(A) **Policy Statement**
The University of Toledo Medical Center will implement, develop, and support a pain management stewardship program (PMSP) based on current scientific literature.

(B) **Purpose of Policy**
The opioid crisis that currently affects the United States of America has been declared a public health emergency by the US Department of Health and Human Services\(^1\). In 2017, it was noted that more than 70,000 people died due to overdose death, in which 68% of those deaths involved a prescription or illicit opioid\(^2\). In July of 2017, the Joint Commission announced the implementation of revised pain assessment and management standards for accredited hospitals. The first standard required by the Joint Commission is that “pain assessment and management, including safe opioid prescribing, is identified as an organizational priority for the hospital\(^3\).”

The PMSP at the University of Toledo Medical Center will follow best practices to improve appropriate pain assessment and management, including the safe and effective prescribing of opioids, according to the following mission, goals, and objectives.

(C) **Procedures**
1. **Mission**
   a. Improve quality of patient care through appropriate use of pain management strategies
2. **Overall Goals**
   a. Improve patient outcomes
   b. Improve patient safety
   c. Minimize analgesic related adverse events
   d. Minimize cost
   e. Promote safe and effective analgesic prescribing habits
3. **Specific Objectives**
   a. Achievements of the goals of PMSP will be monitored and evaluated via specific objectives as outlined in the Pain Management PDSA (Plan, Do, Study, Act)
   b. The results of the Pain Management PDSA will be reported quarterly to the Pain Committee then disseminated institutionally via the Pharmacy and Therapeutics Committee.
4. **Pain Committee**
   a. Core Members
      i. Executive Owner
         1. Chief Medical Officer
      ii. Chair
         1. Pain Management Stewardship Program Director
iii. Secretary
   1. Program Manager
iv. Regular Members
   1. Surgical Physicians
   2. Pharmacy
   3. Nursing
   4. Quality
   5. Information Technology
   6. Hospitalist Physicians
   7. Family Medicine Physician
   8. Emergency Department Nursing Director
   9. Psychiatry
   10. Pain Rehabilitation

b. Responsibilities
   i. Develop and implement initiatives to ensure rational and appropriate use of pain management strategies and promote data-driven, evidence-based strategies to optimize pain management
   ii. Develop and implement safe and effective pain management strategies with established community improvement programs
   iii. Oversee the implementation and utilization of computer-based surveillance tools to track pain management stewardship interventions
   iv. Review hospital formulary for changes regarding agents used for pain management
   v. Establish mechanisms to effectively assess and measure pain management therapy
   vi. Improve awareness and knowledge of pain management stewardship through health-system wide educational efforts
   vii. Provide quarterly report of activities and recommendations to the Pharmacy and Therapeutics Committee

5. Key Strategies
   a. Prospective monitoring with intervention and feedback
      i. Pain management stewardship pharmacist reports
      ii. Reviewed periodically with direct intervention and feedback to the prescriber and documentation in pharmacy intervention system
   b. Formulary restriction/preauthorization
   c. Pain management protocol development and maintenance
   d. Education
   e. Optimization of therapy
      i. Dose adjustment based on patient specific PK/PD parameters
      ii. Reduction in duplicate therapies (i.e. two therapies for mild pain)
      iii. Discontinuation of unnecessary or inappropriate analgesic therapy
      iv. Recommendation and implementation of non-pharmacologic pain management strategies

6. Conclusion
   a. The pain management stewardship program at the University of Toledo Medical Center aims to optimize analgesic therapy to minimize unintended consequences due to analgesic medications, including opioids. Core members of the pain management team include individuals from anesthesiology, psychiatry, nursing, pharmacy, quality, critical care, emergency medicine, and information technology. In order to achieve the desired outcome, collaboration and support from hospital administration, medical staff leadership, and local providers is also necessary. Routine evaluation of progress toward overall goals and adjustment of policies and practices will be led by the pain management stewardship program director and reported to the hospital administration. This will be achieved in conjunction with other core members of the pain management stewardship
team via regularly scheduled pain committee meetings. Recommendations from this committee will be presented quarterly to the Pharmacy and Therapeutics committee.

References:

