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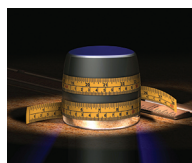
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Recalibration of Blood Analytes over 25 Years in the Atherosclerosis Risk in Communities Study: Impact of Recalibration on Chronic Kidney Disease Prevalence and Incidence

C.M. Parrinello, M.E. Grams, D. Couper, C.M. Ballantyne, R.C. Hoogeveen, J.H. Eckfeldt, E. Selvin, and J. Coresh
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ON THE COVER The kilogram and the tape measure. For millennia, man has attempted to develop reference standards for weight, length, and time. The grain (for measuring precious metals) gave way to the stone (for measuring body weight), which has been replaced by the pound and the kilogram (the current international standard). For measures of distance, the cubit (length from elbow to fingertips) gave way to the span (width of spread fingers), which has been replaced by the inch and the meter (the current international standard). Today, clinical laboratories seek accuracy and consistency through harmonization and commutability efforts. For optimal test results interpretation, we seek to define appropriate reference intervals. This month's issue of *Clinical Chemistry* contains 3 articles and 2 editorials dealing with the establishment of reference intervals for biochemical, endocrine and hematologic markers across pediatric, adult, and geriatric ages. Also in this issue is an article describing an approach for commutability assessment of HDL and LDL cholesterol. (See pages 1009, 1012, 1049, 1063, 1075, and 1107.) ©Reproduced and adapted with permission from Wikipedia.org.



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