



Medical Diagnostic Laboratories, L.L.C.  
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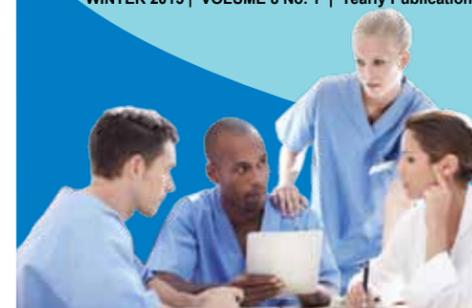
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WINTER 2015 | VOLUME 8 No. 1 | Yearly Publication

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# The Laboratorian

SM

## ICD-10

October 1, 2015 marked the compliance date established by the U.S. Department of Health & Human Services (HHS) for health care providers, health plans and health care clearinghouses to transition to the 10th revision of The International Classification of Diseases (ICD-10) Coding System. ICD-10 codes, which are based on three to seven letters and numbers, offer more extensive classification options than the previous ICD-9 codes to establish the medical necessity for all laboratory tests performed and submitted for payment.

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## WORLDWIDE MEDICAL PRODUCTS, INC.

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Medical Diagnostic Laboratories, L.L.C.  
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At a Glance ICD-9 to ICD-10 Crosswalks Chart

Suspected Condition	CPT Codes	Suspected Conditions	
		ICD-9	ICD-10
Cervicitis and endocervicitis	87491 Chlamydia trachomatis	616.0	N72 Inflammatory disease of cervix uteri
	87529 Herpes (HSV1, HSV2)		
	87591 Neisseria gonorrhoeae		
	87653 Group B Streptococcus		
	87661 Trichomonas vaginalis		
Vaginitis and vulvovaginitis	87798 Bacterial vaginosis	616.10	N61.1 Subacute and chronic vaginitis
	87491 Chlamydia trachomatis		
	87511 Gardnerella vaginalis		
	87529 Herpes (HSV1, HSV2)		
	87591 Neisseria gonorrhoeae		
Candidiasis	87623 HPV low-risk types	112.1	837.3 Candidiasis vulva and vagina
	87624 HPV high-risk types	112.9	837.5 Candidiasis unspecified
	87625 HPV types 16 & 18 only	054.10	A60.0 Herpesviral vulvovaginitis
	87653 Group B Streptococcus	054.12	A60.04 Herpesviral vulvovaginitis
	87661 Trichomonas vaginalis	131.00	A59.00 Urogenital trichomoniasis unspecified
Herpes (HSV1, HSV2)	87798 Bacterial vaginosis	131.01	A59.01 Trichomonas vulvovaginitis
	88176 PAP	131.9	A59.9 Trichomoniasis unspecified
	87461 Candidiasis		
	87529 Herpes (HSV1, HSV2)		
	87591 Neisseria gonorrhoeae		
Trichomoniasis	87661 Trichomonas vaginalis		

