



15 CPD Units

# 26<sup>TH</sup> PAMET MIDYEAR CONVENTION

OFFICIAL SOUVENIR PROGRAM



**Theme:**

Forging the Future of  
Medical Technology  
Towards Digital  
Laboratory Medicine



**MARCO POLO PLAZA**

Nivel Hills, Cebu City  
May 24-26, 2022



# Welcome to Cebu!

Greetings from:



Event Partners:



MARCO POLO  
PLAZA  
CEBU

**STAY HEALTHY,  
STAY HYDRATED**

Na<sup>+</sup> K<sup>+</sup> Mg<sup>2+</sup> Ca<sup>+</sup>  
SODIUM POTASSIUM MAGNESIUM CALCIUM

Cl<sup>-</sup> CITRATE<sup>3-</sup> LACTATE

CHLORIDE

WITH PROPER BALANCE  
OF IONS



## ABOUT THE COVER



The cover features the rice cooking and packing method known as *pusô* [pronounced as poo-**SO**'), which is famous in the Visayan Island of Cebu, Philippines—a beautiful and breathtaking place steeped in rich culture and history. Originally used as food offerings to the deities or *diwata* spirits, this ancient tradition has been forgotten as the Filipinos converted to Christianity 501 years ago. However, this iconic art-form made of intricately woven young coconut leaf is kept alive nowadays as a symbol of the spirit of *Cebuano* resilience and sense of community, especially in times of natural calamities.

Anchored on the theme, “**Forging the Future of Medical Technology Towards Digital Laboratory Medicine**,” PAMET Cebu Chapter continues to fulfill PAMET’s vision of being the constant prime mover in advancing the medical laboratory science profession in the Philippines and beyond borders.

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## THE EDITORIAL BOARD

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### Layout/Graphic Artist:

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**26<sup>TH</sup> PAMET**  
MIDYEAR CONVENTION  
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Republic of the Philippines  
Department of Health  
**OFFICE OF THE SECRETARY**

**MESSAGE**



It is my utmost honor to be with the Philippine Association of Medical Technologists (PAMET) - Cebu Chapter, in celebrating the occasion of their 26th Midyear Convention. Mabuhay!

When the COVID-19 pandemic made its presence known in the country two years ago, Filipinos abruptly shifted their priorities, making health the number one concern. In the scientific sector, physical connection halted, but this gave organizations the opportunity to internalize and prepare for the evolving challenges brought about by the pandemic. Particularly, the health sector heeded the call of the people for a COVID-19 response that adequately leads the country to the New Normal. For this to fully take effect, our dear healthcare workers became our frontline in aiding the citizens towards better health. Through the help of the country's medical technologists, we were able to properly diagnose and thereafter treat individuals against the debilitating


disease.

The existence of the Philippine Association of Medical Technologists becomes all the more salient during these times as they serve as prime movers of knowledge and development for its members. With integrity, professionalism, commitment, excellence and unity as its core values, PAMET has been able to countlessly create various programs and competencies being able to expand the knowledge our medical technologists hold.

The 26th PAMET Midyear Convention comes at a just timing as it provides the latest and most updated technologies in the field. With the theme "Forging the Future of Medical Technology towards Digital Laboratory Medicine", it is without a doubt that this convention will provide a massive contribution to the field of research in terms of strategies, ideas, and policies that benefits all Filipinos, especially our dear Cebuanos.

May the Philippine Association of Medical Technologists - Cebu Chapter continue to innovate, intensify, and iterate the importance of scientific development and research. With these initiatives, widening collaboration with stakeholders and reaching more members will become closer to reality. In confidence, the Department of Health (DOH) will be with you every step of the way towards reaching the common goal - a society that leads healthy and productive lives through a health system that empowers the entire Filipino population.

*Daghang salamat sa inyong tanan! Padayon!*

  
**FRANCISCO T. DUQUE III, MD, MSc**  
Secretary of Health

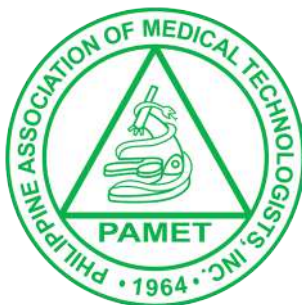
MESSAGE



**MARCO POLO  
PLAZA HOTEL**  
Nivel Hills, Cebu City,  
Cebu, Philippines  
May 24-26, 2022

**THEME:**  
*Forging the Future of  
Medical Technology Towards  
Digital Laboratory Medicine*





**PAMET NATIONAL  
PRESIDENT**



Salute to our PAMET Midyear Convention!

My fellow medical technologists, gone are the days when we still prepare Benedict's solution to determine the glucose level of samples, or manual pipetting to count the number of blood cells using an RBC or WBC pipette. Seldom did we use agglutination tests for serologic determination, and more convenient immunochromatographic test kits are now replacing them.

Now, we are seeing the future direction as the cyberage is already starting with products like smart TV, interactive websites, and space explorations. Laboratory applications and procedures are now gearing toward digital medicine. Analyzers can process hundreds of samples in a few minutes with just a button click. In injection and staining methods without human intervention, bacteriologic processing that will take less than an hour is already available. The future of medical technology has indeed begun.

The 26<sup>th</sup> PAMET Midyear Convention theme of "Forging the Future of Medical Technology Towards Digital Laboratory Medicine" will be one of the cornerstones in moving us closer to our direction of international recognition. Digitalization with standardization will strengthen our knowledge and skills that can equal or surpass our neighboring nations in laboratory medicine.

My dear fellow medical technologists, I invite you to join our community and me in unity and solidarity in the celebration and fun-filled learning while enjoying the beautiful Queen City of the South, Cebu City.

*Apil mo, akong mga kaubang* medical technologists. Join us, my fellow medical technologists.

Viva Cebu! Viva PAMET!

**Rommel F. Saceda, RMT, MBA**  
PAMET National President





**PAMET NATIONAL  
IMMEDIATE PAST PRESIDENT**

It is with much pride and anticipation that I greet our colleagues in PAMET on the occasion of the 26<sup>th</sup> Midyear Convention, being held in the Queen City of the South, Cebu City.

I would like to congratulate the hardworking team of the PAMET Cebu Chapter, for making this possible despite the continuing saga of the COVID-19 pandemic.

We've started planning for this event even before the onset of the pandemic in 2019. I remember the eagerness and enthusiasm of the organizing committees to come up with another world-class gathering of Medical Technologists. However, due to the advent of the pandemic, the preparations had to take a back seat and the event had to be postponed for safety reasons.

After more than three years since the hosting of this event was granted to PAMET Cebu, we are finally here to witness what the chapter has in store for all of us. While it takes place in a non-traditional setting and deviates from what we usually do, I am confident that this will not be devoid of the meaningful scientific content, social events, and other surprises, which are worthy of everyone's time and effort.

I know that this event will be a very good platform to provide our Medical Technologists with more advanced knowledge, stronger camaraderie, and an unforgettable experience that will be cherished for many years. It will definitely be etched in the pages of rich PAMET history

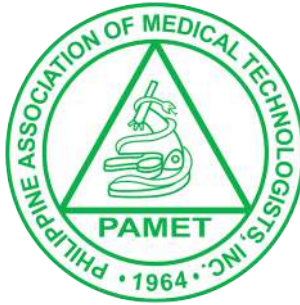
Salute to the dedicated and committed officers and members of PAMET Cebu. Words are not enough to express our gratitude. You never fail to amaze us.

Mabuhay ang Filipino Medical Technologists!

**Ronaldo E. Puno, RMT, MBA-H, IFBA PC**  
Immediate Past President







**PAMET VISAYAS  
REGIONAL DIRECTOR**



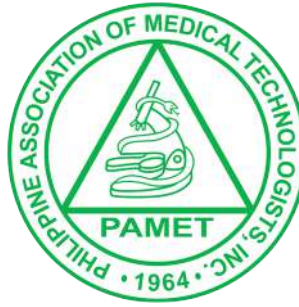
It is my honor to congratulate PAMET Cebu for hosting the 26<sup>th</sup> PAMET Midyear Convention.

