
SAUDI ARABIA MEDICATION SAFETY SELF ASSESSMENT® FOR PERIOPERATIVE SETTINGS

PREPARED BY: SMSC (WITH CORPORATE REGIONAL MSP'S)

IMSN 2022 Meeting

ISMP MEDICATION SAFETY SELF ASSESSMENT® FOR PERIOPERATIVE SETTINGS

- The **ISMP Medication Safety Self Assessment® for Perioperative Settings** offers hospitals, freestanding ambulatory centers, and other facilities that perform outpatient medical and/or surgical procedures a unique opportunity

GOAL:

- Heighten awareness of best practices associated with safe medication systems in the *perioperative and procedural setting*
- Assist the interdisciplinary team with proactively identifying and prioritizing facility-specific gaps in perioperative and procedural medication systems **to avoid patient harm**
- Create a baseline of the efforts to evaluate perioperative medication safety and measure your progress over time
- Help analyze the current state of medication safety in perioperative and procedural settings and create a baseline measure of national efforts

ASSESSMENT'S ELEMENTS

- Demographics
- Key Element I: Patient Information (25 assessment items)
- Key Element II: Drug Information (18 assessment items)
- Key Element III: Communication of Drug Orders and Other Drug Information (21 assessment items)
- Key Element IV: Drug Labeling, Packaging, and Nomenclature (22 assessment items)
- Key Element V: Drug Standardization, Storage, and Distribution (47 assessment items)
- Key Element VI: Medication Delivery DEVICE acquisition, Use, and Monitoring (16 assessment items)
- Key Element VII: Environmental Factors, Workflow, and Staffing Patterns (11 assessment items)
- Key Element VIII: Staff Competency and Education (11 assessment items)
- Key Element IX: Patient Education (8 assessment items)
- Key Element X: Quality Processes and risk Management (42 assessment items)



RESULTS

AND CORPORATE ACTION PLAN



AVERAGE SCORE

Madinah	Jeddah	Riyadh	Dammam	Ahsa
82 %	80 %	77%	83 %	65 %

77.4 %

ACHIEVEMENTS

- Drug Labeling, Packaging, and Nomenclature
- Drug Standardization, Storage, and Distribution
- Medication Delivery DEVICE acquisition, Use, and Monitoring

AREA FOR IMPROVEMENTS

- Environmental Factors, Workflow, and Staffing Patterns
- Patient Education
- Quality Processes and risk Management

Action	Responsibility	Time-frame
Apply Medication Reconciliation prior to Surgery or Procedure (for In-patient and out-patient)	Pharmacy initiatives team	
Medication Safety Rounds and audit for OR areas	MSP/QPS	On-going (Twice /year)
Re-enforce labeling each medication or solution they prepare with, at a minimum: the drug or solution name; strength/concentration; amount of medication, diluent & BUD by using the blank label from one stop resource <i>oracle Number 116224</i>	Corporate anesthesia	2 weeks-1 month
Highlight the shelf stored Organ preservation solutions in with clear labeling for the shelf and warning label on the bag	Nursing OR Services	2 weeks-1 month
Register the anesthesia staff to attend Basic Medication Safety (BMS) course and mandatory certification as other HCPs	Corporate anesthesia	1-3 months
Activation of Barcoding Medication Administration in all OR sitting	Corporate anesthesia/ Nursing OR	1-3 months
Adding the indicator: (Opioid Naïve / Opioid Tolerant) in Patient's electronic medical record/ high risk patients for respiratory depression in BESTCare®	Corporate anesthesia/CIMS	1-3 Months
Insure the safe handling of neuromuscular blocking agents (Storage/labeling/preparation)	Anesthesia Department in each region	1-3 Months

Action	Responsibility	Time-frame
Activation of Arabic language printable materials provided to the patient before/after the procedure (revise the available materials)	Surgery Department , ISID	3-6 months
Providing a Medication-related reference materials in intranet web-page	Corporate anesthesia	3-6 months
Standard protocols, guidelines, and/or order sets for the management of patients who receive NEURAXIAL ANESTHESIA.	Corporate anesthesia	3-6 months
Full integration of the Anesthesia department electronic system with BESTCare	Corporate anesthesia/CIMS	6-12 Months
Sharing Medication related references and updated guides/ safety warnings with anesthesia department	SMSC/ MSP	As available
Adding auxiliary label “Cardioplegic solutions“ , “For Irrigation Use Only“ , “For Patient Use Only” on the auxiliary label list approved in One stop resource	SMSC	2 weeks-1 month
Apply warning label, “For Patient Use Only” in English & Arabic appears on the cord or activation button for PCA	Corporate anesthesia	2 weeks-1 month



THANK YOU

