Applying End-to-End Real World Process Infrastructure to Biobanking in the Academic Setting

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Introduction

Most repositories do not have a sophisticated strategy for error reporting and analysis, which can help identify and prevent errors and add value to the repository.

Error Reporting Cont.

Error reports can be viewed and analyzed by repository function and date range ([Screenshot 2]). The errors are blamed by repository operation and then sorted by impact and severity and reviewed and discussed to determine if changes are required to SOP manuals or re-training should exist ([Screenshot 2 & 4]).

Error Reporting Cont.

The error-reporting module allows users to report directly to the tissue repository donor system under any menu item ([Screenshot 1]). The user is then prompted to enter the error and when submitted the error is then seen by the error-reporting module, the operational impact, how the error was fixed and if/SCOF need revisions.

Challenges of the Academic Biorepository

The goal of every biorepository should be to minimize waste, operate as efficiently as possible, match supply with demand, manage inventory efficiently and improve service quality. The problem is that the error-reporting module aligns with the LSS approach and improvement process. The tool is designed to reduce waste by aligning with the resources available. Biorepositories preparing for expansion and growth are typically plagued with some aspects of this question. The end goal of the error-reporting module is to reduce waste and the number of errors. The error-reporting module allows users to report directly to the tissue repository donor system under any menu item ([Screenshot 1]). The user is then prompted to enter the error and when submitted the error is then seen by the error-reporting module, the operational impact, how the error was fixed and if/SCOF need revisions.

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Error reporting and the disclosure of errors are two important concepts affecting how well a biorepository operates. The way errors are identified, reported and communicated is critical to its success. Even small changes in reporting to SCOFs and processes can change the impact of errors. More biorepository strategies align with the LSS approach and improvement process. The tool is designed to reduce waste by aligning with the resources available. Biorepositories preparing for expansion and growth are typically plagued with some aspects of this question. The end goal of the error-reporting module is to reduce waste and the number of errors. The error-reporting module allows users to report directly to the tissue repository donor system under any menu item ([Screenshot 1]). The user is then prompted to enter the error and when submitted the error is then seen by the error-reporting module, the operational impact, how the error was fixed and if/SCOF need revisions.

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