**SARS-CoV-2 Antigen Testing**

**Competency Assessment**

**Theoretical Test**

**Instructions:**

* The moderator will provide the tester with this sheet.
* The testers will be required to answer ten multiple choice questions on content presented in the training.
* For each correct item, the tester will obtain 1 point.
* 8 points are required for a passing score.

**Tester’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date (dd/mm/yy): \_\_ \_\_/\_\_ \_\_/\_\_ \_\_**

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| --- | --- | --- |
| **SARS-CoV-2 Antigen Testing Questions** | **Answered correctly** | **If NO add comment** |
| 1. **Select the correct answer(s)-in which of the following scenarios is SARS-CoV-2 Antigen testing recommended?**
* Respond to suspected outbreaks in remote settings, institutions and semi closed communities where multiple positive antigen tests are highly suggestive of a COVID outbreak
* Support outbreak investigations, where antigen tests can help screen at-risk individuals and rapidly isolate positive cases
* Monitor trends in disease incidence in communities, particularly for essential workers and HCWs during outbreaks
* Where there is widespread community transmission, antigen testing may be used for early detection and isolation, including for contact tracing
* Testing of asymptomatic contacts of cases may be considered even if the antigen test is not specifically authorized for this use
 | ❑YES | ❑NO |  |
| 1. **What biosafety level is recommended for SARS-CoV-2 Antigen testing?**
* High
* Moderate
* Low
 | ❑YES | ❑NO |  |
| 1. **Select the correct answer(s)-what PPE is required for sample collection?**
* Non-sterile gloves; single use only
* Gown
* Eye protection
* N95 respirator
 | ❑YES | ❑NO |  |
| 1. **Select the correct answer(s)- Which supplies should be part of the workstation set-up?**
* Non-sterile gloves; single use
* Timer
* QC sample
* Disinfectant
* Supervision checklist
 | ❑YES | ❑NO |  |
| 1. **A respirator or face Mask is medical device covering the mouth, nose and chin to ensure a barrier that limits the transition of an infective agent which of following are best Practices:**
* Before putting on a mask, clean hands with alcohol-based hand rub or soap and water
* Cover mouth and nose with mask and make sure there are no gaps between your face and the mask
* Avoid touching the mask while using it; if you do, clean your hands with alcohol-based hand rub or soap and water
* Replace the mask with a new one as soon as it is damp
* To remove the mask: remove it from front of the mask (immediately in a closed bin
 | ❑YES | ❑NO |  |
| 1. **Goggles or Face Shield protects for face, mouth, nose, and eyes against splashes, sprays, and respiratory droplets. Which of the following is false;**
* Wear when performing activities likely to generate splashes or sprays of blood, body fluids, secretions, or excretions
* Remove eye protection before leaving the patient or care area or the lab
* Reusable eye protection (e.g., goggles) must be cleaned and disinfected according to manufacturer’s reprocessing instructions prior to re-use
* Disposable eye protection should be discarded after use unless following protocols for extended use or reuse
* None of the above
 | ❑YES | ❑NO |  |
| 1. **True or False? QC consists of samples with known POSITIVE or NEGATIVE results that are tested with batches of patient samples**
* True
* False
 | ❑YES | ❑NO |  |
| 1. **When should a root cause analysis be conducted?**
* After a SARS-CoV-2 positive test result of an asymptomatic patient
* When a new lot of tests arrive in facility
* When a QC test result does not match the expected result
 | ❑YES | ❑NO |  |
| 1. **True or False: Record Keeping is obligatory and leads to better communication, dissemination of information, allocation of resources, and patient care.**
* ❑ True
* ❑ False
 | ❑YES | ❑NO |  |
| 1. **What factors would you consider to choose the type of samples to collect for SARS-CoV-2 antigen RDT testing**
* Clinical presentation of the patient
* Choice of the patient depending on their convenience
* Depending on the kit specification/instructions for use
* All the above
 | ❑YES | ❑NO |  |
| 1. **Which of the following sample types can be used to perform a SARS-CoV-2 Ag Antigen RDT test?**
* Nasal pharyngeal, oral pharyngeal, nasal swab
* Nasal swab, blood, sputum
* As indicated by the manufacturer of the test kit
* All the above
 | ❑YES | ❑NO |  |
| 1. **To ensure quality of results produced the following must be implemented**
* A good-quality Rapid Tests product is purchased, and then transported and stored according to the manufacturer’s instructions to maximize quality
* Users must be trained and supervised, with a mechanism for users to report concerns/complaints
* The of QA/QC performed as scheduled
* For as long as the Kits are not expired.
* Performing the test according to manufacturer instructions
 | ❑YES | ❑NO |  |
| 1. **Which of the following is true about SARS-CoV-2 Antigen testing?**
* Detects specific proteins on the surface of the virus
* Used to identify past infection
* Used for diagnosis, screening and infection clearance
* Used for diagnosis, screening and surveillance
* All the above
 | ❑YES | ❑NO |  |
| 1. **Which of the following are consequences of inaccurate results?**
* Patients are reluctant to be retested (invasive, uncomfortable testing procedure)
* Errors increase risk of transmission among households and communities
* Consequences like these complicate pandemic response efforts
* All the above
 |  |  |  |
| **Score / Number of correct answers** |  **/ 10** | …………… %  |

**Moderator’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date (dd/mm/yy): \_\_ \_\_/\_\_ \_\_/\_\_ \_\_**