

## Integrated Procedural Platform (IPP)

Document Title	Version	Updated Date	Approved by
COVID-19 Testing for Operations and Procedures in the IPP	V23	8/25/2021	Alik Farber, David McAneny, Jennifer Tseng

### A. Pre-Procedure Clinic (PPC) Testing

All patients will undergo testing for COVID-19 two to three calendar days before their scheduled operation or procedure. Anterior Nares (AN) swab can be used for patients who do not have a planned admission if they do not have symptoms of COVID-19 and with no exposure to a COVID-19 positive individual during the past 14 days. A Nasopharyngeal (NP) swab is preferred for patients with a planned admission, however an AN swab will be accepted as the admission test if the patient is admitted. Testing one calendar day before an operation or procedure will be allowed, but is discouraged. After testing, patients should self-quarantine prior to arrival to BMC for their operation or procedure. The BMC 710 Testing clinic is available for testing. It is located at 710 Albany Street and has both walk-up and drive-thru options for patients. Their phone number is 617-638-7670. All orders for AN/NP swab tests will be placed by Pre-Procedure Clinic (PPC) providers regardless of whether the surgeon's office uses PPC for pre-procedure visits, except in instances of COVID-19 positive patients being rescheduled and retested (See Section H).

1. Scheduling an Operation or Procedure and Pre-Procedure Visit
  - a. When discussing and scheduling a patient's operation or procedure, the surgeon and/or their team will instruct the patient to quarantine for at least 14 days prior to their operation or procedure, to the extent possible
  - b. The Surgical Scheduler will schedule the operation or procedure, in compliance with the current prioritization process in Epic, and will schedule a pre-procedure visit, preferably, 10-14 days prior to the operation
    - i. **Services that DO NOT use PPC**
      1. Surgical Scheduler will schedule a pre-procedure visit with their Department's provider
      2. Surgical Scheduler will then send an InBasket message to the PPC at InBasket pool **BMC Amb PPC Admin**
      3. The subject line of the InBasket message will state "COVID-19 Testing" and the date of the operation or procedure
      4. The following information will be provided in the InBasket message
        - a. Patient name
        - b. Patient MRN or DOB
        - c. Name of surgeon
        - d. Date of operation or procedure
        - e. If testing MUST occur 48 hours prior to the operation or procedure, please state this in the InBasket message

## Integrated Procedural Platform (IPP)

5. If the operation or procedure is cancelled or rescheduled, another InBasket message will be sent to the PPC InBasket pool notifying them of such change
- ii. **Services that DO use PPC**
    1. Surgical Scheduler will schedule one of three visit types with PPC in Epic. The type of PPC visit will be determined by the surgeon based on established criteria. **See PPC Lab Matrix (Appendix, Exhibit A).**
      - a. Phone visit
        - i. APP will call patient
        - ii. If patient needs pre-procedure supplies that PPC provides (e.g., Chlorhexidine washes, ERAS supplies, etc.), they will be given to the patient at the BMC 710 Testing clinic
      - b. APP and Anesthesia visit
        - i. Patient will come to PPC for an in-person visit
        - ii. Patient will be given pre-procedure supplies in the PPC, as needed
      - c. Anesthesia only visit
        - i. Patient will come to PPC for an in-person visit
        - ii. Patient will be given pre-procedure supplies in the PPC, as needed
    2. There is no need to also send an InBasket message to the PPC if the patient is being scheduled for a PPC visit several days prior to the operation or procedure
  - c. The APP performing the pre-procedure visit, whether using phone, in the PPC or in the home Department, will verbally screen for COVID-19 (e.g., unexplained fever, cough, shortness of breath, chills, muscle pain, headache, sore throat, chest pain, new loss of taste or smell, or exposure to a COVID-19 positive individual during the past 14 days)
    - i. APP will notify the surgeon via an Outlook email message as well as call the surgeon on their cell phone of a positive verbal screen
    - ii. If the patient is at BMC for an in-person pre-procedure visit and screens positive
      1. At an entrance wellness check station, they will be directed to the CRO ILI 2 clinic for testing
      2. After they arrive at the clinic for their visit, the clinic will follow current Ambulatory protocols for positive screens
2. PPC AN/NP Swab Order Entry
  - a. The PPC will be responsible for entering **ALL** orders for AP swab tests to be completed two to three calendar days prior to the operation or procedure. They will also schedule an appointment for the patient at the BMC 710 Testing clinic in Epic. **See Tip Sheet on Pre-Procedure COVID-19 Testing in BMC 710 Testing Clinic (Appendix, Exhibit B).** Depending on the surgical department/division, the PPC may either receive a message via InBasket notifying them that an order needs to be entered or the patient will be scheduled for a PPC visit.
    - i. InBasket message
      1. APP will enter the order for AN/NP swab and either the APP or administrative support staff will schedule an appointment for the patient