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Screenings	CPT Code	Screenings	
		ICD-9	ICD-10
Pap Test	88176	V23.1	Z01.419 Encounter for gynecological examination (general) without abnormal findings
		V72.32	Z01.42 Encounter for cervical smear to confirm finding of recent normal smear following initial abnormal smear
		V76.2	Z12.4 Encounter for screening for malignant neoplasm of cervix
		V86.41	Z12.72 Encounter for screening for malignant neoplasm of vagina
		V26.8	Z25 Encounter for abnormal screening of mother
Group B Streptococcus (GBS) Venereal Disease	87653		
	87491 Chlamydia trachomatis	V74.5	Z11.3 Encounter for screening for infections with a predominantly sexual mode of transmission
	87591 Neisseria gonorrhoeae	V68.8	Z72.89 Other problems related to lifestyle
		V22.9	Z34.90 Encounter for supervision of normal first pregnancy, unspecified trimester
		V22.1	Z34.90 Encounter for supervision of normal pregnancy unspecified, unspecified trimester
Cystic Fibrosis Genetic Testing	87220 CFTR gene analysis, common variants	V23.3	Z08.90 Screening of high risk pregnancy unspecified, unspecified trimester
	87221 CFTR gene analysis, known familial variants	V83.81	Z14.1 Cystic Fibrosis gene carrier status
	87479 Unlabeled molecular pathology procedure	V26.31	Z31.430 Testing of female for genetic disease carrier status, presymptomatic
		V26.30-V26.33	Z31.5 Genetic counseling
		V22.0-V22.2	Z34.00-34.93 Normal pregnancy
Cystic Fibrosis (Pregnancy)	87220 CFTR gene analysis, common variants	V22.0-V22.2	Z34.00-34.93 Normal pregnancy
	87221 CFTR gene analysis, known familial variants		
	87479 Unlabeled molecular pathology procedure	V26.89	Z36 Encounter for antenatal screening of mother
		V26.9	

To obtain a copy of the ICD-10 crosswalks card above, please contact MDL's graphics group via email at [graphics@mdlabor.com](mailto:graphics@mdlabor.com).

### ICD-10 RESOURCES:

- American Medical Association (AMA)
- Center for Medicare & Medicaid Services (CMS)
- American Health Information Management Association (AHIMA)
- Healthcare Information and Management Systems (HIMSS)

## New 2015 CDC Treatment Guidelines

June 2015 marked the release of updated treatment guidelines for sexually transmitted diseases (STD) from the Centers for Disease Control and Prevention (CDC). The new guidelines which update previous guidelines last released in 2010 discuss:

- Alternative treatment regimens for *Neisseria gonorrhoeae*.
- The use of nucleic acid amplification tests for the diagnosis of trichomoniasis.
- Alternative treatment options for genital warts.
- The role of *Mycoplasma genitalium* in urethritis/cervicitis and treatment-related implications.
- Updated HPV vaccine recommendations and counseling messages.
- The management of persons who are transgender.
- Annual testing for hepatitis C in persons with HIV infection.
- Updated recommendations for diagnostic evaluation of urethritis.
- Retesting to detect repeat infection.

Physicians and other health-care providers can use these guidelines to assist in the prevention and treatment of STDs. Complete guidelines can be viewed online at [www.cdc.gov/std/treatment](http://www.cdc.gov/std/treatment).

To obtain a copy of MDL's Summary of Treatment Guidelines booklet which is based on the Summary of 2015 CDC Treatment Guidelines (CS253348), please contact MDL's graphics group via email at [graphics@mdlabor.com](mailto:graphics@mdlabor.com).

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## BLOW OUT SALE!!!

(While Supplies Last)

Part No.	Description	Quantity	Price
71061029	Lab Coat Medical Blue-XX-Large	10/pack	\$29.00
71061039	Lab Coat Medical White-XX-Large	10/pack	\$29.00
71061038	Lab Coat Medical White-X-Large	10/pack	\$29.00
71061028	Lab Coat Medical Blue-X-Large	10/pack	\$29.00
71061035	Lab Coat Medical White-Small	10/pack	\$29.00

### BIOEXCELL® POWDER-FREE LATEX GLOVES



Part No.	Description	Quantity	Price
71011010	Extra-Small	1000/case	\$85.00
71011011	Small	1000/case	\$85.00
71011012	Medium	1000/case	\$85.00
71011013	Large	1000/case	\$85.00
71011014	Extra-Large	1000/case	\$85.00

### C-FOLD PAPER TOWELS

Part No.	Description	Quantity	Price
11011025	13" x 10"	2400/case	\$51.00



### ECO-FRIENDLY SPECTAINER URINE CONTAINER, TAMPER-EVIDENT - STERILE



Part No.	Description	Quantity	Price
42012656	60 mL	500/case	\$154.10
42012657	90 mL	400/case	\$142.27
42012658	120 mL	300/case	\$116.43



### BIOEXCELL® POWDER-FREE NITRILE GLOVES

Part No.	Description	Quantity	Price
71011000	Extra-Small	1000/case	\$85.00
71011001	Small	1000/case	\$85.00
71011002	Medium	1000/case	\$85.00
71011003	Large	1000/case	\$85.00
71011004	Extra-Large	1000/case	\$85.00

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For information on placing a classified advertisement, please email [sthompson@mdlabor.com](mailto:sthompson@mdlabor.com).

