Bulley, Margaret

From: labclientservice
Sent: Tuesday, April 30, 2019 10:20 AM
To: GME PC; Ortolf, Barbara; Salvatore, Alicia; Regional Physicians Group Directors of Operations; Regional Physician Group Physicians; Regional Physician Group Practice Managers; CPUP DOO's; CPUP Managers; Allen, Kathleen; Grier, Kathy; Theurkauf, Linda; Viola, Kathy; Redmond, Cassandra I; Khemraj, Darci; Major, Katherine; CPUP Business Administrators
Cc: Fogt, Franz; Atweh, Mahmoud (Michael); Brooks, John; Hunt, William; Gualtieri, Roseann; Murphy, Alice M; Elenitoba-Johnson, Kojo; Morrissette, Jennifer; Rosenbaum, Jason; Roth, Jacquelyn J; Lieberman, David B (Pathology); Milano, Joe; Nachamkin, Irving; Mincarelli, Deborah; Bulley, Margaret; Danoski, Daniel; McLaughlin, Cara; Vespasiani, Lynn; Long, Jeff; Acker, David; Agront, Sarita; Bahar, Wael Y; Mcaleer, Diane S; Macchione, Gerald; Kim, Sharon; Metheny, Robert
Subject: PENN MEDICINE - New Penn Precision Panel: Center for Personalized Diagnostics (CPD)
Attachments: CPD Notification New Penn Precision Panel.docx

Penn Medicine
University of Pennsylvania Health System

To: UPHS Physicians and Staff
From: The Division of Precision and Computational Diagnostics (PCD)
Kojo Elenitoba-Johnson, M.D., Director, Center for Personalized Diagnostics
Jennifer Morrissette, Ph.D., Clinical Director, Center for Personalized Diagnostics
Jason Rosenbaum, M.D., Assistant Professor of Clinical Pathology and Laboratory Medicine
Jacquelyn Roth, Ph.D., Assistant Professor of Clinical Pathology and Laboratory Medicine
Date: May 1, 2019
Re: New Penn Precision Panel: Center for Personalized Diagnostics (CPD)

The Center for Personalized Diagnostics (CPD) offers assays designed to detect genomic variants in oncology samples. The CPD is pleased to announce a new **Penn Precision Panel (PPP2.0)**, detecting single nucleotide variants and small (≤30 base pair) insertions and deletions with diagnostic, prognostic and therapeutic utility in various solid tumors. PPP2.0 will replace the current 20 gene PPP panel on **May 1, 2019**. The updated panel includes 39 additional genes and expanded sample acceptability criteria; all genes/regions from PPP1.0 are included on PPP2.0. Specimens submitted for our **Solid Tumor Panel** can be reflexed to the **Penn Precision Panel** if the specimen does not meet the input requirements for the full panel (see ordering information below).

This assay will detect critical hotspots in the following 59 genes (* indicates full coding sequence coverage):

ABL1	***EGFR***	***GNA11***	***MAP2K1***	***RET***
AKT1	***EIF1AX***	***GNAQ***	***MET***	***ROS1***
ALK	***ERBB2***	***GNAS***	***MPL***	***STK11***
APC	***ERBB4***	***HNF1A***	***MSH6***	***SMAD4***
ATM	***ESR1***	***HRAS***	***NOTCH1***	***SMARCB1***
BRAF	***EZH2***	***IDH1***	***NPM1***	***SMO***
CDH1	***FBXW7***	***IDH2***	***NRAS***	***SRC***
CDKN2A	***FGFR1***	***JAK2***	***PDGFRA***	***TP53****

CSF1R	***FGFR2***	***JAK3***	***PIK3CA***	***TSC1***
CTNNB1	***FGFR3***	***KDR***	***PTEN***	***TSHR***
DDR2	***FLT3***	***KIT***	***PTPN11***	***VHL***
DNMT3A	***FOXL2***	***KRAS***	***RB1***	

This assay *will not detect* fusion transcripts or copy number alterations, and may not detect large (>30 base pair) insertions or deletions. For more details on assay design, please contact the CPD (see below).

SAMPLE REQUIREMENTS: This assay can be used for testing on formalin-fixed paraffin embedded (FFPE) tissues (minimum 10% tumor), tissue or fluid in PreservCyt, blood and bone marrow. This assay is agnostic regarding the tissue-type of the diagnosis.

TURNAROUND TIME: 14-21 business days after reflex from Solid Tumor Panel.

ORDERING INFORMATION: in PennChart, select "Anatomic Pathology Consult (APCONS)". Choose from "Special Studies" drop down menu (Solid Tumor Panel with reflex to PPP).

For additional information and questions: Call the Center for Personalized Diagnostics (215-615-3966) weekdays during regular business hours or visit our website: http://pennmedicine.sitecoreauthoring.uphs.upenn.edu/departments-and-centers/center-for-personalized-diagnostics/gene-panels