## Integrated Procedural Platform (IPP)

with the BMC 710 Testing clinic for 2-3 days before the operation or procedure on the day the InBasket message is received. The patient will be contacted to advise them of the testing requirement, coordinate and schedule the testing appointment and provide them helpful information. The order will be entered as part of a Telephone Encounter or an Orders Only Encounter.

- ii. Phone visit
    1. APP will enter order for AN/NP swab and schedule an appointment for the patient with the BMC 710 Testing clinic for 2-3 days before the operation or procedure on the day they perform the phone visit. The order will be entered as part of a Telephone Encounter or an Orders Only Encounter.
  - iii. APP and Anesthesia visit
    1. APP will enter order for AN/NP swab and schedule an appointment for the patient with the BMC 710 Testing clinic for 2-3 days before the operation or procedure on the day they perform the in-person visit. The order will be entered from the PPC Encounter.
  - iv. Anesthesia only visit
    1. APP or administrative support staff will run a report in Epic each morning to determine the Anesthesia only visits happening that day and APP will enter the order for AN/NP swab and either the APP or administrative support staff will schedule an appointment for the patient with the BMC 710 Testing clinic for 2-3 days before the operation or procedure the day the Anesthesia only visit occurs. The patient will be contacted to advise them of the testing requirement, coordinate and schedule the testing appointment and provide them helpful information. The order will be entered as part of a Telephone Encounter or an Orders Only Encounter.
3. BMC 710 Testing Clinic
- a. Patients will be instructed to go to the BMC 710 Testing clinic two to three calendar days before their operation or procedure. **If testing is done one day prior to their operation or procedure, the patient must be tested between 8am-11am.**
  - b. The BMC 710 Testing clinic will be open Monday-Friday from 8am-2pm and on Saturdays and Sundays from 8am-noon
  - c. Patient will arrive at BMC 710 Testing clinic:
    - i. BMC 710 Testing clinic staff member will check that the AN/NP swab order is in Epic
      1. If yes, he/she will print labels and label appropriate tubes
      2. If no, he/she will check EPIC to verify that patient's operation or procedure is scheduled for the next day or two.
        - a. If yes, clinic staff member will enter the order in Epic and the BMC 710 Testing clinic will then print labels and label tube
    - ii. Once the swab is completed, if the patient's operation or procedure is the following day, the BMC 710 Testing clinic will send the specimens to the Lab to arrive there no later than 11:30am in order for results to be returned by 4pm-5pm the day prior to the operation or procedure

## Integrated Procedural Platform (IPP)

1. The specimens collected by the BMC 710 Testing clinic will run on the Roche assay (batched twice daily at noon and 5pm with average TAT 4-5 hours from receipt in Lab)
4. PPC Results Monitoring
  - a. AN/NP swab test results will be sent directly from the Lab to the ordering PPC provider as well as the surgeon via InBasket and PPC staff will also monitor results
    - i. If the result is **negative**
      1. The result will be routed directly to the ordering provider and the surgeon via InBasket
      2. No additional email or call will be made to the surgeon or the patient by PPC staff
      3. The operation or procedure will proceed as scheduled
    - ii. If the result is **positive or inconclusive**
      1. PPC APP will send an Outlook email message to the surgeon advising them of the positive result as well as call the surgeon on their cell phone
      2. **The surgeon will contact the patient to advise them of the positive result** and discuss plans for the operation or procedure
        - a. If the decision is made to not proceed with the operation or procedure (advisable for most cases) follow steps in Section H below
        - b. If the decision is made to proceed with operation or procedure
          - i. Elective operations and procedures should be avoided on patients who test positive for COVID-19
          - ii. For elective cases, the surgeon will need to contact Dr. Jennifer Tseng, Dr. David McAneny, or their designee to discuss the decision to proceed with the operation or procedure
    - iii. If patient is a **no-show** for the AN/NP swab
      1. The case will need to be rescheduled if there is not sufficient time to schedule a new testing appointment for the patient
      2. PPC administrative support staff will send an Outlook email message to the surgeon and their Surgical Scheduler notifying them of the no show and their office will need to reschedule the operation or procedure
      3. Once rescheduled, the Surgical Scheduler will send a new InBasket message to the PPC with the new date of the procedure so the PPC can reschedule the COVID-19 test and the appointment with the BMC 710 Testing clinic

