Approximately 50 patients undergo pancreas cancer surgery for adenocarcinoma at Vancouver General Hospital (VGH) annually, with additional surgery for other indications. Surgical intervention is an opportunity to extend survival for pancreas cancer patients, who face very low long-term survival rates. With such a significant number of patients affected per year, it is crucial to review practice in pancreas cancer surgery to improve outcomes. However, due to the lack of a process to reliably track patient outcomes at VGH, chart review and analysis of practice has been minimal and inconsistent. As such, we were unable to launch quality improvement and control initiatives for this at-risk group.

We proposed a prospective database using REDCap data collection tool as a comprehensive and reliable solution. The database has since been implemented to test its feasibility. Prospective data is collected from chart review to track perioperative factors. Thus far, the database has successfully tracked all of the pancreas cancer cases since October 2017 and has proven to be a simple and reliable way of reviewing practice and outcomes. The database has shown great promise for: a) informing patient care improvement measures; b) facilitating collaboration among multiple disciplines involved in pancreas cancer care at VGH and broadly across British Columbia; and c) providing opportunity for feedback on surgeons’ performance at VGH.

Because our database has proven to be an integral way to support quality improvement and control initiatives for pancreas cancer patients, we hope to eventually integrate the database into standard of practice at VGH.

Themes:

Check (highlight) the most applicable theme according to the abstract.

| Innovation and Technology | Health and Wellness | Culture and Society | Sustainability and Conservation |

Comments:

The abstract is well-written for an intelligent lay audience.