Guidelines-LMPGs

NACB LMPG

- The National Academy of Clinical Biochemistry (NACB) has published Laboratory Medicine Practice Guidelines (LMPG) that are used as practice guidelines in clinical and laboratory medicine

- "Evidence-Based Practice for Point-of-Care Testing"

- Divided into disease- and test-specific focus areas

Published NACB LMPGs

- **Nutritional Status** — **1994**
- **Thyroid Disease (1st edition)** — **1996**
- **Newborn Infant** — **1998**
- **Therapeutic Drug Monitoring** — **1999**
- **Cardiac Markers** — **1999**
- **Hepatic Injury** — **2000**
- **Diabetes Mellitus** — **2002**
- **Thyroid Disease (2nd edition)** — **2002**
- **Tumor Markers in the Clinic** — **2003**
- **Emergency Toxicology** — **2005**
- **Maternal-fetal Risk Assessment** — **2006**
- **Biomarkers of ACS** — **2007**
- **Point of Care Testing** — **2007**
- **Tumor Marker Quality Requirements** — **2008**
- **Expanded Newborn Screening** — **2008**

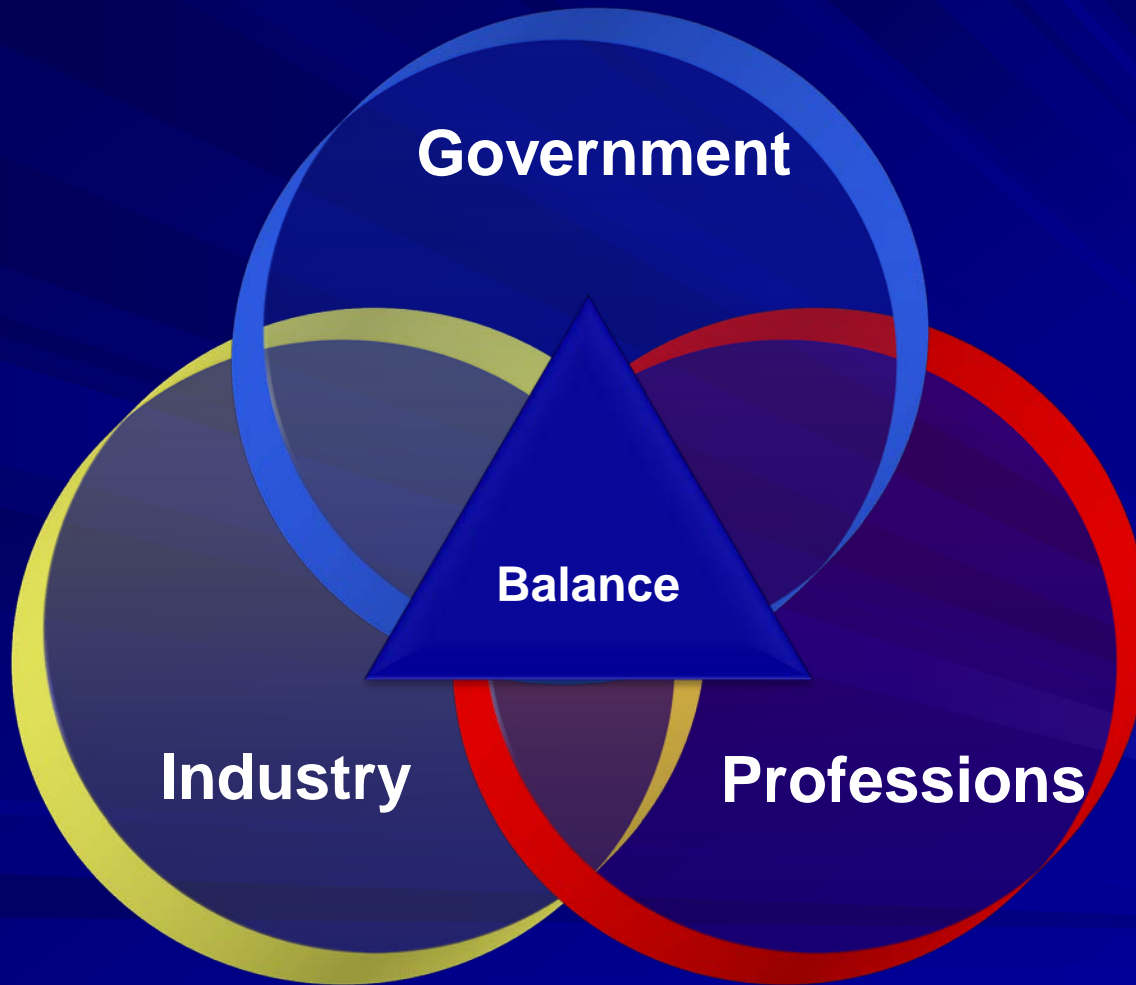# EXAMPLES of POCT Recommendations

- Diabetes self-management
- Infectious Disease
- Colorectal Cancer (CRC) Screening: Fecal Occult Blood Tests (FOBT)
- pH Testing for Chemical Burns and Nasogastric Tube Placement
- Renal Function
- Reproductive Testing

CLSI Name

NCCLS

CLINICAL AND LABORATORY STANDARDS INSTITUTE®

Name change in 2005 to reflect global constituencies

