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		C-24-S01
	Effective Date:	12-31-2021
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	Department/Section:	Infection Prevention and Control Unit
	Document Title:	INFECTION CONTROL IN WATER SAMPLING DURING WATER ANALYSIS

PURPOSE:


1. To provide infection prevention and control guidelines during water analysis.
2. To prevent hospital acquired waterborne pathogens that may reach patients through several modes of transmission.
3. To check the microbiological quality of the water used in the hospital

SCOPE:

Applies to all departments/areas with hospital water access of Dr. Pablo O. Torre Memorial Hospital


PERSON RESPONSIBLE:

Personnel assigned in the department, Medical Technologists, Pathologists, Safety Officers, Infection Prevention and Control Unit

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PROCEDURE:

1. Personal protective equipment must be prepared prior to the start of water sampling.
2. Perform hand hygiene prior to collection and don clean gloves.
3. Remove any attachments from the faucet that may cause splashing and using a clean cloth, wipe the outlet in order to remove any dirt. If the tap leaks, it must be repaired before sampling.
4. Bottle used for sampling should be sterile. Glass, plastic, or aluminum bottles are acceptable. Check the integrity of the specimen bottle and do not touch inside of the bottle container or the lid that may skew results.
5. Disinfect sampling point the spigot on the water collection system using alcohol/bleach wipes/gauze.
6. Take water samples from what you expect to be the cleanest sites first if sampling from a variety of different locations.
7. The lid of the bottle should be placed upside down while the bottle is being used for sampling.
8. The bottle used must not come in contact with any external element during the filling procedure.
9. Close the bottle immediately after taking the water sample.
10. Samples must be carried in a clean container / transport box and be sent immediately to the hospital laboratory or any DOH accredited water testing laboratory (for third party verification).


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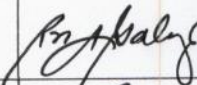

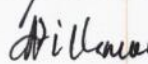
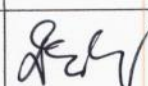

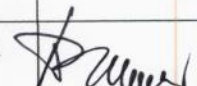
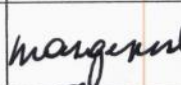
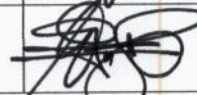
GUIDE TO INFECTION CONTROL IN THE HOSPITAL CHAPTER 19: Hospital Water
Chapter last updated: April, 2018, Author Shaheen Mehtar, MBBS, FRCPATH, FCPATH, MD

Decker, B. K., & Palmore, T. N. (2014). Hospital water and opportunities for infection prevention. Current infectious disease reports, 16(10), 432. <https://doi.org/10.1007/s11908-014-0432-y>

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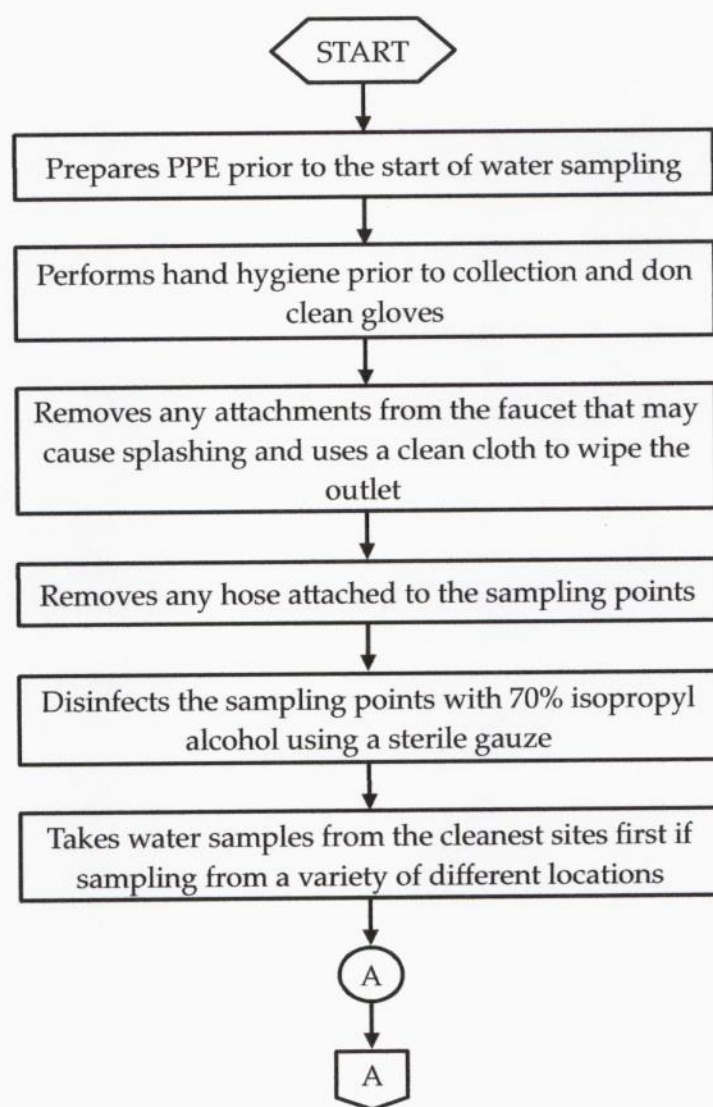
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Approved:	GENESIS GOLDI D. GOLINGAN President and CEO		4/7/22