### B. Day of Surgery Testing

Pre-Procedure Testing @ 710 Albany St:

Mon-Fri: 8:00 am – 12:00pm

Saturday – Sunday: 8:00am – 12:00pm

In the event that an outpatient needs to have add-on emergent or urgent same day surgery/procedure:

## Integrated Procedural Platform (IPP)

1. If the case presents during 710 Albany St Hours of Operation (above) and the patient is able to go to 710 Albany St for testing, follow these steps to get patient scheduled and results marked STAT:
  - a. Page the 710 Pre-Op Testing STAT Results pager at 3623 – STAT pager runs on the same hours of operation as above.
    - i. Please include: Ordering department, ordering provider, patient name, MRN, call back number & add-on surgery.
  - b. Ordering department needs to place a COVID-19 STAT order in EPIC for the patient
    - i. Order Name: SIMPLEXA
    - i. Specimen will be run on the Simplexa assay (TAT 2.5-3 hours)
  - c. Upon arrival, 710 Albany staff will schedule the patient’s appointment on EPIC and obtain a swab sample
    - i. PLEASE NOTE: 710 Albany testing site **cannot accommodate** bedded or critically ill patients. Patients need to have the ability to walk to 710 Albany and enter through the lobby for “walk-in” testing or use the drive-thru for “in-car” testing
2. If the patient is critically ill, bedded, and/or are clinically unable to go to 710 Albany for same day testing OR presents outside of the 710 Albany Pre-Op Testing Hours the following protocol will be followed: For those patients who are not critically ill and are not bedded the AP swab will be performed in the **Endoscopy Triage Room 2306**. Because access to the rapid Cepheid test is limited, this option should only be considered if absolutely necessary. Patients who are critically ill or bedded will be tested in **Preoperative Bay #4** (negative pressure isolation room).
  - a. Patients will be instructed to do the following when arriving to BMC for their operation or procedure
    - i. The patient will arrive at the Moakley lobby entrance 2-3 hours before the scheduled operation or procedure
      1. Patient should arrive at 6am for the first case of the day
    - ii. The patient will stop at the Moakley lobby wellness check station for screening
    - iii. If the screening is **negative**
      1. The patient will proceed to the OR Registration Desk
    - iv. If the screening is **positive**
      1. The staff at the Moakley wellness check station will send the patient to the CRO ILI 2 clinic for testing and the operation or procedure will be rescheduled
  - b. After the patient checks in with the OR Registration Desk, the following steps will be followed
    - i. Registration staff will contact a Pre-op RN or the Perioperative Nurse Educator by phone at 617-414-4151 and they will escort the patient to Endoscopy Triage Room 2306 or Preoperative Bay #4 (negative pressure isolation room) to perform an AN/NP swab
    - ii. The primary surgeon or a member of the surgery team will place the AP swab order as part of the pre-op order set
      1. The ordering provider must select one of the following

## Integrated Procedural Platform (IPP)

- a. “For case starts prior to 0900, order the following” (specimen will be run on the Cepheid assay (TAT 1.5 hours)
- b. “For case starts after 0900, order the following” (specimen will be run on the Simplexa assay (TAT 2.5-3 hours)
- iii. The nurse performing the AN/NP swab must wear appropriate PPE as per the IPP PPE Guidelines for care of a patient whose COVID-19 status is unknown
- iv. Before entering the testing room, the nurse will tape the empty plastic specimen bag to the outside of the testing room door then the testing room door must be closed for the AN/NP swab procedure
- v. The necessary supplies for the procedure are located in a cart in the testing room. The cart must be kept closed during the procedure. Items in the testing room are covered in plastic to allow for ease of cleaning.
  1. The person using the supplies in the cart must replace them
    - a. Order in Epic, Service Tasks tab
- vi. Labels will print in Pre-op
- vii. Once the AN/NP swab is completed, the nurse places the swab into the specimen bag hanging on the outside of the testing room door with the Pre-op call back extension
- viii. Specimen will be sent to the Main Lab (Station# 675) via pneumatic tube
- ix. Upon completion of the AN/NP swab, the patient will replace their mask and then wait in the testing room or be taken to an isolation room to wait for results to be obtained
- x. Surfaces in the room which the patient had contact with should be wiped down. There is no need for a waiting period to test another patient in the room.
  1. If the result is **negative**
    - a. The testing room does not need to be cleaned by EVS
    - b. Patient will be taken to Pre-op Area and the team will proceed with the normal pre-op process. A parent accompanying a pediatric patient, can stay in the Pre-op Area, but will not come into the OR.
  2. If the result is **positive or inconclusive**
    - a. EVS will perform a thorough cleaning of the testing room
    - b. The nurse will notify the surgeon of a positive result and the operation or procedure will be rescheduled

