MAINTENANCE OF CERTIFICATION (MOC)

Utilizing a Web-Based Data Portal to Facilitate MOC Implementation

Connecticut Children’s Medical Center — Office for Community Child Health; Academic Administration

Background
- As an American Board of Pediatrics (ABP) MOC portfolio sponsor, Connecticut Children’s currently offers 15 MOC Part 4 projects to hospital-based and community physicians.

- To facilitate the MOC process and support the Program’s growth, Connecticut Children’s invested in a web-based data entry, tracking, and reporting portal.

Key features of the data portal:
- Web-based registration and data entry
- Individual and practice-based tracking of MOC requirements (See Fig. 2)
- Generation of automated, real-time run charts for physicians’ review (See Fig. 3)
- Plan-Do-Study-Act worksheet for each data cycle
- Automated emails to guide participation

- Supported by the Force.com platform, the portal allows Connecticut Children’s staff to design and implement surveys and reports for new projects and analyze program-level data.

Lessons Learned
- Designing and implementing a robust data portal requires a significant investment of time and resources.
- An MOC portal can be leveraged for other hospital- or community-based data collection and reporting activities.
- While the agile software development process is useful, it is important to establish portal capabilities and requirements at the outset.
- Adequate portal administration and management training for MOC staff is key to effective implementation.
- To ensure reliability of data, web-based data collection tools should be designed to prevent user error (e.g., incorporating skip logic).

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