In times of uncertainty, science is asked to look to the future and to flank a rational discourse on how to react to the situation and how to cope with the challenges. Heavily shaken by the Corona pandemics, many of us are thinking about how we could contribute to overcoming this unprecedented situation. The COVID-19 crisis not only challenges us but also there are indications that laboratory medicine will look different in a new normal and that would make a turning point for all of us. With the theme “Forging the Future of Medical Technology towards Digital Laboratory Medicine,” this crisis will bring us more likely to change our perspective on building up digital services. With the advancement of technology, it is inevitable that digital platforms will likely be utilized in laboratory medicine. I hope that we would take this challenge to reach higher and farther to be the best we can be.

Congratulations and Mabuhay, PAMET Cebu!

  
**Maruja M. Japzon, RMT, MSMT**  
PAMET Visayas Regional Director





**PAMET CEBU  
CHAPTER PRESIDENT**

My warmest and sincerest greetings to all the in-person and virtual participants of the Philippine Association of Medical Technologists, Inc. (PAMET) 26<sup>th</sup> Midyear Convention with the theme “Forging the Future of Medical Technology towards Digital Laboratory Medicine” and to all Executive Officers, Board of Directors, Organizing Committee, and the entire Cebuano Medical Technologists as we celebrate the 501 Years of Christianity in the Philippines.

The global spread of the COVID-19 pandemic forced the scientific community to identify new ways of exchanging and transferring the scientific knowledge, also considering that the measures taken to combat the pandemic, such as travel restrictions, closed borders, and gathering bans, led to cancellations of many conferences, meetings, and workshops. The enhancement of the existing digital platforms and the development of new systems to share scientific knowledge have allowed the scientific community to “meet” again in new virtual environments.

The fulfillment of our dream of more sustainable development through the advancement of digital laboratory medicine requires the commitment of every member of the community, especially of the key players in the health sector. Quality healthcare empowers people to maximize their full potential, be more active in taking part in the development process, and aim for greater heights.

For many years, PAMET, as the only accredited professional organization of all registered Medical Technologists in the country, has provided an excellent venue – this first Blended and Hybrid Convention (in-person and virtual platform) for medical technologists to sharpen our skills, enhance our knowledge and broaden our perspectives while also giving the opportunity to create a future-focused medical technology profession and strengthen valuable relationships with our fellow members of the industry.

May we have a memorable and productive 26<sup>th</sup> PAMET Midyear Convention.

Welcome to CEBU, Welcome to our hearts!

**Prince Lee L. Balaba, RMT, MPH, CHA, DPA**  
Overall Chairman, 26<sup>th</sup> PAMET Midyear Convention  
President, PAMET Cebu

 **MARCO POLO  
PLAZA HOTEL**  
Nivel Hills, Cebu City,  
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**THEME:**  
*Forging the Future of  
Medical Technology Towards  
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# Republic of the Philippines Office of the President

OFFICE OF THE PRESIDENTIAL ASSISTANT FOR THE VISAYAS

Manila: G-101A, Mabini Hall, Malacañang, J.P. Laurel St., San Miguel Manila 1005 | Tel no.: (02) 784-4286 loc. 4015

Visayas: The Greenery, St. John Paul II Avenue, Cebu City 6000 | Tel no.: (032) 384-0953

Email: communications@opav.gov.ph



16 May 2022

Message for 26<sup>th</sup> PAMET Midyear Convention

## MESSAGE

My warmest greetings to the esteemed officers and members of PAMET-Cebu!

As the world continues to fight the COVID-19 pandemic, I believe we have made great strides in addressing this global health crisis and we have our medical frontliners to thank endlessly for this success.

COVID-19 highlighted the importance of the role of our healthcare workers in safeguarding not just our health, but our mere existence. Our medical technologists particularly played a vital role in our pursuit for solutions to this crisis.

They held the very frontlines in this war by administering our various testing modalities, exposing themselves to the unseen enemy on a daily basis. They faced this very daunting task head-on and I commend the overwhelming dedication, professionalism and bravery that they have displayed from the very start and henceforth.

I would also like to take this opportunity to thank PAMET-Cebu for coming forward in this difficult time when our country and our people need you. You have indeed been a very valuable ally not just for Cebu and Visayas, but for the entire nation.

You all deserve that feeling of fulfillment and pride that in the time of a national health emergency, you were there front and center serving your fellow Filipinos. This will be your story to the future generation.

Today, as we celebrate the 26<sup>th</sup> PAMET Midyear Convention, my very hope is that PAMET-Cebu will continue to serve the country with pride and honor through innovation and advancement initiatives, which should be apt for this year's theme: "Forging the Future of Medical Technology towards Digital Laboratory Medicine."

Once again, together with President Rodrigo Roa Duterte, I extend my heartfelt gratitude and congratulations to PAMET-Cebu for their selfless service to the Filipino people.

Daghang salamat.

SEC. MICHAEL LLOYD L. DINO  
Presidential Assistant for the Visayas



**26<sup>TH</sup> PAMET**  
MIDYEAR CONVENTION  
OFFICIAL SOUVENIR PROGRAM

MESSAGE

MAY 24, 2022

TIME	LECTURER / TOPIC
<b>12:30 PM</b>	<b>OPENING OF EXHIBITS</b>
<b>1:00 PM</b> (Room 1)	<b>Roberto G. Manaos, RMT, DBA</b> Navigating New Landscapes and Formulating Strategies at the Tail-End of Pandemic: A Clinical Laboratory Setting
<b>1:00 PM</b> (Room 2)	<b>Roslyn F. de Mesa-Rodriguez, RMT, PhD</b> Recent Updates on Understanding Standard Performance of Microbial Identification and Antimicrobial Susceptibility Testing in Hospital Settings
<b>2:30 PM</b>	<b>Tse Wei Poh, PhD</b> The Role of Monocyte Distribution Width and Interleukin-6 in the Diagnosis of Inflammation Due to Infectious Diseases
	<b>PM SNACKS</b>
<b>3:15 PM</b>	<b>Raymundo W. Lo, MD, FCAP, FASCP, FPSP</b> Molecular Diagnosis and Its Role in the Management of Transplant Patients
<b>5:00 PM</b>	<b>OPENING CEREMONIES</b>
	<b>DINNER</b>

MAY 25, 2022

TIME	LECTURER / TOPIC
<b>6:00 AM</b>	<b>Zumba (Physical Activity)</b>
<b>8:00 AM</b>	<b>Mary Jean P. Loreche, MD, FPSP, FPSO</b> Transitioning from Pandemic to Endemic: Resilience and Preparedness
<b>9:00 AM</b>	<b>Juanito N. Zuasula Jr., MD, PHSAE, CTTS</b> The Medical Laboratory: Armor of Defense Against Biological Threats
	<b>AM SNACKS</b>
<b>10:00 AM</b>	<b>Ronaldo E. Puno, RMT, MBA-H</b> Fundamental Framework of Biosafety Program in Clinical Laboratories
<b>11:00 AM</b>	<b>Annette L. Salillas, RMT, MD, FPSP, FASCP, MIAC</b> Medical Technologist in the Academe
<b>12:00 PM</b>	<b>LUNCH BREAK</b>
<b>1:00 PM</b>	<b>Roberto G. Manaos, RMT, DBA</b> Utilizing Capillary Electrophoresis (CE) in Measuring HBA1c



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## MAY 25, 2022 (continuation)