### C. Testing Department of Corrections (DOC) Patients

1. DOC patients will not be scheduled for operations or procedures on Saturdays and Sundays due to the difficulty in transporting them to BMC on weekends and holidays
2. DOC patients who have an operation or procedure scheduled on a Monday will require testing on the previous Friday. Those scheduled for a procedure on the day after a Monday holiday, will

## Integrated Procedural Platform (IPP)

receive day of surgery testing because of the difficulty in transporting them to BMC for COVID-19 testing on weekends and holidays

3. In all other instances, DOC patients will be tested as described above at the BMC 710 Testing clinic two to three calendar days prior to their procedure

### D. Pediatric Surgical Patients

1. Testing of pediatric surgical patients will follow the same guidelines described above for adult patients
2. Parents will not be tested for COVID-19, but will be verbally screened at appropriate intervals and required to wear masks while at BMC
3. A pediatric patient will be accompanied by one parent only
4. COVID-19 testing on pediatric surgical patients will be performed using AN swabs

### E. Inpatient Testing

1. All patients who are admitted to the hospital through the emergency room for possible admission will be tested for COVID-19, consistent with current practice.
2. If the patient's test is negative and they have no concerning symptoms or findings for COVID-19 (fevers, opacities on chest CT, etc.), they will be considered a candidate for surgery using the non-COVID-19 protocol.
3. The OR will continue to monitor the COVID-19 status through EPIC and an icon dedicated to COVID-19 status will remain on the main OR board. All patients being brought to the OR for an elective procedure must have blue icon which represents negative testing.
4. Because there is a possibility of infection during the hospitalization, all inpatients (excluding patients who previously tested positive and meet criteria below) will be retested within 72 hours or 3 calendar days of their procedure (whichever is longer) to confirm that they are negative, before bringing them to the OR. It will be the responsibility of the team that plans the OR procedure to obtain this documentation. **If patient is asymptomatic (no symptoms consistent with COVID-19), patient may remain in non-COVID ward while test is pending.** COVID-19 positive patients who require emergency operations or procedures will be treated in accordance with the COVID-19 protocols.
  - a. If a COVID-recovered patient has previously tested positive for COVID-19 and is asymptomatic, retesting is not recommended within 3 months (90 days) after the date of the first positive test for the initial COVID-19 infection. These patients do not require a COVID test prior to a procedure.
5. **If a patient had prior negative COVID-19 test on admission, inpatient COVID-19 tests will be performed using AN swabs.** An NP swab, however, will be accepted.

## Integrated Procedural Platform (IPP)

### F. Emergent and Urgent Cases from ED

1. For patients who require immediate operations or procedures and who could not undergo COVID-19 testing in the Emergency Department, the patient will be treated as **Unknown COVID-19 Status** with regard to PPE
2. For urgent cases coming directly from the ED, if the patient has symptoms concerning for COVID-19 infection, the patient will wait in the ED until a COVID-19 test is performed and resulted
3. For urgent cases coming directly from the ED, if the patient does not have symptoms concerning for COVID-19 infection, the patient can proceed to the pre-operative area after the COVID-19 test has been performed, but before it has been resulted

