will be an easier procedure for the staff.