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TEST UPDATES and ANNOUNCEMENTS

June 17, 2010

Dear Colleague:

Pathology, Inc. is pleased to announce the availability of 19 new Immunohistochemistry and in situ hybridization biomarkers for better characterization of tissue and cell populations, along with a new value-added service to help streamline resulting of Pap Test results to patients.



Tests4me™ Automated Pap Results Program Available

Pathology, Inc.'s new Test4me™ automated Pap Test resulting program for patients is now available. This unique service allows your patients to confidentially and securely access their Pap Test results by phone or on-line through our Website 24 hours a day, 7 days a week. Only normal Pap results will be reported to the patients. To learn more, please visit our website at www.pathologyinc.com or call client services at 877-922-PATH (7284).

CONTRACTED STATUS REMINDER

Pathology, Inc. continues to be a **contracted participating provider** with the prominent National and Regional PPO/POS Health Plans in California, including but not limited to:

- **Aetna**
- **Anthem Blue Cross**
- **Blue Shield of California**
- **Blue Cross/Blue Shield (Out-of-State)**
- **CIGNA**
- **HealthNet**
- **United HealthCare (i.e., PacifiCare)**

Please inform your patients, physicians, and staff members that all claims filed by Pathology, Inc. will be processed by the above health plans as an "In-Network" and/or "Contracted" provider. Please note that some health plans utilize different terminology when referring to laboratory providers, as well as other ancillary providers, who are contracted and are part of their provider network. Depending upon the health plan, laboratory providers may be referred to as a "preferred" provider or a "participating" provider; however, in most instances this designation of "preferred" or "participating" will not affect how the claim is processed nor the patient's financial responsibility. If you have any questions, [please contact your Pathology, Inc. representative](#) for confirmation / clarification.

We thank you for choosing Pathology, Inc. and look forward to your continued support. For additional information, please visit our website at www.pathologyinc.com or contact client services at 877-922-PATH (7284).

Respectfully yours,

Alfred Lui, M.D.
Chief Medical Officer

New Tests

Immunohistochemistry (IHC)

Marker	Clinical Utility
ADH-5 - (CK5/14/7/8) and p63	Useful to distinguish usual ductal hyperplasia of breast, atypical hyperplasia, microinvasive, and basal phenotype breast CA
CA15-3	Epithelial marker; stains breast CA, synovial sarcoma, MFH, lung CA
Caldesmon	Smooth muscle marker; also positive in GIST and glomus tumors
Cathepsin D	Breast CA prognostic marker (>5% staining a/w favorable prognosis); also used to identify metastasis and response to hormonal therapy
CD38	Stains thymocytes, activated T cells, plasma cells, some ALL and AML
CK15	Epithelial marker positive with tricho differentiation; useful to distinguish tricho neoplasms from BCC
CK19	Stains many ductal and glandular epithelia, prostate, non-keratinizing squamous epithelium; negative in hepatocytes
DOG-1	Marker for GIST; establish therapy for tyrosine kinase inhibitors
Melan A + Ki-67	Useful to distinguish nevi from melanoma
Mesothelin	Additional mesothelial marker; also stains ovarian serous neoplasms and pancreatic-bile ductal epithelium, synovial sarcoma, DSRCT
MUC-2	Mucin-related glycoprotein; positive in tumors with "intestinal-type" mucin or goblet cells
Mycobacteria (TB)	Stains M. tuberculosis; also M. avium, M. phlei, and M. parafortuitum
Napsin A	Stains type II pneumocytes; positive in >90% lung adenoCA, negative in adenoCA lung metastasis
Oct 3/4	Positive in classical seminoma and embryonal CA
SP-A	Surfactant protein A; positive in primary lung neoplasms, predominantly pulmonary adenoCA
Uroplakin III	Stains urothelium; useful for metastasis and tumors of unknown primary site

In Situ Hybridization (ISH)

Marker	Clinical Utility
EBER-ISH	Gold standard for detecting latent EBV infection in tissue
Kappa-ISH	Plasma cell marker, cleaner background than IHC, improved signal:noise ratio
Lambda-ISH	Plasma cell marker, cleaner background than IHC, improved signal:noise ratio