**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): \_\_ \_\_/\_\_ \_\_/\_\_ \_\_**