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EVALUATION OF THE PHARMACISTS ROLE IN  
PROCEDURAL SEDATION AND ANALGESIA  
PERFORMED IN THE EMERGENCY DEPARTMENT

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Procedural sedation and analgesia for the treatment of urgent or emergent conditions is commonly performed in the emergency department. To date, no studies have been published evaluating the role of pharmacists in procedural sedations. However, it is accepted practice for the ED pharmacists to be present and actively participating at three Franciscan Health System facilities in Washington: St. Joseph Medical Center in Tacoma, St. Francis Hospital in Federal Way and St. Clare Hospital in Lakewood. The objective of this study was to assess the effectiveness and overall outcomes of procedural sedation in the emergency department with or without the presence of a pharmacist. Data was collected retrospectively for the control group and prospectively for the intervention group. The primary outcomes evaluated and compared included length of stay, changes in vital signs and/or condition, need for emergent intervention, use of reversal medications and financial data (profit margins, patient cost, hospital cost). Secondary outcomes included results from a satisfaction survey completed by ED physicians and nurses who have been involved in procedural sedations while a pharmacist is present. Results and conclusions of this study will be presented at the meeting.