TIME	LECTURER / TOPIC
2:00 PM	<b>Lohindren V. Adorable, MD, DPBRM, FPARM</b> Ergonomics in the Laboratory  PM SNACKS
3:00 PM	<b>Rommel F. Saceda, RMT, MBA</b> The Significance of Decision Science in Clinical Laboratory Management
4:00 PM	<b>Ma. Frieda Z. Hapan, RMT, MSMT, PhD</b> The Clinical Laboratory in the Age of Digitalization, Automation, and Artificial Intelligence
6:30 PM	<b>FELLOWSHIP NIGHT</b>

## MAY 26, 2022

TIME	LECTURER / TOPIC
8:00 AM	<b>Maria Teresa T. Rodriguez, RMT, MSMT, EdD</b> Bridging the Gap in Diagnostic Medicine: The Purpose and Practicals
9:00 AM	<b>Glenda C. Basubas, MD, FPPA (Life), FPCAM, IFAPA</b> Burnout Among Healthcare Workers  AM SNACKS
10:00 AM	<b>Hon. Marilyn A. Cabal-Barza, MD, FPSP</b> Professional Regulatory Board of Medical Technology Updates
11:00 AM	<b>Oliver Shane R. Dumaoal, RMT, MSMT, CBO, IFBA PC</b> Risk-based Approach in the Management of Molecular Diagnostic Laboratories
12:00 PM	<b>LUNCH BREAK</b>
1:00 PM	<b>Albert L. Rafanan, MD, FCCP, FASSM, FPCP, FPCCP</b> Advancements in Laboratory Testing in Improving Community-Acquired Pneumonia Care
2:00 PM	<b>Chamberlain I. Agtuca, RMT, MD, FPMS, DPSP</b> Updates on HIV Testing in the Philippines: The Rapid HIV Diagnostic Algorithm (RHIVDA)  PM SNACKS
3:00 PM	<b>Mark Raymund G. Nava, RMT, MSMT, MPA</b> Repurposing COVID-19 Facilities to Molecular Hematology
4:00 PM	<b>Jovy Carl G. Acueza, RMT, MPH</b> Required Steps in Method Validation for Clinical Chemistry Systems
5:00 PM	<b>CLOSING CEREMONIES, GIVING OF CEBU DELICACIES</b>



**OPENING CEREMONIES**  
**Day 1 | Tuesday, May 24, 2022 | 5:00 PM to 7:00 PM**

Processional March, Preliminaries	Audio-Visual Presentation
Formal Opening of the 26 <sup>th</sup> PAMET Midyear Convention	<b>Rhodalyn O. Canoy, RMT, MSMT, DPA</b> <i>Executive Secretary, PAMET Cebu</i>
Acknowledgement of Guests, Delegates, and Virtual Participants	<b>Antonio L. Villamor Jr., RMT</b> <i>VP for External Affairs, PAMET Cebu</i>
Welcome Remarks and Overall Chairman's Message	<b>Prince Lee L. Balaba, RMT, MPH, CHA, DPA</b> <i>President, PAMET Cebu</i> <i>Overall Chairman, 26<sup>th</sup> PAMET Midyear Convention</i>
PAMET National President's Message	<b>Rommel F. Saceda, RMT, MBA</b> <i>PAMET National President</i>
Introduction of the Keynote Speaker	<b>Louie B. Tadlas, RMT, MSMT, DPA</b> <i>VP for Internal Affairs, PAMET Cebu</i>
Keynote Message	<b>Francisco T. Duque III, MD, MSc</b> <i>Secretary, Department of Health</i>
Messages	
Presentation of Plaque of Appreciation to the Speakers	
Intermission Number	
Dinner	
Introduction of the Keynote Lecturer	<b>Maruja M. Japzon, RMT, MSMT</b> <i>Regional Director, PAMET Visayas</i>
Keynote Lecture	<b>Rajendra Prasad Yadav, MD, MBBS</b> <i>WHO Representative to the Philippines</i>
Presentation of Plaque of Appreciation to the Keynote Lecturer	
Dance Finale	

**CLOSING CEREMONIES**  
**Day 3 | Thursday, May 26, 2022 | 5:00 PM to 7:00 PM**

Synopsis of the 26 <sup>th</sup> PAMET Midyear Convention	<b>Louie B. Tadlas, RMT, MSMT, DPA</b> <i>VP for Internal Affairs, PAMET Cebu</i>
Intermission	
Recognition of the Organizing Committees	<b>Rommel F. Saceda, RMT, MBA</b> <i>PAMET National President</i>
Intermission	
Invitation to the next Midyear Convention	<b>Marivel A. Visto, RMT</b> <i>President, Agusan del Norte—Butuan Chapter</i>
Formal Closing of the Convention and Closing Remarks	<b>Prince Lee L. Balaba, RMT, MPH, CHA, DPA</b> <i>President, PAMET Cebu</i> <i>Overall Chairman, 26<sup>th</sup> PAMET Midyear Convention</i>



**PAMET CEBU CHAPTER  
EXECUTIVE OFFICERS (2021-2022)**

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*President*



**LOUIE B. TADLAS, RMT, MSMT, DPA**  
*Vice-President for Internal Affairs*



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**RHODALYN O. CANOY, RMT, MPH, DPA**  
*Executive Secretary*



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*Assistant Secretary*



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*Communications Officer*



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**JANET T. RAMOS, RMT**  
*Sector Representative for Government Institutions*





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*Board of Director for  
Research-Related Activities*



The history of the PAMET Cebu Chapter goes a long way. This Chapter journeyed through time with its version of ups and downs, a roller coaster ride before reaching 50 years.



It all started in 1968, four years after the PAMET National was established, PAMET Cebu Chapter was formally organized. President Melba Hermosisima was the first president of the chapter and was given the national distinction of being the first PAMET Chapter ever formed. Yes, PAMET Cebu was considered the “mother of other chapters.”

Decades passed, and the Chapter stood firm despite the few members then, upholding the vision and carrying on the association’s mission.

With the leadership of:

- President Rhey nato Pasigna in 1971;
- Followed by President Edward Flores in 1973;
- Then President Teofilo Layon Jr in 1977; and
- President Carlos Bustillo in 1979.

After that, there were a few years of silence. Five years of inactivity passed, and the heart of the *Cebuano* Medical Technologist again felt the urge to beat once again. In 1985, under the leadership of President Fructuoso Cutang, PAMET Cebu Chapter once again bustled and hustled professionally and socially in the Queen City of the South.

In 1987, a year after our nation won the EDSA revolution, President Gemma Belarmino was given the honor of leading the chapter. Another decade of associating both professionally and socially started to progress.

In 1989, PAMET Cebu came under the leadership of President Jose Villarino, and PAMET Cebu was given the Most Outstanding Award in 1991 by PAMET National. He was succeeded in 1993 by President Victoria Tamarra and followed by President Guillerma Lim in 1995.

By 1997, the task of leading was again given to President Gemma Belarmino and then back to President Jose Villarino in 2004. After four years, the PAMET Cebu chapter hosted the 13<sup>th</sup> Midyear Convention at Cebu International Convention Center, wherein the 2008 PAMET Constitution and By-Laws were ratified. After the Midyear Convention, PAMET Cebu once again took its latency, but the resilient Medical Technologists never gave up. Through the efforts of the PAMET National officers under the leadership of President Leila Florento and Vice President Ronaldo Puno, the Cebu chapter was revived once again. The *Cebuanos* needed a bit of resuscitation from our national leaders then.

So, by 2011, President Fredeswinda Cortes led the chapter out with the calling and was able to host the 3<sup>rd</sup> PAMET Visayas Regional Conference at Harold’s Hotel. With the increasing number of Medical Technologists added year after year, PAMET Cebu once again became active and was made visible to the *Cebuanos* all over the province.



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In 2017, PAMET Cebu Chapter received two significant awards: the “2017 Regional Most Outstanding Chapter” and the second “2017 National Most Outstanding Chapter” award under the leadership of President Prince Lee Balaba. Through the combined efforts of everyone, in the year 2018, PAMET Cebu celebrated its 50th anniversary. The chapter once again got two significant awards: the “2018 1<sup>st</sup> Golden Recognition Awardee”, still under the leadership of Mr. Prince Lee Balaba.

