



*Opportunities for Optimizing  
Patient Care in the ED*

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## ***Opportunities for Optimizing Patient Care in the ED***

### **Key Learning Points**

- The process to enhance pain treatment in the emergency department is easy to conceptualize but there is limited ability to implement it at this time.
- Automated systems to perform pain assessment and pain treatment are necessary for this enhancement.
  - Means are needed to rapidly determine the appropriate dose based on the patient's pain complaint.
  - Improved documentation and automation can lead to a systematic QI process
  - Proper patient education can improve the quality of patient and satisfaction

### **Clinical Questions**

- Why optimize patient management of painful conditions?
- What can be undertaken to improve patient pain treatment?
- What is the best means to assess pain of the emergency department patient?
- What are the potential capabilities of electronic medical record with artificial intelligence?
- What feedback loops could improve the process of pain evaluation and treatment in the emergency department?

## **Emergency Medicine Opportunities**

- Need for electronic medical record with artificial intelligence.
- Need for the development for guidelines for various pain conditions seen in the emergency department.
- Need for discharge protocols for the outpatient treatment of painful conditions.
- Need for the acceptance of early pain treatment in the course of care of emergency department patients.
- Need for feedback loops for auditing the evaluation and treatment of pain.

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