### G. Testing Performed at another Facility

1. This is not a preferred method of pre-procedure testing, but if necessary, pre-procedure COVID-19 testing may be done at an outside facility within two to three calendar days of the scheduled operation or procedure and results received at BMC no later than 4pm the day before the operation or procedure
  - a. Results may be faxed to the PPC at 617-638-6284
2. The patient or the surgeon's staff will be responsible for arranging the outside test and obtaining results before 4pm the day prior to the operation or procedure as well as sending the results to the PPC
3. An InBasket message will be sent to the PPC notifying them that the patient will be having a COVID-19 test done at an outside facility
4. PPC will notify the surgeon if results have not been received by 4pm the day prior to operation or procedure
5. Either an AN or NP swab will be accepted.
6. Results from Abbott Binax NOW tests or any antigen-based tests will not be accepted. Only PCR COVID 19 tests will be accepted.
7. When outside testing is used, **it is the responsibility of the surgeon and his/her department** to ensure the results of these tests are provided to the PPC prior to the deadline and the testing method meets the requirements above.

### H. Retesting and Rescheduling Procedure after Positive Result Received Prior to Original Procedure Date

1. Patients who tested positive for COVID more than 9 months ago will only need to have **one** COVID test performed two to three calendar days prior to the operation or procedure. For these patients, the process through PPC as described in Section A of this document is to be followed.
2. COVID-recovered patients who had an initial positive test less than 9 months ago and remain asymptomatic will not require a repeat COVID test before their operation or procedure.
3. COVID-recovered patients who had an initial positive test less than 9 months ago and have **new** COVID-related symptoms should be re-tested.

## Integrated Procedural Platform (IPP)

4. If a patient had an initial positive test <9 months ago and does not meet [criteria for symptom-based clearance](#), the procedure will be placed back on the surgical schedule:
  - a. at least 10 days after the first positive test for mild-moderate COVID-19 OR at least 20 days after the first positive test for severe COVID-19; AND 24 hours after the resolution of fever (without antipyretics) and improvement in respiratory symptoms
  - b. The surgeon will notify their Surgical Scheduler once the patient's symptoms resolve and they are able to place the case back on the surgical schedule or if the patient is asymptomatic
5. The surgeon's office is responsible for scheduling the required COVID test at the CRO ILI 2 testing clinic
  - a. If the AN/NP swab is **positive or inconclusive**
    - i. The surgeon or their APP will contact the patient to advise them of the positive result
    - ii. The procedure is postponed for at least 10 days and the surgeon's office will schedule another NP swab at CRO ILI 2
  - b. If the AN/NP swab is **negative**
    - i. The surgeon or their APP will contact the patient to advise them of the negative result and the operation or procedure will proceed as scheduled

### I. Postoperative Fever Testing for Inpatients

1. Patients on inpatient floors who develop a fever after an operation or procedure will be subjected to the following protocol:
  - a. For a fever 24-72 hours postoperatively, a standard postoperative work-up should be performed.
  - b. For a fever ( $T \geq 101$  F) occurring at 72 hours postoperatively, the surgical team will:
    - i. Order NP swab for COVID testing
    - ii. Send blood for Inflammatory markers including serum CRP, LDH and ferritin
    - iii. Send CBC with differential and platelet count
    - iv. Order a PA and lateral chest x-ray (or portable chest x-ray if patient unable to be transported to radiology department)
  - c. Patient will be placed under Droplet Contact Precautions (N95 mask, gown, face shield and double gloving) until test results are available.
    - i. If NP swab test is negative, but CXR has infiltrates or blood work shows lymphopenia or platelets  $\leq 135k/\text{microL}$ , then a repeat NP COVID will be sent and enhanced PPE care will continue.
    - ii. If the second COVID test is negative, then enhanced PPE care will be discontinued.

### J. Procedures That Will Not Require Preprocedural COVID 19 Testing

1. All interventional radiology, neuro-interventional, interventional cardiology, electrophysiology and endovascular vascular surgery procedures that **are not** booked to be done with anesthesia.
2. Colonoscopies

## Integrated Procedural Platform (IPP)

3. Pain management procedures
4. Any non-aerosolizing surgical or interventional procedure performed under local or MAC anesthesia.

Cases that are defined as highly aerosolizing (Exhibit C) or booked for planned general anesthesia will continue to require preoperative COVID 19 testing.

Patients who are known to be likely admitted to the hospital (inpatient or observation) will need a COVID 19 test even though they may be undergoing non-aerosolizing or non-general anesthesia requiring procedures. If the operating physician believes that there is a >20% chance that a patient may be admitted overnight then he/she should ensure that a preprocedural COVID 19 test is scheduled and performed.

