

Trial Description Document

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Trainee Goal:

I plan to develop infrastructure to support pragmatic trials in thrombosis in Hamilton and more broadly with international partners who use Epic.

Trial Goal/ Background:

Cancer-associated pulmonary embolism is common, and patients present with a spectrum of severity. Current risk-stratification models classify patients with cancer-associated pulmonary embolism broadly as high-risk, recommending hospital admission; however, many patients can likely be treated as outpatients, improving patient experience and reducing costs. CAPE Home is a proposed trial to answer the question: "Can a modified sPESI risk assessment model identify a group of patients with new diagnosis of cancer-associated PE who can safely be treated at home?" We will study implementation of a clinical decision support tool in the healthcare information system. It will use automated data collection from the electronic health record and a stepped-wedge design to improve efficiency and practicality of the trial.