STANDARDIZATION OF PROPOFOL ADMINISTRATION

Team Leaders: Alisa Thorne, MD; Wanda Rodriguez, RN, MA, CCRN, CPAN
Memorial Sloan-Kettering Cancer Center, New York, New York
Team Members: Yat Ling So, RPh; Christopher Chao, RPh, MSBCIS;
Joan McKerrow, RN, MPH, OCN; Wayne Quashie, MSN, RN, OCN;
Janine Kennedy, RN, MA, OCN; Joyce Kane, MSN, RN, CCRN;
Tara Caltabiano, MSN, RN, CCRN; Beth Dee Licht, RN, MA, CPN, CPNP, CPON;
Lisa Kennedy, RN, MA, CEN, CCRN; Kristy Dunleavy, MSN, RN, OCN;
Shaneka Storey, MSN, RN, CPON; Rori Salvaggio, RN

Background: Inconsistent practices in delivering propofol administration: unclear as to which MD, NP, PA could order propofol; unclear as to where propofol IV infusions could be administered; two different units of measure for propofol IV infusions in order sets, IV pump guardrails and ICU/PACU drug dose calculator; no standardization in propofol education for non-CRNA RNs, no sedation scale in propofol IV infusion orders.

Objectives: To standardize practice; obtain agreement as to who could order propofol and where it could be administered; create one unit of measure for propofol IV infusions; create one PowerPoint for teaching purposes; attach a sedation scale to the propofol IV infusion orders.

Implementation: Agreement by all services as to who could order propofol and where propofol could be administered; and as to use only one unit of measure for IV propofol infusions. Orders sets and guardrails on the IV pumps changed to new measure. One PowerPoint presentation developed for teaching non-CRNA RNs. ICU/PACU drug dose calculator updated. Richmond Agitation Sedation Scale was embedded in propofol IV orders. All staff was in-serviced and validated using a competency checklist.

Successful Practice: Clarity of who could order propofol and where it could be administered; eliminated confusion of having two different units of measure in IV infusion order sets, IV pump guardrails and ICU/PACU drug dose calculator; standardized educational plan for all non-CRNAs RNs; RASS scale embedded in IV infusion order sets.

Implications for advancing practice: Standardization throughout including PACUs provides a safer outcome for patients in terms of ordering and administering propofol eliminating confusion and potential errors.