

**Clinical Laboratory Improvement
Advisory Committee
September 23, 2004**

**Institute for Quality in Laboratory
Medicine**

Toby L. Merlin, MD
Associate Director for Laboratory
Medicine
Division of Laboratory Systems



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LABORATORY MEDICINE**



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Opportunities for Improvements in Quality and Safety in US Healthcare

- Medical errors are 8th leading cause of death
- Medical errors cost \$17 billion US per year

To Err is Human, Institute of Medicine, September 1999

- 50/50 chance of proper health care

Elizabeth A. McGlynn, Ph.D., et al.

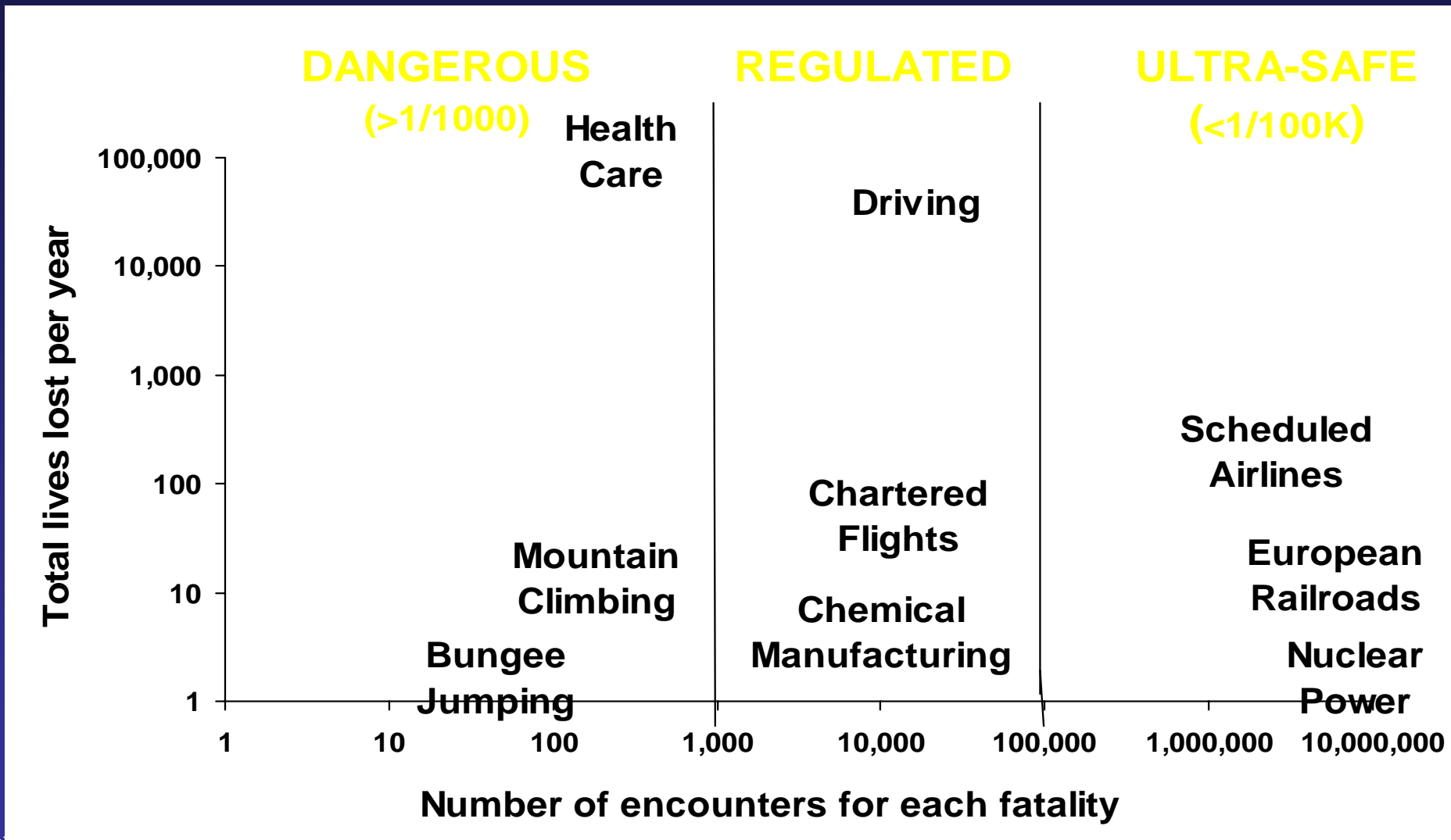
The Quality of Health Care Delivered to Adults
in the United States. NEJM, June 26, 2003



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How Hazardous Is Health Care?