If the operating physician decides that a patient he/she is intervening on may require admission during or upon completion of the case then a STAT COVID 19 test (LIAT) test needs to be ordered before the patient leaves the room. A traveling medical assistant can be paged at 2683 to perform the test (Exhibit D) or the test can be performed by nursing staff and then tubed to 670 Albany 7<sup>th</sup> Floor Lab.

### K. Appendices

[Exhibit A: Pre-Procedure Clinic Lab Matrix](#)

[Exhibit B: Pre-Procedure COVID-19 Testing in BMC 710 TESTING Clinic](#)

[Exhibit C: List of High Risk \(Highly Aerosolizing\) Procedures](#)

[Exhibit D: Traveling Medical Assistant Procedure](#)

# Integrated Procedural Platform (IPP)

## Exhibit A: Pre-Procedure Clinic Lab Matrix

### BOSTON MEDICAL CENTER Pre-Procedure Clinic

#### Lab Matrix

	CBC	BMP	INR / PT	PTT	LFTs	TSH T3/T4	UA C/S	ECG	CXR	Vitamin D	Albumin	Pre Alb	A1C	MSSA	T&S	Cr
Cardiovascular Disease (i.e. MI, CHF, pacemaker, AICD, CAD, coronary stents)	x							x								
Pulmonary disease (i.e. COPD, active asthma)	x							x								
ESRD on dialysis	x	x						x								
Renal Insufficiency	x	x														
Hepatic/Liver Disease	x	CMP	x		x											
HTN								x								
Diabetes		x						x					x			
Vascular Disease	x							x								
UTI symptoms							x									
Bleeding Disorders	x		x	x												
Chemotherapy	x	x														
Diuretics		x														
On Methadone								x								
Hypothyroidism (If not done within 3 months of PPC appointment)						x										
Anticoagulants			x	x												
<b>TYPE OF SURGERY</b>																
General Note: For back surgeries with an ortho surgeon, follow ortho labs; with neuro surgeon, follow neuro labs																
Neurosurgery (Must be completed within 30 of surgery, regardless of patient age)	x	x	x	x			x	x						x	x	
Gyn (T&S for Lab Hysterectomy, Oophorectomy, Salpingectomy)	x	x													x	
OB (Labs must be ordered within 2 weeks of surgery - reorder if > 2wks old)	x														x	x
Major surgeries: (i.e. cardiac, thoracic, vascular, abdominal) Except varicose veins and angiograms. (NO MSSA for abdominal)	x	x						x						x		
Total Thyroidectomy						x				x						
Total joint replacement (INRPT Only on Knees and Hips)	x	CMP	x					x		x		x	x	x	x	
Spinal surgery w/ hardware							x				x	x	x	x		
ALIF/other fusions *UA C/S only for lumbar	x	CMP					x*			x		x	x		x	
Bariatric surgery	x	CMP						x			in CMP					
Vascular surgery			x													
GU surgery																
GI	x	x														
GI Foregut/Abd (Dr. Sachs' and Tseng's pancreas/liver/gastric resections)	x	CMP													x	
Cardiac surgery														x		
Implantation of prosthetic material														x		
<b>PLASTIC SURGERY</b>																
(Plastics will do their own T&S) NV = neovaginalplasty	x	CMP	x	x			x (NV)							x		
<b>History &amp; Physical</b>																
Within 30 days																
<b>Labs</b>																
Within 3 months for age > 70 years old - see exceptions bolded above																
Within 6 months for age < 70 years old - see exceptions bolded above																

## Integrated Procedural Platform (IPP)

### Exhibit B: Pre-Procedure COVID-19 Testing in BMC 710 TESTING Clinic

Release date: 5/29/2020

Role: NP/PA (PPC) RN

## Pre-Procedure COVID-19 Testing in BMC 710 TESTING Clinic

Any patient needing a COVID-19 test prior to a procedure will need to have an order placed and an appointment scheduled in BMC 710 Testing.

1. The **COVID-19 Pre-Procedure and High-Risk Ambulatory Order Set** needs to be placed from an encounter.
2. Once the order is placed, a corresponding appointment needs to be scheduled in **BMC 710 Testing**.

Depending on where you are located, use the following steps to place the order:

3. To place the order from Outpatient Areas, Telephone Encounters, and/or Orders Only Encounters:
  - a. From your navigator go to **SmartSets**. Select the **COVID-19 Pre-Procedure and High-Risk Ambulatory Order Set**. **Open** the SmartSet.



