Practical Application Of Telepathology Using Morphology-Based Anatomic Pathology

Dennis P. O’Malley, M.D.
Medical Director
US LABS
Irvine, California
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Dennis P. O’Malley, MD, FCAP –
Employer/Salary US LABS
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• The meaning of today will not be clear until tomorrow.

Mason Cooley (b. 1927), U.S. aphorist.
Overview

• Directions
• Barriers
• Motivating factors
• “Models”
• Demonstration
• Summary
• Questions
YESTERDAY

- DIAGNOSIS
- PROGNOSIS
- THERAPY
TODAY

• Explosion in testing choices and capabilities
  – DIAGNOSIS
  – PROGNOSIS
  – THERAPY
• Yesterday: Pathologist practiced in isolation

• NOW: more connectivity
Motivations for Adoption

- Rapidity
- Shared expertise
- Concern about medical legal issues
- Elevated “standard of care”?
- Capital expenditure
- Overall allocation of resources
• Distance pathology
• Telepathology
• Digital pathology
• Virtual pathology
The only limit to our realization of tomorrow will be our doubts of today. Let us move forward with strong and active faith.

Franklin D. Roosevelt (1882–1945), U.S. president.
Demonstration

• DIAGNOSIS
  – IHC EVALUATION
  – IMAGE ANALYSIS
63 year old woman, with enlarged axillary lymph node. Has a 200 pack year smoking history. No known primary site of cancer.
Other Uses

• Paperless reports
• Customized reporting
• Export capacity
• EMR compatibility
• “portability”
The struggle of today, is not altogether for today—it is for a vast future also.

Abraham Lincoln (1809–1865), U.S. president.
Questions or comments?

domalley@uslabs.net