Through the synergistic interaction of dynamic *Cebuano* medical technologists and PAMET Cebu Chapter officers, the chapter is triumphant for being conferred as the “2018 PAMET Most Outstanding Chapter” during the 53<sup>rd</sup> PAMET Annual Convention. Dynamism, catalyzed by leadership, innovation, social commitment, and commitment to excellence, created a magnificent product – unparalleled *Cebuano* oneness amidst a broad spectrum of medical laboratory science practice challenges.

PAMET Cebu is now eligible to be part of the roster and then declared as the “2019 PAMET Hall of Famer Awardee,” Nevertheless, the conferment of this award will not be the end of the chapter’s commitment to serving its members and the community. All of these accomplishments would not be possible without the support of the PAMET National Officers; the PRC Board of Medical Technology for approving all of the chapter’s CPD activities; the PAMET Cebu Chapter officers and board of directors; the *Cebuano* chief medical technologists; the beloved members; and to God Almighty, through Him, all things were made possible.

COVID-19 has changed the face of healthcare at an unprecedented pace. The role of medical technologists, both in and outside of the laboratory, in keeping the people’s health has now been the most significant and relevant healthcare profession known not just in the country but worldwide. The pandemic has highlighted a critical need for more medical technologists to manage the country’s health care status. The *Cebuano* Medical Technologists played their role in advancing the standard and visibility of clinical laboratory science as a frontline in any biological threats. The greatest challenge lies before every Filipino Medical Technologist today. The vast advancement in diagnostic technology here and abroad may overwhelm us, but as our PAMET hymn goes... “We join together in brotherhood to live up to our ideals. In fields of advancement and learning coupled with our noble goals, we would be giving service to humanity because that is God’s calling for us all”.

Kudos, PAMET!!!

Melba Hermosisima, RMT	1968-1971
Rheynato Pasigna, RMT	1972-1973
Edward Flores, RMT	1974-1977
TeofiloLayon Jr, RMT	1978-1979
Carlos Bustillo, RMT	1979-1980
Fructuoso Cutang, RMT	1985-1987
Gemma Belarmino, RMT	1988-1989
Jose Villarino, RMT	1990-1993
Victoria Tamarra, RMT	1994-1995
Guillerma Lim, RMT	1995-1996
Gemma Belarmino, RMT	1997-2004
Jose Villarino, RMT	2005-2011
Fredeswinda Cortes, RMT	2012-2016
Prince Lee L. Balaba, RMT	2017-Present



1<sup>st</sup> PAMET Chapter established in 1968  
 1991 National Most Outstanding Chapter  
 2017 Regional Most Outstanding Chapter  
 2017 National Most Outstanding Chapter  
 2018 1<sup>st</sup> Golden Recognition Awardee  
 2018 National Most Outstanding Chapter  
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May 24-26, 2022

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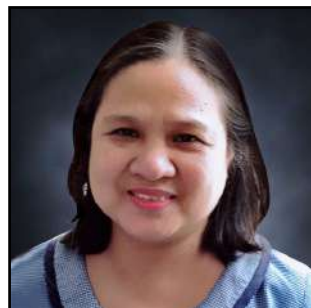


**MERLITO L. DE TORRES**  
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*Singapore*

**INSTITUTIONAL UNIT**



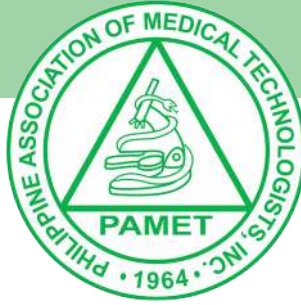
**JOSEPHINE Z. ONDOY**  
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## THE PAMET INSIGNIA, VISION, MISSION, AND CORE VALUES

### THE PAMET INSIGNIA:

- The CIRCLE symbolizes the continuous involvement where practice and education must always be integrated.
- The TRIANGLE is the trilogity of love, respect, and integrity.
- The MICROSCOPE and SNAKE symbolize the science of the Medical Technology profession.
- GREEN is the color of health.
- 1964 is the year of the first PAMET election.

### VISION:

PAMET shall be the constant prime mover in advancing the Medical Laboratory Science profession for the continuous growth and development of its members.

### MISSION:

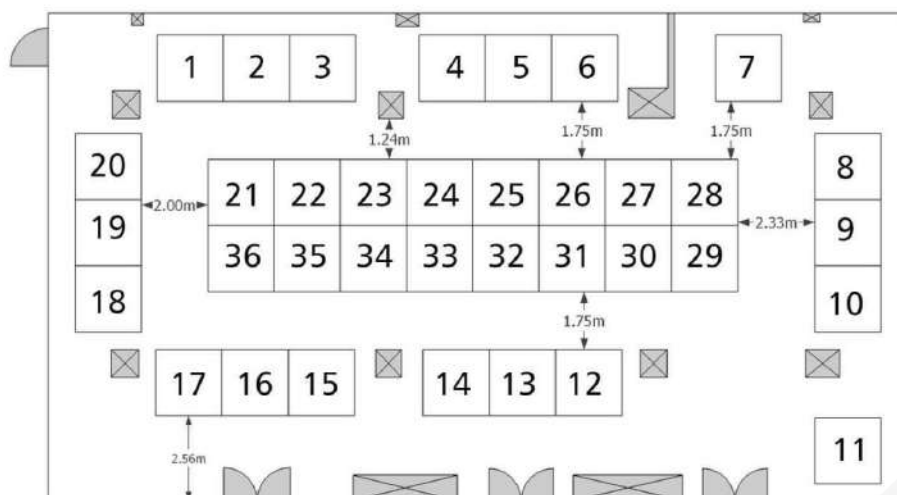
To realize its vision, PAMET shall be an association that will uphold professional core values; develop and sustain comprehensive programs to enhance competencies of the Medical Laboratory Science professionals; collaborate with the different stakeholders of health, and make its services important to the beneficiaries of its services.

### CORE VALUES:

- **Integrity** is the strict adherence to a moral code, reflected in transparent honesty, truthfulness, accuracy, accountability of one's actions, and complete harmony in what one thinks, says, and does.
- **Professionalism** refers to the positive traits and values, moral responsibility, social responsiveness, and behavioral outlook, which makes one highly respectable and credible.
- **Commitment** is the unconditional, unwavering and selfless dedication that one builds-in into the practice of the profession characterized by initiative, creativity, and resourcefulness to bring about quality health care and service to the public.
- **Excellence** is the high-quality performance by advocating and adhering to international standards making services globally comparable competence.
- **Unity** is the necessary linkage, support, involvement, and sharing that will increase the success and advancement of every individual member and the association in general.



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NO.	DIAGNOSTIC PARTNER / EXHIBITOR
1	MRL Cybertec Corp.
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3	AMI Equipment Services and Solutions Inc.
4-6	Medical Trends and Technologies, Inc.
7	TNC Everlight Philippines, Inc.
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12	Labsolution Technologies, Inc.
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28	Chemoscience Philippines
29	Excelife Med Trading
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NO.	DIAGNOSTIC PARTNER / EXHIBITOR
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33	Doeleur Electrosystems Inc. / Beacon Diagnostics
34	Vitaline Healthcare Inc.
35	Murex Diagnostic Products Specialists
36	Zion Diagnostics Solutions

**HAVE UNTOWARD REACTIONS?  
THEY'RE EXPECTED AND THEY RESOLVE EASILY!**

THESE ARE SIGNS THAT YOUR BODY BUILDS PROTECTION AGAINST COVID-19.