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FLOWCHART



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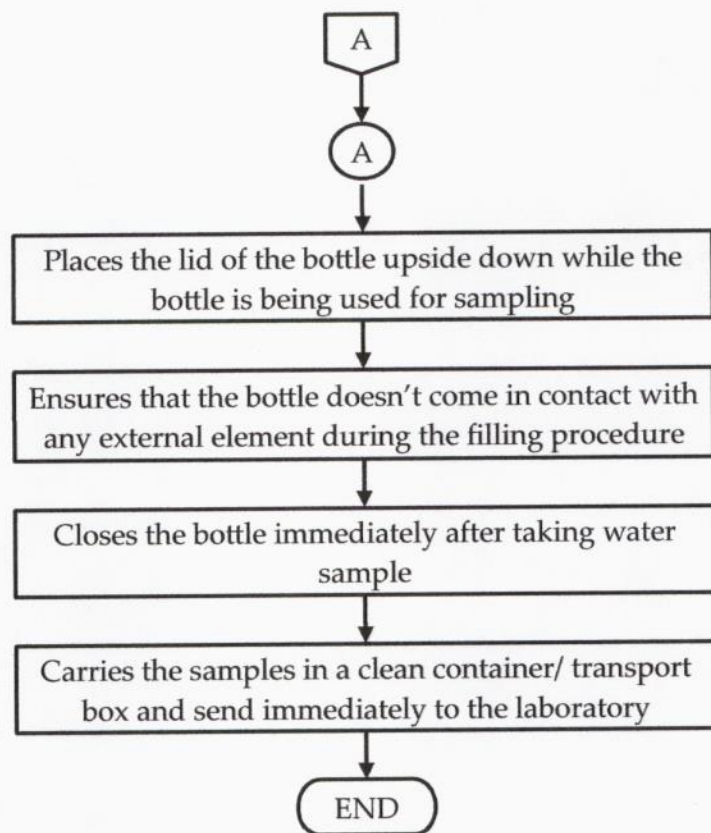
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Department/Section:

Infection Prevention and Control Unit

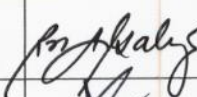

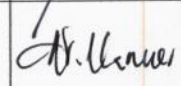
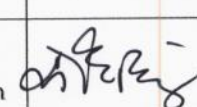


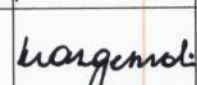
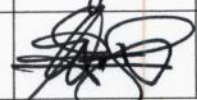
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**INFECTION CONTROL IN WATER
SAMPLING DURING WATER
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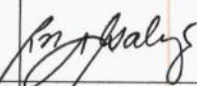

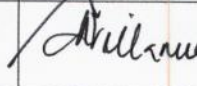
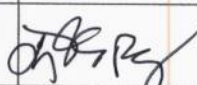


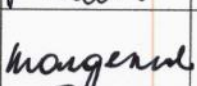

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KEY TASKS	PERSON RESPONSIBLE
1. Prepares PPE prior to the start of water sampling	Environmental Pollution and Safety Officer, Medical Technologist
2. Performs hand hygiene prior to collection and don clean gloves	Environmental Pollution and Safety Officer, Medical Technologist
3. Removes any attachments from the faucet that may cause splashing and uses a clean cloth to wipe the outlet	Environmental Pollution and Safety Officer
4. Removes any hose attached to the sampling points	Environmental Pollution and Safety Officer
5. Disinfects the sampling points with 70% isopropyl alcohol using a sterile gauze	Environmental Pollution and Safety Officer
6. Takes water samples from the cleanest sites first if sampling from a variety of different locations	Medical Technologist
7. Carries the samples in a clean container and send them immediately to the laboratory for testing.	Medical Technologist

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