## New Tests Released in 2015

In the last year, MDL was proud to release many innovative tests and newly validated specimen sources. In order to take full advantage of the tests available, clients are encouraged to update their Electronic Medical Record (EMR) systems with the information below:

Test No.	Test Name	Validation
1221	BRCA1/2: Comprehensive BRCA Analysis by Gene Sequencing with Deletion/Duplication Analysis	Mouthwash
1222	BRCA1/2: Ashkenazi Jewish 3-site Mutation Analysis	Mouthwash
1223	BRCA1/2: Ashkenazi Jewish 3-site Mutation Analysis (Reflex to Comprehensive BRCA Analysis) (* If the Ashkenazi Jewish 3-site Mutation Analysis is negative, reflex to 1221)	Mouthwash
551	<i>Candida albicans</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
576	<i>Candida dubliniensis</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
559	<i>Candida glabrata</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
578	<i>Candida kefyr</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
566	<i>Candida krusei</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
577	<i>Candida lusitanae</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
558	<i>Candida parapsilosis</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
557	<i>Candida tropicalis</i> by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
713	HPV Type-Detect® 3.0 by Next Generation Sequencing	Validated on <b>UroSwab® both males &amp; females</b>
714	HPV Type-Detect® 3.0 by Next Generation Sequencing (High Risk Subtypes Only)	Validated on <b>UroSwab® both males &amp; females</b>
190	HPV-16 & HPV-18 by Multiplex Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>
129	<i>Mycoplasma genitalium</i> by Real-Time PCR (Reflex to azithromycin and fluoroquinolone resistance by Pyrosequencing)	Added fluoroquinolone resistance <b>OneSwab®</b> , <b>UroSwab®</b> & Thin-Prep®
575	Urogenital Candidiasis Panel ( <i>C. albicans</i> , <i>C. glabrata</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i> ) by Real-Time PCR	Validated on <b>UroSwab® both males &amp; females</b>

### Quality Assurance

#### Question:

I have a particular interest in one of the pathogens tested for by your laboratory. Is it possible to collaborate on a research study with your lab?

#### Answer:

Through its multiple discipline integrated division-based scientific strategy, our Research and Development Department encourages and supports the creation of innovative projects in the fields of Microbiology, Women's Health and Gynecology, Pediatric Infectious Diseases, Cancer, Genetic Immunology, and Pharmacogenomics. This state-of-the-art research program promotes and fosters research collaborations and strategic partnerships with local, national and international Universities, Research Institutes and Biopharma companies. Please call 877.269.0090 for more information or visit our Research & Development page at [www.mdlab.com/company/research-development](http://www.mdlab.com/company/research-development).

If you have a question you would like addressed in future issues, please email your question(s) to [QAQ&A@mdlaboratory.com](mailto:QAQ&A@mdlaboratory.com).