From Lucian Leape – QI Conference Keynote , April 13, 2003

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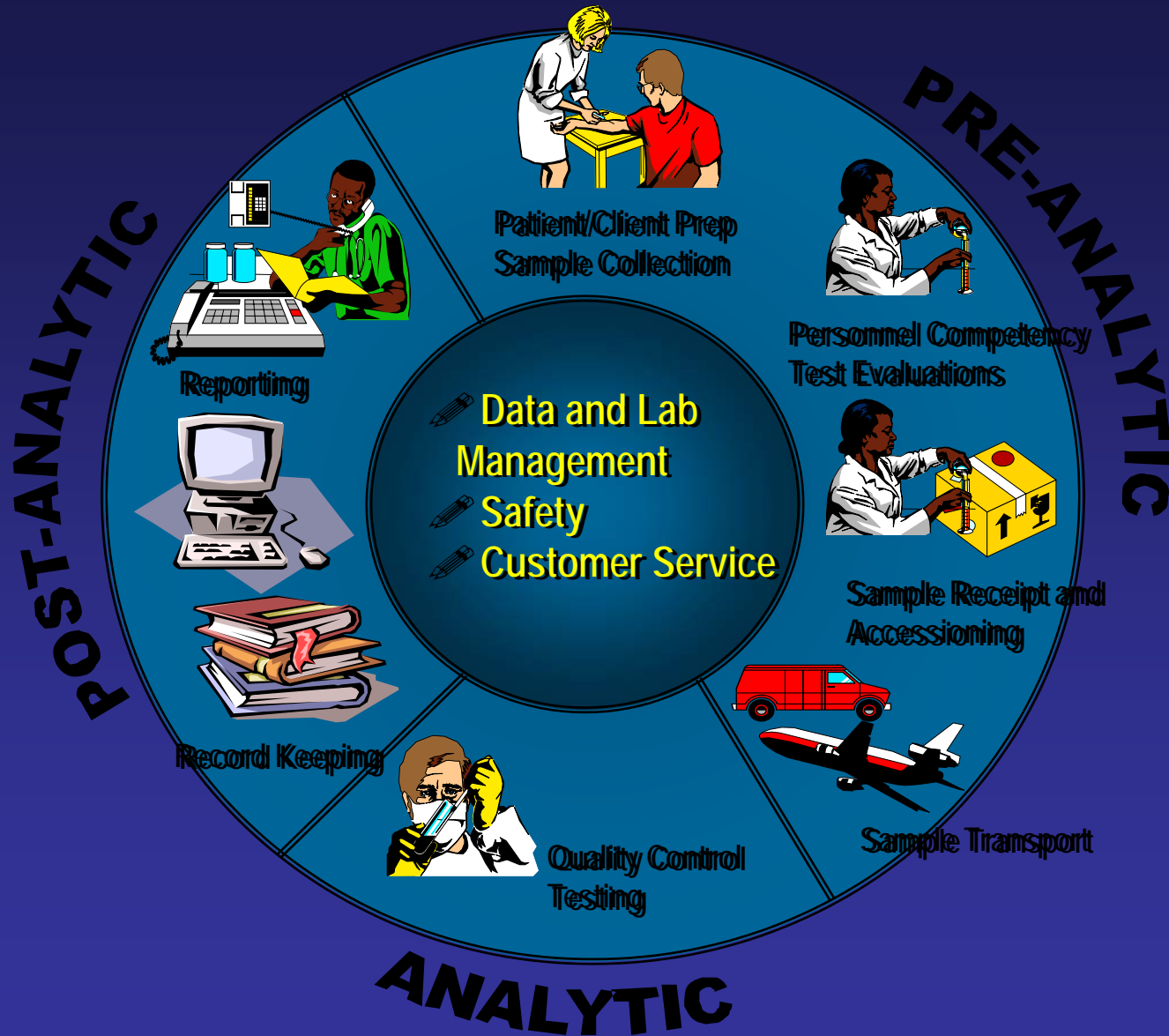


Why is the Laboratory a Focal Point for Improvements in Healthcare?

- Quality systems approach
- Standardized processes, automation, and informatics
- Team work, measurement, reporting, and evaluation



The Quality Assurance Cycle



Laboratory Testing in the News

Public Health Dispatch

Adverse Events and Deaths Associated With Laboratory Errors at a Hospital — Pennsylvania, 2001

On August 3, CDC was contacted by the Pennsylvania Department of Health (PADOH)

How Much Does Test Calibration Error Cost?