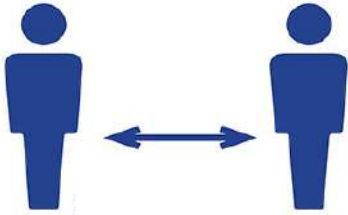
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# LECTURE HALL

## SAFETY PROTOCOLS



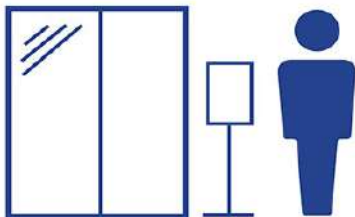
MAINTAIN A SAFE DISTANCE



STAY HOME IF YOU ARE SICK



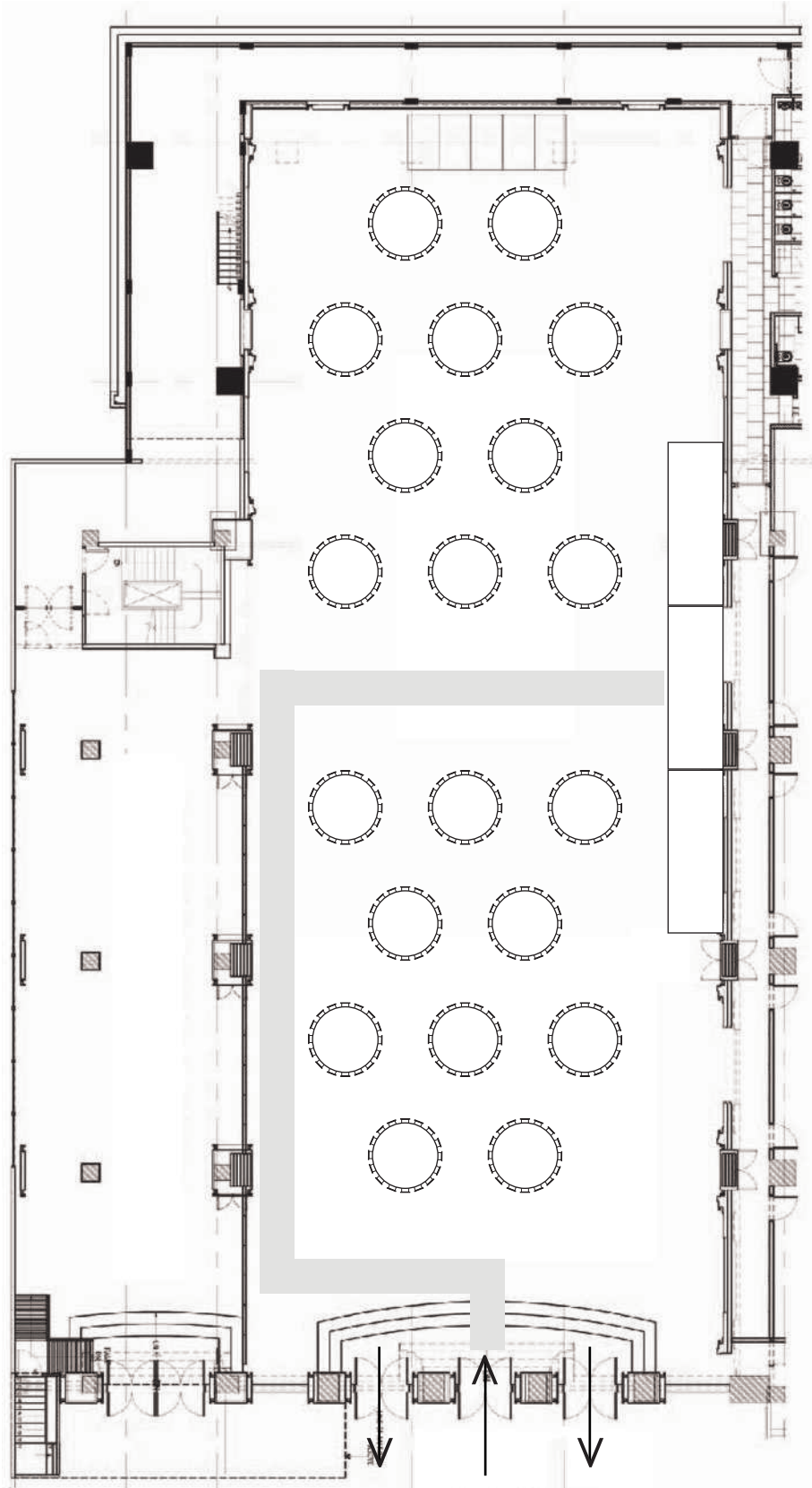
FREQUENTLY WASH AND DISINFECT YOUR HANDS



FOLLOW A UNIDIRECTIONAL FLOW



LECTURE HALL SURFACES ARE SANITIZED FOR YOUR PROTECTION



FLOOR PLAN OF VENUE



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## NAVIGATING NEW LANDSCAPES AND FORMULATING STRATEGIES AT THE TAIL-END OF PANDEMIC: A CLINICAL LABORATORY SETTING

Roberto G. Manaois, RMT, DBA

### **SPEAKER'S ABSTRACT:**

The 2020 pandemic inundated the global healthcare industry with such unprecedented external and internal leadership and management challenges. In the Philippines, particularly in the clinical laboratories, the pandemic's impact enforced drastic operational changes that significantly altered the laboratories' day-to-day operations management due to the sudden decline in routine tests and steep surge in demands for SARS-COV-2 virus testing.

As the Philippines is now beginning to approach the tail-end of the pandemic, the clinical laboratories are faced with many uncertainties posed by the emergence of uncharted terrains. Furthermore, there are also sustainability challenges due to intense rivalry among players driven by reshaped healthcare industry landscape. Hence, it is now imperative to review institutions' strategic direction spawned by the new opportunities and threats in the *in-vitro* diagnostics industry. Similarly, clinical laboratory managers and supervisors must launch an internal audit that would help identify the resulting strengths and weaknesses of the clinical laboratory intra- and post-pandemic.

### **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. perform external and internal audits for the clinical laboratories;
2. engage the participants in generating their own critical success factors from the external and internal perspectives;
3. engage both in-person and virtual participants in writing their own updated SWOT analysis for their respective clinical laboratories;
4. demonstrate post-pandemic strategy formulation for the clinical laboratory both for the in-person and virtual participants; and
5. assist all participants joining the hybrid platform in forming their own strategic map and translate such map into a monitoring tool using the balanced scorecard to help practicing medical technology professionals evaluate the effectiveness of their strategy implementation.



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# RECENT UPDATES ON UNDERSTANDING STANDARD PERFORMANCE OF MICROBIAL IDENTIFICATION AND ANTIMICROBIAL SUSCEPTIBILITY TESTING IN HOSPITAL SETTINGS



Roslyn F. de Mesa-Rodriguez, RMT, PhD

## **SPEAKER'S ABSTRACT:**

Latest developments in microbial Identification (ID) and Antimicrobial Susceptibility Testing (AST) for patients with clinically significant bacterial infections begins with empiric antimicrobial chemotherapy and can be subsequently revised when the Minimum Inhibitory Concentration (MIC) value results of Culture and Sensitivity Testing (C/S) become available. In recent years, a number of novel technologies for clinical microbiological diagnosis of infections have been developed that return clinical microbiology reports in a shorter period of time compared to conventional diagnostic microbiology approaches. One of these novel technology, which is the SENSITITRE SYSTEM of ThermoFischer aids Antimicrobial Stewardship when treating highly infected patients by reducing the time of appropriate antimicrobial treatment management. The advantages and limitations of these technologies should be well understood upon their introduction in the Clinical Microbiology diagnostic Path of Workflow. In reasingly popular DNA Based Technologies priority focuses on the rapid identification of pathogens but information on antimicrobial susceptibility is lacking or limited to a few clinically relevant Antimicrobial drug markers. Thus, DNA-based molecular techniques for ID/AST (MALDI-TOF / ASTar System of ThermoFisher) and Phenotypic based AST (SENSITITRE fully-automated,semi-automated, and manual System) can be a compliment or alternative technique to conventional technologies but cannot replace them. On the other hand, SENSITITRE Phenotypic AST broth dilution assay is the method of choice for most antimicrobial resistance determinations. However, a novel technology that provides both the rapid ID of bacterial pathogens and a rapid phenotypic antibiogram with TRUE MIC Values which starts from true positive Blood Culture is a very promising approach for fast diagnosis of sepsis infections and provides timely guidance to infectious disease management. Moreover, to fully leverage the advantages offered by novel diagnostic microbiology technologies for sepsis infections required a careful introduction into the Clinical Microbiology Laboratory Path of Workflow followed by a healthcare technology assessment approach. Therefore, it may also require some reshaping of the Clinical Microbiology Laboratory process workflow (e.g. to process Blood Culture on a 24/7 schedule) and of the Clinical Laboratory Organization (e.g. by creating a Clinical Microbiology Subsection for "Fast Diagnosis of Sepsis Patients."