COVID-19 Pre-Procedure and High-Risk Ambulatory Order Set [Personalize](#) [⌵](#)

ONLY for testing asymptomatic patients at CRO Testing who require COVID testing per BMC guidelines. Patients must have scheduled visit in CRO Testing to obtain specimen.

▼ COVID-19 Testing

▶ Visit Diagnosis Click for more

Ⓞ Encounter for laboratory testing for COVID-19 virus [Z11.59]

▼ BMC AMB ILI CLINIC COVID19 CDC/BMC GUIDELINES ATTESTATION

Ⓞ I have reviewed and am following BMC criteria to evaluate patient appropriateness for testing. [Details](#)

▼ COVID-19 Testing

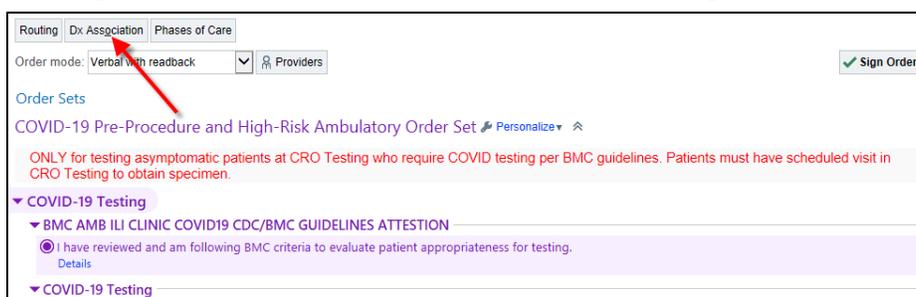
Place 1 large label and 1 small label on a single tube.

Ⓞ SARS CoV-2 (Novel Coronavirus 2019, COVID-19), RT-PCR ■

Ⓞ Expires: 5/19/2021, STAT, Clinic Collect

- b. **Sign the SmartSet** (complete any required actions or errors).

4. To place the order from a PPC encounter:
  - a. From the **PPC** navigator go to **Order Set**. Select the **COVID-19 Pre-Procedure and High-Risk Ambulatory Order Set**. **Open** the Order Set.
  - b. Once the Order Set is open select **Dx Association**. Type "**COVID Encounter**" and you will select the diagnosis z11.59 Encounter for laboratory testing for COVID-19 virus.



Routing | **Dx Association** | Phases of Care

Order mode: Verbal with readback Providers ✔ Sign Orders

Order Sets

COVID-19 Pre-Procedure and High-Risk Ambulatory Order Set [Personalize](#) [⌵](#)

ONLY for testing asymptomatic patients at CRO Testing who require COVID testing per BMC guidelines. Patients must have scheduled visit in CRO Testing to obtain specimen.

▼ COVID-19 Testing

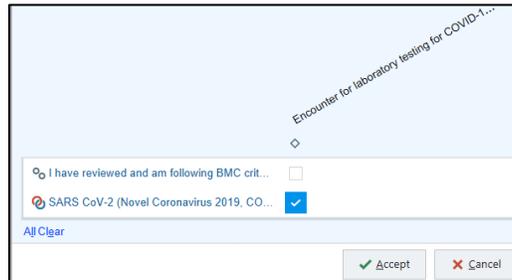
▼ BMC AMB ILI CLINIC COVID19 CDC/BMC GUIDELINES ATTESTATION

Ⓞ I have reviewed and am following BMC criteria to evaluate patient appropriateness for testing. [Details](#)

▼ COVID-19 Testing

## Integrated Procedural Platform (IPP)

- c. Associate the diagnosis to the SARS-CoV-2 order and select **Accept**.



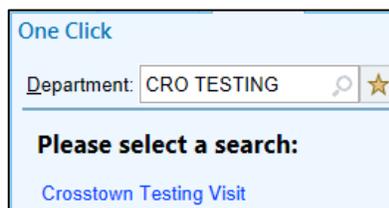
- d. **Sign the orders** (complete any required actions or errors).

