

# Publications

- Little RR, Rohlfing CL, Wiedmeyer HM, Myers GL, Sacks DB, Goldstein DE, for the NGSP Steering Committee. The National Glycohemoglobin Standardization Program: A Five-Year Progress Report. *Clin Chem* 47:1985-92, 2001.
- Little RR, Vesper H, Rohlfing CL, Ospina M, Sekineh SP, Roberts WL. Validation by a Mass Spectrometric Reference Method of Use of Boronate Affinity Chromatography to Measure Glycohemoglobin in the Presence of Hemoglobin S and C traits. *Clin Chem*, 51: 264-5, 2005.
- Little RR, Rohlfing CL, Tennill AL, Madsen RW, Polonsky KS, Greenbaum CJ, Myers GL, Palmer JP, Rogatsky E, Stein DT. Standardization of C-peptide Measurements. *Clin Chem* 54:1023-6, 2008.
- Little RR, Rohlfing CR, Hanson S, Connolly S, Higgins T, Weykamp C, D'Costa M, Luzzi V, Owen WE, Roberts WL. Effects of hemoglobin E and D traits on glycosylated hemoglobin (HbA1c) Measurements by twenty-three methods. *Clin Chem* 54: 1277-82, 2008.
- Rohlfing C, Connolly S, England J, Hanson S, Moellering C, Bachelder J, Little R. The effect of elevated fetal hemoglobin on HbA1c results: five common HbA1c methods compared to the IFCC reference method. *Amer J Clin Pathol* 129:811-4, 2008.
- Mongia SK, Little RR, Rohlfing CL, Hanson S, Roberts RF, Owen WE, D'Costa MA, Reyes CA, Luzzi VI, Roberts WL. Effects of Hemoglobin C and S Traits on the Results of 14 Commercial Glycosylated Hemoglobin Assays. *Am J Clin Pathol* 130:136-140, 2008.
- **Little RR**, Roberts WL. A Review of Variant Hemoglobins Interfering with Hemoglobin A1c Measurement. *J Diab Sci & Tech* 3:446-451, 2009.
- **Little RR**, Rohlfing CL, Hanson SE, Roberts WL. Effects of hemoglobin C and S traits on Tosoh G8 and Siemens Advia HbA1c assays (letter to the Editor). *Clin Chim Acta* 411:779-780, 2010.
- Stoyanov AV, Rohlfing CL, Connolly S, Roberts ML, Nauser CL, **Little RR**. Use of cation exchange chromatography for human C-peptide isotope dilution – Mass spectrometric assay. *J Chromatogr.* 1218:9244-9, 2011.
- **Little RR**, Rohlfing CL, Sacks DB for the National Glycohemoglobin Standardization Program Steering Committee. Status of Hemoglobin A1c Measurement and Goals for Improvement: From Chaos to Order for Improving Diabetes Care. *Clin Chem* 57:205-214, 2011

- Rohlfing CL, Hanson S, Tennill AL, **Little RR**. Effects of Whole Blood Storage on HbA1c Measurements with Five Current Assay Methods. *Diab Tech & Ther.* 14:271-5, 2012.
- **R.R. Little**, C.L. Rohlfing, S.E. Hanson, R.L. Schmidt, C.-N. Lin, R.W. Madsen, and W.L. Roberts. The Effect of Increased Fetal Hemoglobin on 7 Common Hb A1c Assay Methods. *Clin Chem* 2012 58: 945-6
- Lin CN, Emery T, **Little RR**, Hanson SE, Rohlfing CL, Jaisson S, Gillery P. Effects of hemoglobin C,D,E, and S traits on measurements of HbA1c by six methods. *Clin Chim Acta* 2012; 413: 819-21.
- Stoyanov AV, Connolly S, Rohlfing CL, Rogatsky E, Stein D, **Little RR**. Human C-peptide Quantitation by LC-MS Isotope-Dilution Assay in Serum or Urine Samples. *J Chromat Separation Techniq* 2013;4:1-4.
- **Little RR**, Rohlfing CL. The long and winding road to optimal HbA1c measurement. *Clin Chim Acta* 2013;418:63-71.
- **Little RR**, Rohlfing CL, Tennill AL, Hanson SE, Connolly S, Higgins T, Wiedmeyer CE, Weykamp CW, Krause R, Roberts W. Measurement of HbA1c in patients with Chronic Renal Failure. *Clin Chim Acta* 2013;418:73-76.
- Rohlfing CL, Parvin CA, Sacks DB, **Little RR**. Comparing Analytic Performance Criteria: Evaluation of HbA1c Certification Criteria as an Example. *Clin Chim Acta* 2014;433:259-263.
- **Little RR**, La'ulu SL, Hanson SE, Rohlfing CL, Schmidt RL. Effects of 49 Different Rare Hb variants on HbA1c Measurement in Eight Methods. *J Diab Sci & Tech* 2015;9:849-856.
- Weykamp C, John G, Gillery P, English E, Ji Linong J, Lenters-Westra E, **Little RR**, Roglic G, Sacks D, Takei I. Investigation of two models to set and evaluate quality targets for HbA1c: Biological variation and Sigma-metrics. *Clin Chem* 2015; 61:752-9.
- Klonoff DC, Lias C, Beck S, Parkes JL, Kovatchev B, Vigersky RA, Arreaza-Rubin G, Burk RD, Kowalski A, **Little R**, Nichols J, Petersen M, Rawlings K, Sacks DB, Sampson E, Scott S, Seley JJ, Slingerland R, Vesper HW. Development of the diabetes technology Society blood glucose monitor system surveillance protocol. *JDST*, 2015;October. DOI: 10.117/1932296815614587
- **Little RR**, Rohlfing CL. Assessing quality from an accuracy-based HbA1c proficiency survey. *Clin Chem Lab Med* 2016;54:e75-6.

- Rastogi MV, Ladenson P, Goldstein DE, Little RR. Quality of HbA1c Measurement in Trinidad and Tobago. *J Diab Sci & Tech* 2016;10:768-71.
- C. Rohlfing, S. Hanson, C. Weykamp, C. Siebelder, T. Higgins, R. Molinaro, P.M. Yip, **R.R. Little**. Effects of hemoglobin C, D, E and S traits on measurements of hemoglobin A1c by twelve methods. *Clin Chim Acta* 2016;455:80-3.
- Kuanysh Kabytaev, Shawn Connolly, Curt L. Rohlfing, David B. Sacks, Alexander V. Stoyanov, **Randie R. Little**. Higher degree of glycation of hemoglobin S compared to hemoglobin A  
measured by mass spectrometry: Potential impact on HbA1c testing. *Clin Chim Acta* 2016;458:40-3.
- Rohlfing C, Connolly S, Hanson S, Higgins T, **Little R**. Validation of the use of Trinity Biotech ultra<sup>2</sup> as a comparative method for Hemoglobin A1c measurements in the presence of HbE and HbD-Punjab traits. *Clin Chem* 2017; 63:608-10.
- **Little RR**, Wielgosz RI, Josephs R, Kinumi T, Takatsu A, Li H, Stein D, Burns C. Implementing a Reference Measurement System for C-peptide: Successes and Lessons Learned. *Clin Chem* 2017;63:1447-56.
- **Little RR**, Kinumi T, Connolly SM, Kabytaev K. Implementing a Reference Measurement System for C-peptide: an Addendum. *Clin Chem* 2017: 63:1904-5.