## **LEARNING OUTCOMES:**

**After the topic discussion, the participants will be able to:**

1. adopt the new development in clinical microbial identification, specifically the multi-drug resistant organisms (MDROs), in a diagnostic clinical microbiology;
2. develop strategic design on new novel technology on Antimicrobial Susceptibility Testing for rapid detection of MDROs with TRUE MIC values; and
3. design a new subsection in clinical microbiology on rapid detection of sepsis infection for early clinical infection control management.



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## THE ROLE OF MONOCYTE DISTRIBUTION WIDTH AND INTERLEUKIN-6 IN THE DIAGNOSIS OF INFLAMMATION DUE TO INFECTIOUS DISEASES

*Tse Wei Poh, PhD*

### **SPEAKER'S ABSTRACT:**

Since the COVID-19 pandemic, respiratory infections have become challenging for first-line health care providers. Monocyte Distribution Width (MDW) and interleukin-6 immunoassay are readily available and inexpensive biomarkers for COVID-19. However, this may help medical technologists and physicians distinguish COVID-19 from influenza and common upper respiratory tract infections (URIs). Combining MDW and Interleukin-6 was more efficient in identifying not only COVID-19 but acute inflammation due to other infectious diseases based on the presence of these two biomarkers. This lecture provides insights on the importance of these biomarkers as effective and efficient screening tools in differentiating COVID-19 from other infectious diseases. Other evidence-based clinical studies using these algorithms that showed the ease of use and correlated patients' clinical manifestation will likewise be discussed.

### **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be able to:*

1. describe the importance of monocyte distribution width (MDW) and interleukin-6 in the diagnosis of acute inflammation due to infectious diseases; and
2. explain the principles behind using these screening tools in differentiating COVID-19 from other infectious diseases.



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# MOLECULAR DIAGNOSIS AND ITS ROLE IN THE MANAGEMENT OF TRANSPLANT PATIENTS

Raymundo W. Lo, MD, FCAP, FASCP, FPSP



## **SPEAKER'S ABSTRACT:**

Long-term survival of solid organ and hematopoietic progenitor cell grafts represents one of the most challenging goals in medical science. The primary obstacle to transplantation is immunologically mediated rejection of the foreign tissue. Thus, allografting's success depends on the ability to deter the immune reaction, which may be accomplished by: Histocompatibility matching between the donor and the recipient Immunosuppressive therapy of the patient. Ultimately achieving specific unresponsiveness to donor alloantigen. The most extensive work-up is done prior to the transplantation. There is the search for the most compatible donor in terms of histocompatibility. This involves determining the HLA and other parameters of both recipient and donor to identify complete matches or lack of it. This lecture talks about the different advance molecular testing parameters in transplant donors and how this better help the transplant team, from the laboratory to the clinicians and to the surgeons, with the information on the presence of these antibodies targeting specifically antigens from the donors prior to transplantation.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. understand the importance of histocompatibility matching between the donor and recipient;
2. describe the parameters involved in both recipient and donor to identify complete matches or lack of it; and
3. explain the different advanced molecular testing parameters in transplant donors and their principles.





## TRANSITIONING FROM PANDEMIC TO ENDEMIC: RESILIENCE AND PREPAREDNESS

Mary Jean P. Loreche, MD, FPSP, FPSO

### **SPEAKER'S ABSTRACT:**

The COVID-19 pandemic caught everyone unaware, testing the preparedness that the various governments had set up from the SARS event way back in 2003. There were multiple gaps in the response, as evidenced in the manner of control of cases and deaths. Nearly three years into the pandemic, what learnings can be gleaned that should somehow help leaders and policymakers craft guidelines that will help prepare the country for future pandemics? A “whole-of-nation, whole-of-society” approach wherein the concept of shared responsibility may be placed under the lens as we try to review the past events in our nation’s response to COVID-19.

### **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be able to:*

1. have a better understanding of the concept of shared responsibility;
2. how a “whole-of-nation, whole-of-society” approach addressed a pandemic; and
3. how the current laboratories can be drivers towards preparedness in transitioning from a pandemic to endemic.



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# THE MEDICAL LABORATORY: ARMOR OF DEFENSE AGAINST BIOLOGICAL THREATS

*Juanito N. Zuasula, MD, PHSAE, CTTS*



## **SPEAKER'S ABSTRACT:**

With the appropriate workforce and logistical support, laboratories can be well equipped to assist in early case detection and responding to vast infectious disease outbreaks. Therefore, laboratory confirmation is necessary to provide evidence, investigate emerging and re-emerging etiological agents, and guide decisions in the distribution of resources. Yet, with the hovering possibility of another pandemic, operating in a non-linear environment remains a challenge among laboratories where entities need to collaborate, cooperate, and communicate. Learning from the COVID-19 Pandemic experience, laboratories arguably, are the finest armor of defense against biological threats.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. discern the importance of empirical data for the timely response to an outbreak, surge, or even during a pandemic;
2. raise awareness and provide due importance to the medical field as being the frontline of defense during a global health crisis; and
3. establish a means for continuous learning and adaptiveness which is timely and relevant in this age of pathogenic literacy.





# FUNDAMENTAL FRAMEWORK OF BIOSAFETY PROGRAM IN CLINICAL LABORATORIES

Ronaldo E. Puno, RMT, MBA-H, IFBA PC

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## **SPEAKER'S ABSTRACT:**

The advent of COVID-19 prompted those working in clinical laboratories and other healthcare settings to take a closer look into the importance of Biosafety and Biosecurity culture within their respective institutions. It underscored the urgent need to strengthen their policies and protocols further to keep the workplace safe and secure.

Laboratory biosafety and biosecurity activities are fundamental to protecting the laboratory workforce and the wider community against unintentional exposures or releases of pathogenic biological agents. These activities are implemented using a framework of the Biosafety/Biosecurity Program.

The presentation will highlight the Biosafety/Biosecurity Program framework patterned after the WHO Laboratory Biosafety Manual, 4<sup>th</sup> Edition, which aims to heighten the awareness of those working in clinical laboratories.

## **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be:*

1. oriented on the importance of biosafety and biosecurity in the clinical laboratory setting;
2. presented with the framework for developing a biosafety program in the clinical laboratory; and
3. updated on the biosafety-related requirements of the Department of Health.



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# MEDICAL TECHNOLOGIST IN THE ACADEME

Annette L. Salillas, RMT, MD, FPSP, FASCP, MIAC



## **SPEAKER'S ABSTRACT:**

In the medical technology or medical laboratory science profession, teaching expertise has traditionally been assumed to be a part of clinical or scientific expertise. Only since the second half of the 20th century has teaching been acknowledged as a skill in its own right. Through formal or informal training or supervision of laboratory personnel, BS-MT/MLS students, and clinical interns, all Registered Medical Technologists (RMTs) are involved in teaching to some extent.

