
MICHAEL MILLER

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Required Skills:

(List skills needed) – Java, JAVA SCRIPT, Web (HTML / JS / CSS)

Preferred Team Communications:

Conference Call, Skype, WebEx / GoToMeeting, Google Hangouts

Data Sources:

EHR patient clinical and demographic information.
Nurse navigator information for real time vital information to help formulate medicine administration during the procedure.

Other Items:

Project preferred time zone is Eastern Time Zone

Team Info:

Needs a Developer and a Tester.
Allows one team of 4-6 members.

SEDATION ASSIST

Moderate sedation is required for many procedures across the health system and especially in an Interventional Radiology Setting. There is high variability of patients and procedures which clouds decisions on how, when and how much sedation can be delivered during a procedure. It would be helpful if there was a standardized tool to

1. Assess risk: Combining patient factors with known procedural complexity.
2. Help guide strategies for patient optimization for safety and effectiveness in controlling pain.
3. Provide a guidance system available to monitoring nurse and supervising physician to help guide medication administration.
4. Predict recovery time requirements to reduce length of stay and improve waiting room safety and throughput.

PROJECT OBJECTIVES

1. Build a better risk assessment tool for determining appropriate patients for moderate sedation.
3. Improve intra-procedural guidance for nurse and physician staff for the administration and dosing of sedation medications during the procedure.
4. Improve patient safety and satisfaction in pain and anxiety control.
5. By reducing over sedation there should be improved safety and reduced resource utilization in the post procedural area.

SUCCESSFUL PROJECT

To Be Discussed with Michael Miller.

Intellectual Property: None