

# NATIONAL CYTOLOGY PROFICIENCY TESTING UPDATE

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**CLIA**

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# CLIA Statute – October 31, 1988

“Periodic confirmation and evaluation of the proficiency of individuals involved in screening or interpreting cytological preparations, including announced and unannounced on-site proficiency testing of such individuals, with such testing to take place, to the extent practicable, under normal working conditions.”

# CMS-Approved Programs 2005

- State of Maryland Cytology Proficiency Testing Program
- Midwest Institute for Medical Education, Inc.

# Test Sequence

- Initial Test - 10 slide test
- First Retest - 10 slide test
- Second Retest – 20 slide test
- Third Retest – 20 slide test

# PRELIMINARY RESULTS

(2005 Only)

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# Preliminary Results As Of 1/31/06 (Maryland & MIMM)

Initial Testing Event (10 Slides in 2 Hours)

<u>Totals</u>	<u>Passed</u>	<u>Failed</u>
12,786	11,630 (91%)	1,156 (9%)
(As of 8/26/05)		
5,274	4,624 (88%)	650 (12%)

# Preliminary Results As Of 1/31/06 (Maryland & MIME)

## Initial Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	6,069 (93%)	439 (7%)
Pri. MD	309 (67%)	152 (33%)
Sec. MD	5,236 (90%)	561 (10%)
LT	16 (80%)	4 (20%)

# Preliminary Results As Of 1/31/06 (Maryland & MIMIE)

Second Testing Event (10 Slides in 2 Hours)

<u>Totals</u>	<u>Passed</u>	<u>Failed</u>
1,124	1,015 (90%)	109 (10%)

(As of 8/26/05)

427	381 (89%)	46 (11%)
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# Preliminary Results As Of 1/31/06 (Maryland & MIME)

## Second Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	425 (96%)	17 (4%)
Pri. MD	87 (66%)	44 (34%)
Sec. MD	501 (92%)	46 (8%)
LT	2 (50%)	2 (50%)

# Preliminary Results As Of 1/31/06 (Maryland & MIMM)

Third Testing Event (20 Slides in 4 Hours)

<u>Totals</u>	<u>Passed</u>	<u>Failed</u>
48	41 (85%)	7 (15%)
(As of 8/26/05)		
10	7 (70%)	3 (30%)

# Preliminary Results As Of 1/31/06 (Maryland & MIMIE)

## Third Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	8 (89%)	1 (11%)
Pri. MD	12 (80%)	3 (20%)
Sec. MD	21 (88%)	3 (13%)
LT	0 (0%)	0 (0%)

# Preliminary Results As Of 1/31/06 (Maryland & MIMIE)

Fourth Testing Event (20 Slides in 4 Hours)

<u>Totals</u>	<u>Passed</u>	<u>Failed</u>
2	1 (50%)	1 (50%)
(As of 8/26/05)		
0	0 (0%)	0 (0%)

# Preliminary Results As Of 1/31/06 (Maryland & MIMIE)

## Fourth Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	0 (0%)	0 (0%)
Pri. MD	0 (0%)	1 (100%)
Sec. MD	1 (100%)	0 (0%)
LT	0 (0%)	0 (0%)

# Comparison Of Initial Failure Rates

	Total # Tested	% Failed
MD 90	293	11%
MD95	603	6%
MIME*	12,258	9%

\* Preliminary Results As Of 1/31/06

# Analysis

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# Preparation Types – CT (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
<b>Total Slides Reviewed</b>			
62,781	5,450	7,975	49,356
<b>Correct Response Category</b>			
57,617(92%)	4,939(91%)	7,574(95%)	45,104(91%)
<b>Incorrect Response Category</b>			
5,164(8%)	511(9%)	401(5%)	4,252(9%)

# Preparation Types – Pri. MD (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
<b>Total Slides Reviewed</b>			
6,224	1,482	803	3,939
<b>Correct Response Category</b>			
5,569(89%)	1,307(88%)	758(94%)	3,504(89%)
<b>Incorrect Response Category</b>			
655(11%)	175(12%)	45(6%)	435(11%)

# Preparation Types – Sec. MD (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
<b>Total Slides Reviewed</b>			
58,072	5,643	9,476	42,953
<b>Correct Response Category</b>			
54,677(94%)	5,278(94%)	9,148(97%)	40,251(94%)
<b>Incorrect Response Category</b>			
3395(6%)	365(6%)	328(3%)	2,702(6%)

# Automatic Failure – HSIL/CA Called Normal/Benign (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Total Tested</u>	<u>Total Failed</u>	<u>Auto Failure</u>
CT	6,596	438(7%)	244(56%)
Pri MD	604	200(33%)	71(36%)
Sec. MD	6,187	606(10%)	168(28%)

# Current Environment

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# CMS-Approved Programs 2006

- State of Maryland Cytology Proficiency Testing Program (1995 - 2005)
- Midwest Institute for Medical Education, Inc. (2005)
- College of American Pathologists (2006)

# Current Activities

- Conference Calls and Meetings with Cytology Professional Organizations
- S & C Memorandum (2006)
- Formation of CLIAC Workgroup
  - Pathologists
  - Cytotechnologists
- Open Door Forum

# Future Activities

- Convene CLIAC Workgroup (March 2006)
- Interim CLIAC Meeting (Summer 2006)
- NPRM
- Final Rule

THANK YOU!

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