5. Schedule the visit in BMC 710 Testing using the **One Click button** . The department you are logged into will determine where you will find the One Click button:

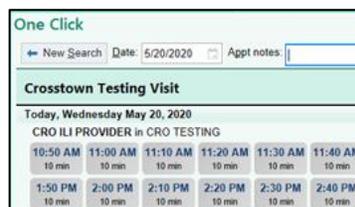
- Schedule (Multi-Provider Schedule)
- Status Board
- In Basket Staff Message
- From the DAR (Department Appointment Report)

- a. With the patient's name highlighted **select One Click**. If you didn't have the patient name highlighted, you will be presented with the **Patient Search** window. Find the patient by searching for Last Name, First Name or MRN.

- b. Change the **Department** to BMC 710 TESTING. Select **Pre-Admission Testing Visit**:



- c. All available timeslots display. Appointments are scheduled in 10 minute increments. Select an available appointment slot:



- d. You will be presented with a confirmation window to confirm the date and time with the patient. Select **Accept**. The appointment is now scheduled.

6. COVID19 lab results will route back to the ordering/authorizing provider and can also be found in the Labs Tab in Chart Review.

## Exhibit C: List of High Risk (Highly Aerosolizing) Procedures

COVID-19 Testing Guidelines can be found [here](#).

### List of High Risk (Highly Aerosolizing) Procedures

1. **ENT:**
  - a. Tympanomastoidectomy
  - b. Lateral temporal bone resection
  - c. Nasopharyngeal scoping
  - d. Direct laryngoscopy/suspension microlaryngoscopy
  - e. Endoscopic sinus surgery
  - f. Tonsillectomy, adenoidectomy
  - g. Maxillectomy
  - h. Mandibulectomy
  - i. Tracheostomy
  
2. **Neurosurgery:**
  - a. Transsphenoidal surgery
  - b. Anterior skull base surgery
  - c. Lateral skull base surgery
  - d. Awake craniotomies
  
3. **Cardiothoracic:**
  - a. Open tracheal surgery
  - b. Bronchoscopy (flexible or rigid)
  - c. VATS (with lung resection or double lumen tube) including robotic assisted
  - d. Thoracotomy
  - e. Esophagectomy
  - f. Sternotomy
  - g. Any case with double lumen tube (i.e., typically use bronchoscope to check tube placement)
  - h. Upper endoscopy
  
4. **Orthopedics/Spine:**
  - a. Orthopedic cases that use drills, reamers or other power equipment (joint replacement, fracture fixation, amputations)
  - b. Procedures in which a non-powered saw (i.e., Gigli saw) is used (i.e., amputations) will NOT be considered high risk
  
5. **OMFS:**
  - a. Impacted teeth removal
  - b. Wisdom teeth removal
  - c. Cleft lip and cleft palate repair
  - d. Maxillo/mandibular advancement
  - e. ORIF mandible fractures
  - f. ORIF mid face fractures
  
6. **Upper Endoscopy**

# Integrated Procedural Platform (IPP)

## Exhibit D: Traveling Medical Assistant Procedure

### Traveling Medical Assistant

The “Traveling Medical Assistant” is a Medical Assistant that can be paged when a patient needs to be COVID-19 tested. If the service is needed, simply page the Traveling MA and he/she will arrive to requested location to swab the patient and bring specimen to the lab.

#### Directions:

1. Identify patient that needs COVID-19 testing
2. Page the Traveling MA at **2683** and include the following information:
  - a. Your name
  - b. Your phone number
  - c. Pt. MRN
  - d. Pt. location
3. Place your COVID-19 order
4. Medical Assistant will arrive
5. Medical Assistant will swab the pt.
6. Medical Assistant will bring specimen to lab
  - a. STAT patients will be brought directly to the lab
  - b. Non-STAT patients will be brought over in batches every 1.5 hours

#### Hours of Operation:

Monday – Friday

8:00AM – 4:00PM (last page accepted at 3:45PM)

#### *Commonly asked questions:*

Q: Does the Traveling MA swab pediatric patients?

A: Yes, the Medical Assistant will swab any **asymptomatic** pediatric patient

Q: Does the Traveling MA perform RAPID/STAT testing?

A: Yes, the Medical Assistant will follow the order placed

Q: Can the Traveling MA place the order for me?

A: No, there must be an order in EPIC before the Medical Assistant arrives

Q: How long does it take the Medical Assistant to arrive after being paged?

## Integrated Procedural Platform (IPP)

A: Depends on volume. The Medical Assistant will give you a call when he/she receives the page to assess urgency

Q: Can the Medical Assistant swab multiple patients before leaving?

A: No, the Medical Assistant will only swab the patient whom he/she was paged for