All RMTs require basic training in the principles and strategies of teaching in MT/MLS education. Those who assume more formal teaching responsibilities should be qualified appropriately. Recent years have seen a number of encouraging developments and an increased recognition of the importance of teaching by individual RMTs and throughout the profession. The introduction of outcomes-based education (OBE), revised assessment procedures, and changes to the MT/MLS curricula and syllabi will undoubtedly impact the Medical Technology or Medical Laboratory Science profession and its wider role and must be borne in mind when considering what part should be played by RMTs in teaching MT/MLS professional courses.

The influence of continuing changes in clinical laboratory medicine and modernization is being felt by all those medical technologists or medical laboratory scientists involved in research, healthcare, higher education, and business. The need for high-quality faculty members and clinical instructors handling BS-Medical Technology/Medical Laboratory Science (MT/MLS) professional courses is reinforced by commitments to education and training aligned with the vision of PAMET and PASMETH, which emphasized Continuing Professional Development (CPD), lifelong learning, technical and administrative competency, and among others, that will help MT/MLS academicians manage their knowledge, skills, values, and professional growth.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. describe the various aspects of teaching in the MT/MLS profession including who provides the teaching or instruction;
2. describe the challenges faced by BS-MT/MLS educators in delivering the curricula and instructions;
3. describe how the impact of these challenges can be reduced or eliminated; and
4. describe ways how to prepare the BS-MT/MLS students for future academic and scientific endeavors and global healthcare challenges.



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## UTILIZING CAPILLARY ELECTROPHORESIS (CE) IN MEASURING HbA<sub>1c</sub>

*Roberto G. Manaois, RMT, DBA*

### **SPEAKER'S ABSTRACT:**

HbA<sub>1c</sub> is a measure of hemoglobin glycation and reflects glycemia for the past four months. The HbA<sub>1c</sub> level has been used for monitoring diabetes as it reflects the six to eight-week retrospective average rate of glycemia and has been accepted for diagnosing diabetes mellitus using a cut-off value of  $\geq 6.5\%$ .

The challenges in HbA<sub>1c</sub> testing in the Philippines are precipitated by the issues linked to the hemoglobin itself and could lead to unreliable results. In cases of heterozygous hemoglobinopathies, some methodologies are affected during the measurement of HbA<sub>1c</sub> inherent to their principle of measurement. The problem becomes significant in cases of homozygous hemoglobinopathy and is exacerbated by the rate of prevalence of hemoglobinopathies in the different regions. These interferences of hemoglobin variants may affect HbA<sub>1c</sub> testing reliability resulting in misleading diagnostic interpretation. The clinical laboratories therefore should be aware of the analytical variables and prevalence of hemoglobinopathy in their region to ensure that the results are not affected by the interference.

This lecture discusses the nature of problems related to hemoglobin being the target molecule for HbA<sub>1c</sub>. It will specifically discuss the power and benefit of the capillary electrophoresis (CE) as a principle in measuring HbA<sub>1c</sub> that could provide solutions for analytical and biological issues encountered in the clinical laboratories.

### **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. highlight the analytical and biological interferences that could affect the reliability of HbA<sub>1c</sub> testing in cases of hemoglobinopathies and thalassemia;
2. compare and contrast actual results culled from parallel runs made to demonstrate the impact of the analytical and biological interferences from several HbA<sub>1c</sub> methodologies; and
3. demonstrate the benefit and advantage of capillary electrophoresis (CE) being an excellent methodology through the powerful separation of proteins for HbA<sub>1c</sub> testing.



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Nivel Hills, Cebu City,  
Cebu, Philippines  
May 24-26, 2022

### **THEME:**

*Forging the Future of  
Medical Technology Towards  
Digital Laboratory Medicine*

# ERGONOMICS IN THE LABORATORY

Lohindren V. Adorable, MD, DPBRM, FPARM



## **SPEAKER'S ABSTRACT:**

The lecture will initially focus on the common work-related musculoskeletal disorders among clinical laboratory workers. This will be correlated with the kinesiology of the human body as a prelude to the discussion on the factors contributing to the development of pathomechanics causing the disorders. To minimize, or if not, abort its occurrence, recommended ergonomics design of the workplace, energy conservation techniques, and other preventive measures will comprise the conclusion of the lecture.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. define ergonomics and describe how it impacts your work environment;
2. list the common symptoms of musculoskeletal disorders and the steps you can take to prevent them;
3. describe components of a successful ergonomics program; and
4. understand injury prevention techniques and ergonomics solutions.





# THE SIGNIFICANCE OF DECISION SCIENCE IN CLINICAL LABORATORY MANAGEMENT

*Rommel F. Saceda, RMT, MBA*

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## **SPEAKER'S ABSTRACT:**

The clinical laboratory science field requires an abundance of technical knowledge; however, the importance of implicit or tacit knowledge gained through observation and practice is often discounted in our area, even though it is a critical part of reflective thinking, critical thinking, and reflective practice. The “de-skilling” of laboratory practitioners may result from limited training opportunities in an overtaxed system. A deeper analysis of the decision-making skills of practicing medical laboratory scientists may illuminate, for practitioners, the complexity of the profession. It will also add to the body of knowledge in clinical laboratory science by specifically observing practitioners for behaviors that reflect the use of specialized technical expertise in decision-making in the laboratory context.

## **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be able to:*

1. define the meaning of decision science;
2. determine a greater insight into decision-making processes; and
3. use insight to make a more effective decision.



## **THEME:**

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# THE CLINICAL LABORATORY IN THE AGE OF DIGITALIZATION, AUTOMATION, AND ARTIFICIAL INTELLIGENCE

Ma. Frieda Z. Hapan, RMT, MSMT, PhD



## **SPEAKER'S ABSTRACT:**

The effects of digitalization, automation, and Artificial Intelligence in clinical laboratory work have been predicted to improve the pre-analytic, analytic, and post-analytic phases of clinical laboratory procedures. The digitization of data processes enhances quality control efforts, enables continuous workflows, and improves process efficiency in clinical laboratory work. Automation has resulted in increased efficiency and changes involving infrastructure and training requirements for medical technologists. The use of Artificial Intelligence in the clinical laboratory enables big and multi-dimensional data management. Digitalization, automation, and Artificial Intelligence are expected to affect medical technology/medical laboratory science practice and change the way our laboratories operate, process samples, and generate laboratory information in the future.

## **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be able to:*

1. define digitalization, automation, and artificial intelligence;
2. discuss the future of laboratory medicine in the digital era; and
3. explain how digitalization, automation, and artificial intelligence will impact medical technology/medical laboratory science practice in the future.





## BRIDGING THE GAP IN DIAGNOSTIC MEDICINE: THE PURPOSE AND PRACTICALS

*Maria Teresa T. Rodriguez, RMT, EdD, MLS(ASCP)CM*

### **SPEAKER'S ABSTRACT:**

The diagnostic landscape of the entire pathology laboratory has dramatically changed when the agent of the COVID-19 pandemic, known as the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), crossed continents causing economic and health crises. The readiness and proficiency of the medical technologists were put to a drastic evaluation as they accept innumerable samples both for phenotyping and genotypic analyses, and as they embrace life-changing realities.

This global pandemic introduced various health metrics that were either seldom or never performed in any clinical laboratory. It is vital to discuss and encapsulate the significance of these latest biomarkers and share it with the practicing medical technologists to boost their confidence and keep them updated. Part of the shared responsibility of PAMET and its membership is to support each other in bringing awareness to the breakthroughs in medicine. Truly, the SARS-CoV-2 is a game-changer as it redefines human anatomy and physiology.