### Recent Publications



#### Femeris Women's Health Research Center:

1. Schuyler JA, Mordechai E, Adelson ME, Gyax SE, and Hilbert DW. 2015. Draft genome sequence of metronidazole-resistant derivative of *Gardnerella vaginalis* strain ATCC 14019. *Genome Announc.* **3(6)**: e01345-15. PMID: 26564054.
2. Schuyler JA, Mordechai E, Adelson ME, Sobel JD, Gyax SE, and Hilbert DW. 2015. Identification of intrinsically metronidazole-resistant clades of *Gardnerella vaginalis*. *Diagn Microbiol Infect Dis.* Epub ahead of print. PMID: 26514076.
3. Schuyler JA, Mordechai E, Adelson ME, Gyax SE, and Hilbert DW. 2015. Draft genome sequence of metronidazole-susceptible *Atopobium vaginae* isolate. *Genome Announc.* **3(5)**, pii: e00991-15. PMID: 26337886.
4. Schuyler JA, Chadwick SG, Mordechai E, Adelson ME, Gyax SE, and Hilbert DW. 2015. Draft genome sequence of metronidazole-resistant *Gardnerella vaginalis* isolate. *Genome Announc.* **3(5)**, pii: e00992-15. PMID: 26337887



#### Medical Diagnostic Laboratories, L.L.C.:

1. Yu RY, Brazaitis J, and Gallagher G. 2015. The human IL-23 receptor rs11209026 A allele promotes the expression of a soluble IL-23R-encoding mRNA species. *J Immunol.* **194(3)**:1062-8. PMID: 25552541.



#### Oncoveda Cancer Research Center:

1. Pallai R, Bhaskar A, Barnett-Bernodat N, Gallo-Ebert C, Nickels JT, and Rice LM. 2015. Cancerous inhibitor of protein phosphatase 2A promotes premature chromosome segregation and aneuploidy in prostate cancer cells through association with shugoshin. *Tumour Biol.* **36(8)**:6067-74. PMID: 25736928.
2. Pallai R, Bhaskar A, Barnett-Bernodat N, Gallo-Ebert C, Pusey M, Nickels JT, Rice LM. 2015. Leucine-rich repeat-containing protein 59 mediates nuclear import of cancerous inhibitor of PP2A in prostate cancer cells. *Tumour Biol.* **36(8)**:6383-90. PMID: 25833693.



#### Institute of Metabolic Disorders:

1. Joseph BK, Liu HY, Francisco J, Pandya D, Donigan M, Gallo-Ebert C, Giordano C, Bata A, and Nickels JT Jr. 2015. Inhibition of AMP kinase by the protein phosphatase 2A heterotrimer, PP2A<sup>pp2r2d</sup>. *J Biol Chem.* **290(17)**:10588-98. PMID: 25694423

#### Abstracts (2015):



#### Venenum Biodesign:

1. Stroke I, Ma L, Letourneau L, Cole A, Li Y, Marinelli B, Malone J, Paulish-Miller T, Pechik I, Quintero J, Sabalski J, Savoly D, Wang A, Hilbert DW, Gyax S, Miller DK, Stein P, and Webb M. 2015. Miniaturized assays for RhoA inactivation through glucosylation by *Clostridium difficile* toxin. 4<sup>th</sup> Annual Conference & Exhibition for the Society of Laboratory Automation & Screening (SLAS 2015), February 7-11, 2015, Washington, D.C.



#### Femeris Women's Health Research Center (MDL):

1. Hilbert DW, Adelson ME, Mordechai E, Sobel JD, and Gyax SE. 2015. Utilization of molecular methods to evaluate vaginal microbiota in a longitudinal study of recurrent bacterial vaginosis. 2015 Infectious Diseases Society for OB/GYN Annual Meeting (IDSOG), August 6-8, 2015, Portland, Oregon.
2. Zimmerman J, Mordechai E, Adelson ME, Hilbert DW, and Gyax SE. 2015. *Mycoplasma genitalium* prevalence & azithromycin & fluoroquinolone resistance. 2015 Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), September 17-21, 2015, San Diego, California.



#### Institute of Metabolic Disorders (MDL):

1. Nickels J. 2015. Arv1 regulates the onset of nonalcoholic fatty liver disease. Gordon Research Conferences – 2015 Conference: Lipids, Molecular & Cellular Biology, July 26-31, 2015, Waterville Valley, New Hampshire.