CLSI Consensus Process

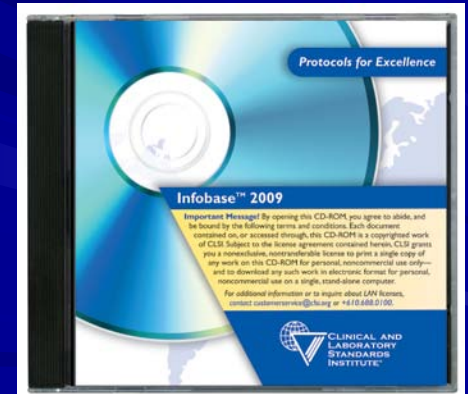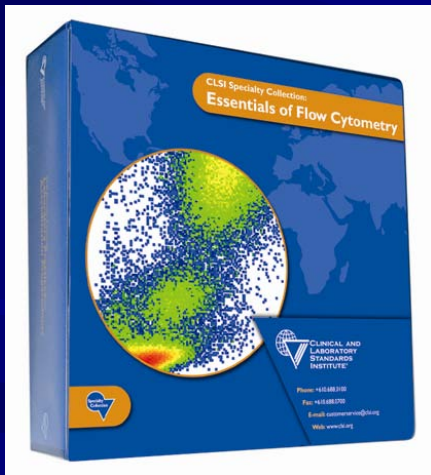# Standard or Guideline?

- A standard must be followed exactly as written.

  - Written using verbs such as *will*, *must*, and *shall*

- A guideline may be modified by the user.

  - Written using verbs such as *should*, *could*, *may*, *or might*

CLSI standards and guidelines

Examples of CLSI Point-of-Care (POC)Testing: Selected Approved Level Documents

- POCT04-A2: Point-of-Care *In Vitro* Diagnostic Testing; 2nd Edition

- POCT02-A: Implementation Guide of POCT01 for Health Care Providers

- AST04-A2: Glucose Monitoring in Settings Without Laboratory Support; 2nd Edition

- C30-A2: Point-of-Care Blood Glucose Testing in Acute and Chronic Care Facilities; 2nd Edition

- H49-A: Point-of-Care Monitoring of Anticoagulation Therapy

- HS02-A: Provider-Performed Microscopy Testing

Examples of CLSI Point-of-Care (POC)Testing: Selected Proposed Level Documents

- POCT09-P:Selection Criteria for Point-of-Care Testing Devices

- POCT06-P: Guidelines for Comparison of Glucose Results Measured by Methodologies That Use Different Sample Types

- POCT07-P: Quality Management: Approaches to Reducing Errors at the Point of Care

- POCT08-P: Quality Practices in Noninstrumented Near-Patient Testing: A Comprehensive Instructional Guideline