NIST Report Suggests \$60–\$199M for Calcium Testing Alone

The New York Times

10 Million Women Who Lack a Cervix Still Get Pap Tests

By GINA KOLATA (NYT) words
Late Edition - Final, Section A, Page 1, Column 1



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To promote improvements in
laboratory testing and services
to benefit the health of the public



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IQLM Agenda

- Create an independent public private partnership that speaks broadly for laboratory medicine



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IQLM Agenda

- Demonstrate laboratory's role in systematic improvements in health care
- Promote evidence-based laboratory practices that lead to improvements in quality, effectiveness, and safety



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IQLM Agenda

- Provide a forum for collaboration for laboratory and clinical partners in health care
- Support research in design and delivery of effective laboratory services



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IQLM Agenda

- Develop and promote the best indicators for measuring quality of laboratory services
- Develop sentinel networks of laboratories that provide regular, factual information on the state of laboratory practice





IQLM Agenda

- Present a driving force for continuous quality improvement in laboratory tests and services
- Recognize best practices in laboratory medicine



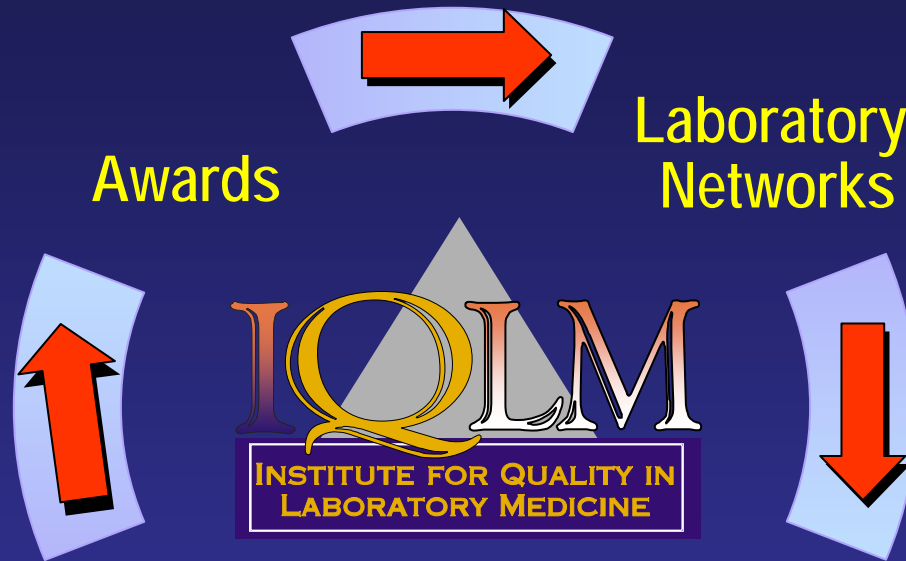
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Institute for Quality in Laboratory Medicine

Creates an awards
and grants
program

Develops networks
of laboratories and
partners



Awards

Laboratory
Networks

National
Report

Quality
Indicators

Identifies issues
and best practices

Develops
indicators and
monitors progress



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Institute for Quality in Laboratory Medicine

- Laboratory Professionals
- Clinicians
- Accrediting Organizations
- Consumers
- Administrators
- Policy makers
- Diagnostic industry
- Payers



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IQLM Partners

- Advanced Medical Technology Association
- Agency for Healthcare Quality and Research
- America's Health Insurance Plans
- American Academy of Dermatology
- American Academy of Family Physicians



IQLM Partners

- American Association for Clinical Chemistry
- American Association for Respiratory Care
- American Association of Bioanalysts
- American Association of Blood Banks
- American Association of Physician Offices and Laboratories



IQLM Partners

- American Clinical Laboratory Association
- American College of Medical Quality
- American College of Physicians
- American College of Preventive Medicine
- American College of Surgeons



IQLM Partners

- American Medical Association
- American Osteopathic Association
- American Society for Clinical Laboratory Science
- American Society for Clinical Pathology
- American Society for Healthcare Risk Management



IQLM Partners

- American Society for Histocompatibility and Immunogenetics
- American Society for Microbiology
- American Society for Quality
- American Society of Hematology
- Association of Public Health Laboratories



IQLM Partners

- Clinical Laboratory Management Association
- College of American Pathologists
- Commission on Office Laboratory Accreditation
- Federation of American Hospitals
- Joint Commission on Accreditation of Healthcare Organizations



