

CINDY V. GARCIA

Sta. Maria, San Jacinto, Pangasinan 2431 Philippines

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PERSONAL INFORMATION

Date of birth : October 31, 1996

Civil Status : Single

Sex : Female

Citizenship : Filipino

EMPLOYMENT HISTORY

JOB TITLE: MEDICAL TECHNOLOGIST

JVF CARE DIAGNOSTIC LABORATORY

Soriano St., Manaoag, Pangasinan 2430 Philippines

April 2019- August 2019

MEDICAL CENTRUM DAGUPAN

A.B. Fernandez St., Dagupan City, Pangasinan 2400 Philippines

August 2019- November 2019

SPECIALIST GROUP HOSPITAL AND TRAUMA CENTER

Tapuac District, Dagupan City, Pangasinan 2400 Philippines

December 2019- March 2020

DAGUPAN DOCTORS VILLAFLORES MEMORIAL HOSPITAL

Mayombo District, Dagupan City, Pangasinan 2400 Philippines

Tel No. (+63) 075-523-2222 loc 108

July 6, 2020- Present

POSITION:

IMMUNOLOGY AND SEROLOGY ASSISTANT HEAD

January 2022- Present

Detailed Job Descriptions:

- Collect blood samples from patients through venipuncture using syringe or vacutainer system or pricking the tip of the finger;
- Perform arterial blood collection from patients with difficult blood extractions;
- Observes strict procedure of asepsis to prevent infection to the patient and contamination of the samples as well;
- Receives and checks specimen if they are properly labeled. (Laboratory Information Management System is used; barcode stickers are provided for every tubes indicating the name of the patient, date and to what tests are to be performed)
- Conducts medical laboratory tests and analyses (routine and special examinations) to assist in the diagnosis, treatment and prevention of disease.
- Ensures operation of analyzers and other laboratory equipment are within control ranges by calibrating; completing preventive maintenance requirements; following manufacturer's instructions; troubleshooting malfunctions; calling for repairs; evaluating new equipment and techniques.
- Conserves laboratory resources by using equipment and supplies as needed to accomplish job results.
- Maintains laboratory supplies inventory by checking stock to determine inventory level; anticipating needed supplies; maintaining quality and accuracy of laboratory tests.
- Protects patients and employees by adhering to infection-control and hazardous waste policies and protocols; following identification procedures.
- Maintains patient confidence and protects the hospital by keeping information confidential.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Demonstrated ability to establish and maintain supportive relationships with patients, physicians, pathologists and co-workers.

Machines, Equipments and Procedures used:

- **HEMATOLOGY**

- Performs Complete Blood Count using Hematology Analyzers such as SYSMEX XN-1000 and SYSMEX XN-330. Manual method of performing CBC is also done but not often.
- Performs blood coagulation tests such as Prothrombin Time and Activated Partial Thromboplastin Time using SYSMEX CA-500.

