

Entegriion's VCM Allows For Viscoelastic Coagulation Results From New Borns With Just A Heel Prick

VCM showed comparable results to standard sampling with heel prick using small amounts of blood without challenges related to catheters in premature patients

DURHAM, NC, USA, May 21, 2021 /EINPresswire.com/ -- Entegriion, Inc., a leading developer of innovative

solutions for clinical diagnosis and management of hemostasis, highlighted a newly released publication of a single-center study demonstrating the clinical value of its [VCM](#), portable [viscoelastic coagulation monitor](#), in assessing coagulation at the bedside. In the study, accepted for publication in The Journal of Maternal-Fetal & Neonatal Medicine, principal investigator Dr. Maurizio Radicioni of Azienda Ospedaliera di Perugia, assessed the feasibility of using heel prick blood sampling compared to standard blood sampling with premature neonates. The Entegriion VCM has a CE mark for use in Europe and is available for research use only in the U.S.

“

We demonstrated that the benefits of viscoelastic coagulation testing can now be gained through the use of heel stick samples run on the VCM.”

*Dr. Maurizio Radicioni,
Azienda Ospedaliera di
Perugia*

Conducted from September 2020 to February 8, 2021 in Perugia, Italy, 67 patients were enrolled with standard samples collected. Additionally two further samples through heel pricks per patient were acquired. “Blood sampling in neonates can be a difficult task, especially in [neonatal intensive care](#) environments” stated Dr. Radicioni. “We demonstrated that the benefits of viscoelastic coagulation testing can now be gained through the use of heel stick samples run on the VCM.”

“Providing clinicians with diagnostic tools that simplify the monitoring of high risk neonatal patients is crucial to improving outcomes during the early weeks of life,” said Jack Mowell, Executive Chairman for Entegriion. “The recent study in Perugia showed how the Entegriion VCM can play an important role in helping support clinical decision-making by providing a quick and



accurate, easy-to-use device for monitoring hemostasis at patient's bedside."

About the VCM, Portable Viscoelastic Coagulation Monitor

The Entegriion VCM is a compact, portable device that performs a viscoelastic analysis of the coagulation-fibrinolysis process utilizing glass surface activation of untreated whole blood. The wide surface area of contact between the blood and the glass inside the cartridge accounts for the rapid initiation of clotting, eliminating the need for activating factors. VCM has been compared to ROTEM® NATEM (non-activated method), showing good-to-moderate agreement in test results between the two systems in a cohort of patients undergoing major surgery.¹ By making viscoelastic measurements of the hemostasis of blood samples rapidly and accurately, the VCM system addresses the accessibility, robustness and training issues associated with large, complex, traditional systems.



VCM Analyzer

About Entegriion:

Entegriion is a life sciences company that is focused on improving the awareness and treatment of hemostasis and transfusion needs. Based in North Carolina's Research Triangle Park, Entegriion offers patented technologies designed to improve diagnostics, and overcome limitations in storage, safety, and availability of blood-derived products while preserving their functionality. Many of Entegriion's advances in biologics and diagnostics are based on close collaborations with leading medical research institutions and the Department of Defense. Visit <http://www.entegriion-vcm.com> for more information.

1. Brearton C, Rushton A, Parker J, Martin H, Hodgson J. Performance Evaluation of a New Point of Care Viscoelastic Coagulation Monitoring System in Major Abdominal, Orthopaedic and Vascular Surgery. Platelets. 2020;1-8.

Bert Valada
Entegriion, Inc.
+1 919-536-1500
[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/541751715>
EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors

try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.