

Centers for Medicare and Medicaid Services (CMS) Awards Anti-coagulation research grant to IPRO and Northwell Health

With IPRO, the national organization that provides healthcare assessment and improvement services as the lead organization, on behalf of the Atlantic Quality Innovation Network [AQIN], the Northwell Health Department of Medicine, and Anticoagulation and Clinical Thrombosis Services (ACTS) has been awarded a two year contract to evaluate the implementation of MAPPP [Management of Anti-coagulation in the Peri-Procedural Period] in a mobile web-based setting.

Background: Adverse drug events [ADEs] are both dangerous and common, and blood thinners are one of the most commonly implicated medication classes. The 2014 Department of Health and Human Services, Office of Disease Prevention and Health Promotion report, the *National Action Plan for Adverse Drug Event Prevention* (ADE Action Plan) outlines opportunities to prevent anticoagulant related adverse drug events through innovations in the areas of surveillance, use of evidence-based prevention tools and utilization of health information technology (HIT). This project promotes standardized, evidence based anticoagulant peri-procedural management to decrease anticoagulant ADEs, increase patient/caregiver knowledge and optimize patient outcomes through standardized use of the Management of Anticoagulation in the Peri-Procedural Period (MAPPP) guide which promotes thoughtful consideration of peri-procedural anticoagulation action plans. The MAPPP guide includes both patients on conventional oral anticoagulants such as warfarin and heparin bridging agents as well as the novel, direct acting oral anticoagulants. The MAPPP guide was developed under the clinical expert guidance of Alex Spyropoulos, MD, Director of Northwell Health's ACTS program, based on his extensive clinical research in the field of peri-procedural antithrombotic therapy.

The project title is "A Two-Pronged Approach to Management of Anticoagulation in the Peri-procedural Period: Operationalization of a Mobile/Web Based Application for Clinical Decision Support in Hospital/Ambulatory Surgery Settings and Optimization of Patient Education using Health Information Technology." The Project Director (IPRO) is Anne Myrka RPh, MAT (IPRO NY) and the Northwell Clinical Advisors are Dr. Spyropoulos and Jessica Cohen, MD. To use the web-based app or download the app for Apple and Android devices [click here](#).