Laboratory Testing for Patients on Direct Oral Anticoagulants

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Armando Tripodi, MD

Armando Tripodi, MD is Professor of Clinical Biochemistry and Molecular Biology at the Angelo Bianchi Bonomi Hemophilia and Thrombosis Center, University of Milan. A noted international expert in coagulation, Dr. Tripodi has published more than 200 original articles and 150 review articles, book chapters and guidelines. His research has focused on elucidation of coagulation mechanisms; laboratory diagnosis of coagulation disorders; standardization and quality control of coagulation tests; and laboratory control of anticoagulant treatment. Dr. Tripodi’s work has appeared in such peer-reviewed publications as *Clinical Chemistry*, *Hepatology*, *Journal of Thrombosis and Haemostasis* and the *New England Journal of Medicine*.

Dr. Tripodi has also served in editorial roles for the *Journal of Thrombosis and Haemostasis*, *The Haematology Journal*, *Journal of Hepatology*, *Hematology*, *Clinical Chemistry* and the *New England Journal of Medicine*. He has led the establishment of coagulation-related guidelines or standards for the World Health Organization, International Society on Thrombosis and Haemostasis, European Action on Anticoagulation and the Italian Society on Thrombosis and Haemostasis. He is a frequent presenter at seminars and workshops on laboratory diagnosis of thrombosis and hemostasis on behalf of international medical and academic organizations.
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Direct Oral Anticoagulants (DOACs) have become widely prescribed. Clinical indications of DOACs include stroke prevention in non-valvular atrial fibrillation, thromboprophylaxis following hip or knee replacement surgery, and treatment or prevention of venous thromboembolic disease, among others.¹

Although DOACs do not require routine monitoring, there are instances when determining DOAC concentration in the blood can be useful in ensuring optimal patient care.

In this Illuminations Webinar, Dr. Tripodi will describe the primary characteristics of both “new” and “old” anticoagulant drugs, with a focus on the benefits of measuring DOAC concentration in certain clinical scenarios. He will elaborate on how to test for commercially available DOACs (e.g., dabigatran, rivaroxaban and apixaban), the alerting value ranges for DOAC concentrations, and how DOACs affect the most common hemostatic parameters.

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Registrants will receive an email confirmation with instructions on how to join the live webinar. For questions and registration assistance, contact your local Werfen sales representative.

This webinar is free to attend.