Quick Reference Guide — Ordering Columbia NextGen Cancer Panels

Steps to completion

1. Order the test
   - Email PathPGMorders@cumc.columbia.edu

1a. Where will the sample go?
   - The decision to send to Foundation Medicine or keep the case in-house will be
     made internally by a pathologist based on tissue adequacy

1b. Obtain insurance preauthorization
   - PGM staff will initiate preauthorization
   - Pathology billing will contact you if additional paperwork is needed

1c. Submit Advanced Beneficiary Notice
   - Required for Medicare patients
   - Available on the PGM website
   - Send completed form to the list-serve

1d. Obtain NYS DOH waiver for non-approved testing
   - While we await NYS approval for this testing, each individual case will require a
     state waiver. This will be obtained by Pathology. Any problems will be
     communicated back the ordering team

Cancer panels available at Columbia

- TruSeq Amplicon Targets Cancer Panel (TruSeq)
  - Sequencing of 48 cancer-related genes

- Columbia Combined Cancer Panel (CCCP)
  - Sequencing of 467 cancer-related genes comparable to Foundation One

- Cancer Whole Exome with Transcriptome (cWES)
  - Full capture and sequencing of entire exome and transcriptome
  - Performed only on frozen tissue
  - Requires a normal control (blood, buccal)

Important contact information

- Surgical Pathology phone number (212)-305-6719
- Surgical Pathology fax number (212)-305-5912
- Website [pathology.columbia.edu/diagnostic/PGM/oncologytests](http://pathology.columbia.edu/diagnostic/PGM/oncologytests)
- List-serve PGMoncology@cumc.columbia.edu
- PGM laboratory phone number (212)-305-9706
- PGM laboratory fax (212)-342-0420

1. For testing on cases from outside institutions, please instruct the patient to deliver diagnostic slides and 20 blanks to Surgical pathology on VC14; 2. Please include patient’s name, MRN, Specimen ID and the test being requested; Temporary until e-orders are available 3. The sample will be extracted and held until preauthorization is obtained and patient commitment is confirmed; 4. About 50% of preauthorization requests require a letter of medical necessity; 5. Because germline sequencing is performed, a special consent, available on the website, is required for this testing.