 icmr NIN <small>INDIAN COUNCIL OF NUTRITIONAL MEDICAL RESEARCH OF INDIA</small>		ICMR-National Institute Of Nutrition		SOP Number: ICMR-NIN / COVID19 / 06
Title	SOP for biological sample disposal collected from covid19 suspected/confirmed subjects			
Version 1.0	Prepared:09.06.2020	Effective from:10.06.2020	Valid upto:31.12.20	Page 1 of 2

1. **Scope:** To be used by clinicians/health care workers/laboratory personnel for performing investigations from a suspected/confirmed COVID 19 subjects

2. **Purpose:** This document describes information for disposal of a samples after investigations from a suspected/confirmed COVID 19 subjects

3. **Responsibilities:**


- Laboratory personnel must strictly adhere to the disposal guidelines.

4. **Materials required :**




N95 Masks, PPE Kits, Nitrile gloves, Alcohol based hand sanitizer 70% alcohol swabs, 1% hypochlorite, Plasters/cellotape, Biohazard bags, Marker pens.

5. **Sample disposal**

- The laboratory staff who processed the sample will immediately follow the disposal guidelines as indicated
- Work surfaces and equipment must be decontaminated with 70% alcohol or freshly prepared 1% sodium hypochlorite solution after processing of the sample is completed
- Discard the sample container (with open cap) along with all the consumables used for sample processing (pipette tips, transfer tubes, sample caps etc) into 1% hypochlorite solution (for 30 min-one hour) (e.g. 1,000 ppm (0.1%) for general surface disinfection and 10,000 ppm (1%) for disinfection of blood spills for 30 minutes)
- Discard the treated sample into designated disposal system as per the guidelines of institute for disposal of biological activity.
- Double layered red bags (using two bags) must be used to collect discarded material so as to ensure no-leaks and no-tear procedures.
- Separate bags labeled as per disposal method to be collected will be used. Dedicated trolleys/ bins must be used to transport the waste to the Bio Medical Waste collection centre, which also should later be decontaminated with 1% freshly prepared sodium hypochlorite solution.

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- PPE disposal should be done in the dedicated waste bag. Gloves, plastic aprons, goggles, shoe covers – Red bag and for Masks, gowns, caps,– Yellow bag.
- Document the disposal process in the register assigned for the purpose.
- At the end of the procedure, hand washing should be done with either soap or 70% alcohol by the personnel involved.

	Prepared By	Reviewed By	Approved By
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