IQLM Partners

- March of Dimes
- National Academy of Clinical Biochemistry
- National Committee for Quality Assurance
- National Quality Forum
- NCCLS
- Society of General Internal Medicine



Awards Workgroup

Ana Stankovic, MD, PHD
Elissa Passiment, EdM, CLS



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Indicators Workgroup

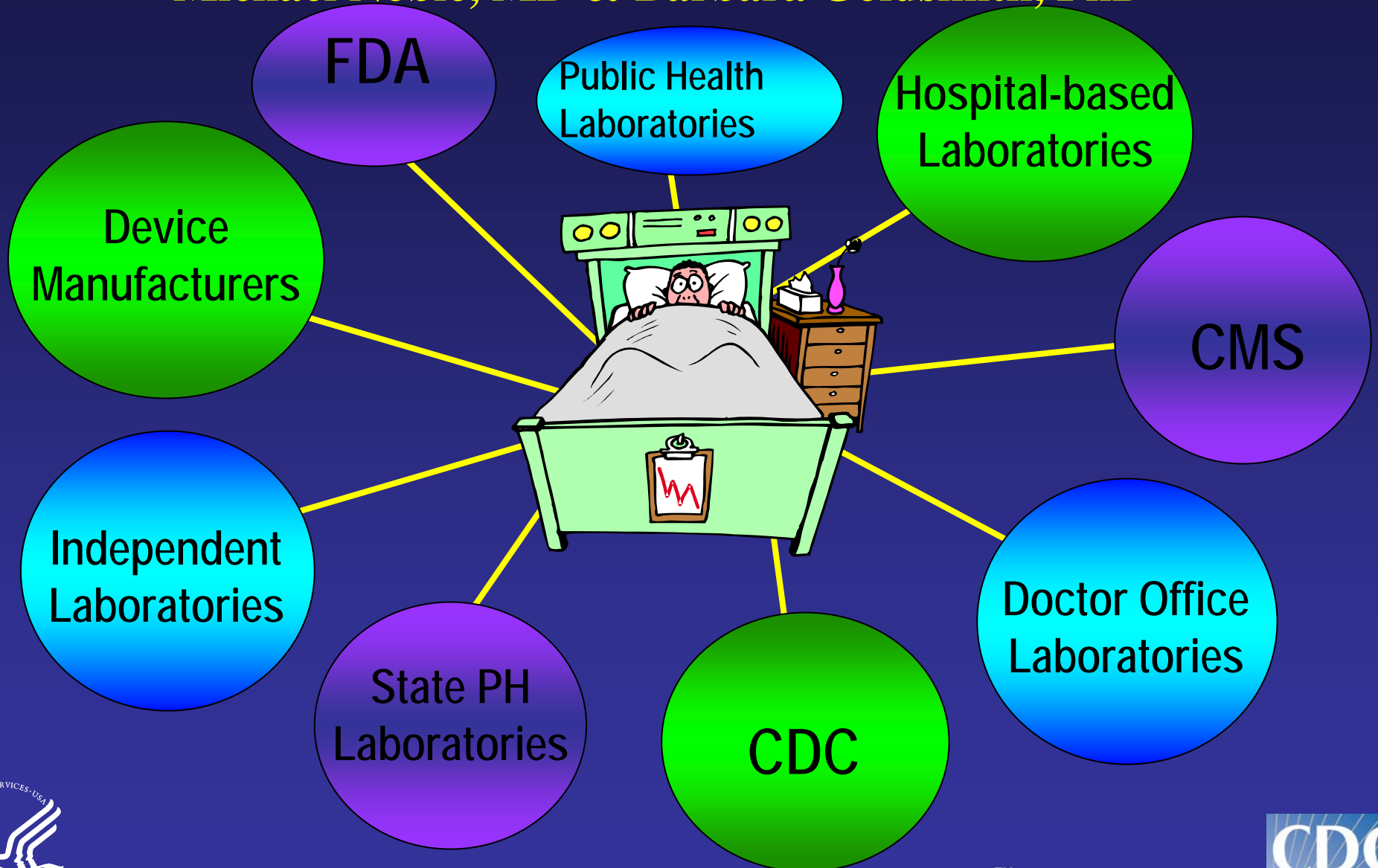
Lee Hilborne, MD, MPH

Fred Meier, MD



Networks Workgroup

Michael Noble, MD & Barbara Goldsmith, PhD



Upcoming IQLM Events

Meeting of IQLM
Partners

October 14, 2004

IQLM Workgroups
Meeting

October 15, 2004

IQLM Conference

April 28-29, 2005



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