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**Modification and Validation of the Triglyceride-to-HDL Cholesterol Ratio as a Surrogate of Insulin Sensitivity in White Juveniles and Adults without Diabetes Mellitus: The Single Point Insulin Sensitivity Estimator (SPISE)** K. Paulmichl, M. Hatunic, K. Højlund, A. Jotic, M. Krebs, A. Mitrakou, F. Porcellati, A. Tura, P. Bergsten, A. Forslund, H. Manell, K. Widhalm, D. Weghuber, and C.-H. Anderwald **1211**

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- How Well Do Laboratories Adhere to Recommended Clinical Guidelines for the Management of Myocardial Infarction: The CARDiac MARKer Guidelines Uptake in Europe Study (CARMAGUE)** P. Collinson, A. Hammerer-Lercher, J. Suvisaari, F.S. Apple, R.H. Christenson, K. Pulkki, M.P. van Dieijen-Visser, C.J. Duff, H. Baum, A. Stavljenic-Rukavina, K.M. Aakre, M.R. Langlois, S. Stankovic, and P. Laitinen **1264**

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## ONLINE CONTENT

### JOURNAL CLUB

Selected articles made freely available, including helpful slides and key points for discussion in your Journal Club. The article links below provide free access to both the articles and Journal Club content.

**Incidence of Undetectable, Measurable, and Increased Cardiac Troponin I Concentrations Above the 99th Percentile Using a High-Sensitivity vs a Contemporary Assay in Patients Presenting to the Emergency Department** Sara A. Love, Yader Sandoval, Stephen W. Smith, Jennifer Nicholson, Jing Cao, Ranka Ler, Karen Schulz, and Fred S. Apple [www.clinchem.org/content/62/8/1115.full](http://www.clinchem.org/content/62/8/1115.full)

### PEARLS OF LABORATORY MEDICINE

*Clinical Chemistry* Trainee Council (CCTC) is a free online program for residents and fellows in laboratory medicine. The program provides a wealth of free educational materials and interactive tools, including Podcasts, Guide to Scientific Writing, Question Bank, Pearls of Laboratory Medicine, and much more. The Pearls are brief presentations on one key topic succinctly presented using slides, audio, and transcript supplements.

Join the CCTC today ([traineecouncil.org](http://traineecouncil.org)) for free access to the following Pearls of Laboratory Medicine. With nearly 100 Pearls now available, 10 are highlighted here.

Anna K. Füzéry  
Managing Reagent Lot-to-Lot Variability  
10.15428/CCTC.2015.240671

Paul Riley  
Anti-Xa: A Versatile and Quantitative Anticoagulant Drug Assay  
10.15428/CCTC.2014.233973

Elena Repnikova  
Whole genome analysis using microarrays  
10.15428/CCTC.2015.241992

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## ONLINE CONTENT, *continued*

Dina Greene  
Liver Function Tests  
10.15428/CCTC.2015.242164

Khushbu K. Patel  
Alternative Markers of Glycemia  
10.15428/CCTC.2015.241935

Steven W. Cotten  
Synthetic Drugs: Cathinones and Cannabinoids  
10.15428/CCTC.2015.241307

Shannon Haymond  
Iron Deficiency Anemia  
10.15428/CCTC.2015.237321

Matthew Karafin  
Platelet Transfusion Refractoriness  
10.15428/CCTC.2015.245977

Maria Alice V. Willrich  
Basics of Complement Testing  
10.15428/CCTC.2015.244715

Margaret Lo  
Vitamin A and E Testing  
10.15428/CCTC.2015.245548

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**ON THE COVER** A mother holding a 4-month-old baby born with microcephaly. First discovered in primates in the Zika Forest of Uganda in 1947, the once obscure Zika virus, now known to cause birth defects such as microcephaly, has been declared an international health emergency by the World Health Organization. This issue of *Clinical Chemistry* contains a timely Q&A article in which three experts currently involved in the response to Zika share their knowledge and their insights on what we have learned to date, even as the epidemic continues to unfold. (See page 1175.) ©Nacho Doce/Reuters Pictures. Reproduced with permission.



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