- Performs other hematologic tests such as ESR (Westergren method).
 - Prepares and stains blood smears and performs Reticulocyte count.
 - Clotting time and Bleeding time are also performed.
- **CLINICAL CHEMISTRY**
 - Notes proper collection, preparation and processing of blood samples for appropriate tests.
 - Routine and general chemistry, electrolytes, CSF assay, cardiac enzymes, liver function tests, and kidney function tests are performed using VITROS 350 CHEMISTRY ANALYZER and COBAS INTEGRA 400 PLUS (Special tests such as C3, C-Reactive Protein, D-dimer, Bicarbonate, Ammonia, and Iron are also performed using COBAS INTEGRA 400 PLUS)
 - EASYLYTE ANALYZERS for electrolyte and ionized calcium determination.
 - BIORAD D-10 and DCA Vantage ANALYZERS for Hemoglobin A1c level determination.
 - Formulas and conversion tables are also used in computing for Creatinine Clearance, Total Urine Protein, CSF sugar and protein.
- **IMMUNOLOGY & SEROLOGY**
 - Performs Hepatitis Profile, HIV Combi, Syphilis Titer, Hormone and Fertility tests, Tumor Markers, Anti-Sars-CoV-2, Procalcitonin and Ferritin using COBAS ELECSYS e 411.
 - Performs C-Reactive Protein (CRP), D-Dimer, Troponin I and NT Pro-BNP using BODITECH AFIAS-6 (Procalcitonin and Ferritin are also performed using BODITECH AFIAS-6)
 - Performs Anti-Streptolysin O Titer and Rheumatoid Factor (RF) Titer for the assessment of inflammation.
 - Carry out serologic tests for Dengue Antigen and Antibody, Hepatitis B and C, Syphilis, HIV Antibody, Leptospira Test, Helicobacter pylori antibody, Typhidot test, Troponin I Qualitative and TORCH Antibody Test using one step test kits having the principle of immunochromatography.
 - Performs Vitamin D Test using BODITECH iChroma II
 - Performs CD4 Count from HIV patients using PIMA ABBOTT Analyzer.
 - Performs COVID-19 Rapid Antigen using Flowflex ACON and WONDFO 2019-nCoV Antigen Test having the principle of lateral flow method.
- **BLOOD BANKING**
 - Performs ABO and Rh Typing on patients using ERYCARD 2.0 (forward grouping with autocontrol) or Slide Method (with the use of EPICLONE Anti-A, Anti-B and Anti-D Monoclonal Grouping Reagent)
 - Reverse blood typing using Tube Method (with the use of known A and B red cells) is also performed to provide a check for accuracy before reporting the final blood type.
 - Makes use of BIORAD DIACLON INVITRO GEL CARDS for reverse and compatibility testing between donors and recipients.

- Performs Direct Coomb's Test using BIORAD DIACLON INVITRO GEL CARDS.
- **CLINICAL MICROSCOPY**
 - Performs routine macroscopic examination of urine and feces.
 - URYXXON-500 Urine analyzer is used for the chemical examination of urine.
 - SYSMEX UF-500i Analyzer is used for the microscopic examination of urine.
 - COBAS 6500 URINE ANALYZER (COBAS U 601 and 701) is also used for both chemical and microscopic examination of urine.
 - Direct fecal smear using Normal Saline Solution and Lugol's Iodine Solution is done for microscopic examination of ova and other parasites on stool specimen.
 - Serum or Urine Pregnancy test, Fecal Occult Blood Test, Fecal Immunochemical Test, H. pylori Stool Antigen Test and Semen Analysis are also performed.
- **MICROBIOLOGY**
 - Performs microbiological testing such as smear preparation, staining, reading, and reporting Gram Stains and AFB for all samples.
 - Performs KOH and India Ink preparations and microscopy for varied samples
 - Assessing and reporting culture results.
 - BIOMERIEUX VITEK 2 COMPACT ANALYZER is used for automated microbial identification and antibiotic susceptibility testing.
 - BD BBL CRYSTAL Identification System, BIOMERIEUX APIWEB™ and ATB for antibiotic susceptibility testing are also used.
 - Anti-Nuclear Antibody Test preparation, reading and reporting are also performed.

EDUCATIONAL BACKGROUND

COLLEGE (2013-2018)

Bachelor of Science in Medical Technology
 University of Luzon
 Dagupan City, Pangasinan
 Philippines

SECONDARY EDUCATION (2009-2013)

San Jacinto National High School
 San Jacinto, Pangasinan
 Phillipines

PRIMARY EDUCATION (2005-2009)

Sta. Maria Elementary School
 San Jacinto, Pangasinan
 Phillipines

CREDENTIALS

LICENSE NO. 0094568

Professional Regulation Commission

Medical Technology Board Examination, March 2019

CERTIFICATIONS

VIRTUAL SEMINAR/ WORKSHOP ON THE MANUAL OF OPERATIONS FOR SCREENING DRUG TESTING LABORATORIES

National Reference Laboratory

East Avenue Medical Center

CERTIFICATION NO. APSDTL-21-14676

April 27, 2021

CHARACTER REFERENCES

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Chief Medical Technologist

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Jocelyn Velasquez, R.M.T.

Owner and Head, Medical Technologist

JVF Care Diagnostic Laboratory

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I hereby certify that the above information is true and correct to the best of my knowledge and belief.

CINDY V. GARCIA, RMT, DTA