Likewise, it is vital to cultivate the functions of medical technologists toward digital healthcare. Gone are the days that they look at their jobs as mere routine employment, as mere compliance to customary rotational duties. Rather, they should reflect on their role as proactive healthcare professionals utilizing diagnostic software and platforms in aid of disease assessment. They should be armed with 21st-century skills to better serve the demands of the ever-changing workforce. Further, it is vivid that there is a distance in terms of the values and life's standards in any institutional environment. It is sometimes healthy to have some sort of uniqueness, and personally select which is best for you. It is an accepted norm that there are professional differences. However, the crevice should be remediated immediately in the face of accelerated disparities to sustain a harmonious relationship. The new generation of medical technologists should be armed with the skills of a global healthcare citizen, with the capacity to resolve cases in point, with the ability to bridge the gap.

### **LEARNING OUTCOMES:**

*After the topic discussion, the participants will be able to:*

1. elucidate the current diagnostic markers for disease assessment;
2. reinforce the fundamental roles of the medical technologists in the 21<sup>st</sup>-century digital healthcare; and
3. reconcile the gap in the clinical practice, focusing on the expected values and skills of the new generation of MLS professionals.



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# BURNOUT AMONG HEALTHCARE WORKERS

Glenda C. Basubas, MD, FPPA (Life), FPCAM, IFAPA



## **SPEAKER'S ABSTRACT:**

Burnout is a work-related stress syndrome resulting from chronic exposure to job stress. The term was introduced in the early 1970s by psychoanalyst Freudenberger and has subsequently been defined by Maslach et al. as consisting of three qualitative dimensions, which are emotional exhaustion, cynicism and depersonalization, reduced professional efficacy, and personal accomplishment. Burnout can occur in any kind of profession.

Healthcare workers seem to be at particular risk for burnout. This may have significant negative personal (substance abuse, broken relationships and even suicide), but also important professional consequences such as lower patient satisfaction, impaired quality of care, even medical errors, potentially ending up in malpractice suits with substantial costs for caregivers and hospitals. Therefore, alertness for the phenomenon with prompt recognition together with the development of adequate coping personal and organizational strategies is essential in dealing with this important problem in contemporary healthcare.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. raise awareness on the several aspects of burnout syndrome among healthcare workers and its impact on the quality of life and health in general; and
2. discuss the different management strategies for dealing with the problem and prevention of burnout syndrome among healthcare workers.







## PROFESSIONAL BOARD OF MEDICAL TECHNOLOGY UPDATES

*Hon. Marilyn A. Cabal-Barza, MD, FPSP*

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### **SPEAKER'S ABSTRACT:**

Professional Regulatory Board of Medical Technology (PRBoMT) Regular Updates offer the laboratory professionals a window of visibility into the activities of the PRBoMT. We would like to keep everyone up to date with changes, ongoing projects and progress, and some real-time news that can impact the professionals and your organization.

### **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be updated on the following:***

1. Composition of the Board;
2. Career Progression and Specialization;
3. Continuing Professional Development;
4. Hawaii Department of Health-PRC Memorandum of Understanding; and
5. Registered Professionals and the number of professionals actively renewing professional ID card.



### **THEME:**

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# RISK-BASED APPROACH IN THE MANAGEMENT OF MOLECULAR DIAGNOSTIC LABORATORIES

*Oliver Shane R. Dumaoal, RMT, MSMT, CBO, IFBA PC*



## **SPEAKER'S ABSTRACT:**

The use and adoption of molecular techniques in the clinical laboratory is now becoming mainstream in the Philippines. Driven by the needs posed by the COVID-19 pandemic, the establishment and utilization of molecular diagnostic laboratories in the country is at its peak. The use of molecular-based assays for diagnostics presents its own unique prospects and pitfalls and the sudden shift to molecular-based platforms posed unique challenges to laboratory professionals. With the dwindling of COVID-19 cases and the societal transition to a post-pandemic era, many of these laboratories will be repurposed for expanded molecular diagnostic services and not solely focused on COVID-19 testing. Because of the different infrastructure and testing requirements for molecular-based tests, it is important to ensure that all processes consider the risks involved in all phases of testing. This lecture will provide learning insights and details on applying risk management principles and will briefly describe related practices to emphasize the importance of risk management in a molecular diagnostic laboratory setting.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. identify the risks unique to a molecular diagnostic laboratory;
2. develop a risk management plan for the molecular diagnostic laboratory; and
3. implement a risk management strategy in a molecular diagnostic laboratory.





## ADVANCEMENTS IN LABORATORY TESTING IN IMPROVING COMMUNITY- ACQUIRED PNEUMONIA CARE

*Albert L. Rafanan, MD, FCCP, FASSM, FPCP, FPCCP*

### **SPEAKER'S ABSTRACT:**

Pneumonia is the fourth most common cause of death globally. The severity of pneumonia is often guided by both clinical factors and laboratory testing. The empiric use of antibiotics is often used in the treatment as microbiological test results are not available immediately and often does not reveal a pathogen in more than 50% of patients. Newer laboratory tests are currently available and its clinical utility will be discussed.

### **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. discuss how laboratory tests are used by clinicians to assess sites of care for pneumonia;
2. discuss the available diagnostic test to determine the microbiologic cause of pneumonia; and
3. discuss how laboratory tests are used to guide the choice of antibiotics.



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# UPDATES ON HIV TESTING IN THE PHILIPPINES: THE RAPID HIV DIAGNOSTIC ALGORITHM (RHIVDA)



Chamberlain I. Agtuca Jr., MD, FPMS, DPSP

## **SPEAKER'S ABSTRACT:**

According to the UNAIDS, there were more than 37 million people worldwide who were living with HIV in 2020. In that same year 1.5 million new infections were identified and 680,000 people died from the disease. Although HIV infections have declined steadily since 2010, the impact of this disease is still significant enough to cause governments to lose millions of dollars treating and taking care of the sick. Since 1984 when HIV/AIDS was first reported in the Philippines, there are currently more than 94,000 Filipinos diagnosed with the disease. Ninety-four percent (94%) of these are males, majority of which are men who have sex with men (MSM).

To address this challenge posted by the UNAIDS, DOH Philippines has come up with the new rapid HIV diagnostic algorithm (rHIVDa) that is aimed to shorten the turn-around time of HIV screening tests and lessens the waiting time for patients and clients to get their results. This is aimed to cut down the number of clients being lost to follow up and decreased the morbidity and mortality among patients as early release of results will expectedly translate to early initiation of ARV treatment. There is therefore a need for laboratories in the Philippines that are performing HIV screening tests to know about rHIVDa to facilitate faster referral of clients with reactive HIV screening test results. It is also hoped that through this mechanism, local and regional networks will be established so that by 2030, our country will have achieved the 95-95-95 UNAIDS goal.

## **LEARNING OUTCOMES:**

### ***After the topic discussion, the participants will:***

1. be informed of the global burden of HIV/AIDS and its impact on the healthcare system;
2. understand the 95-95-95 HIV Strategy of the Joint United Nations Programme on HIV/AIDS (UNAIDS);
3. be updated on the current scenario of HIV in the Philippines as reported by DOH NASPCP;
4. see the importance of the rapid HIV Diagnostic Algorithm (rHIVDa) in the management and
5. treatment of HIV/AIDS cases in the Philippines; and
6. know about the existing guidelines on the conduct of rHIVDa by DOH-certified rHIVDa confirmatory laboratories.





## REPURPOSING COVID-19 FACILITIES TO MOLECULAR HEMATOLOGY

Mark Raymund G. Nava, RMT, MSMT, MPA

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### **SPEAKER'S ABSTRACT:**

Both government units/agencies and private entities have invested a considerable amount of financial resources to address the needs of the people during the COVID-19 pandemic. These investments include the construction of RT-PCR laboratories and the acquisition of equipment for molecular diagnostics.

However, with the decreasing number of COVID-19 cases, one pending question is: "What will we do with these multi-million facilities?". One plausible and possible answer is converting or repurposing facilities to conduct diagnostic testing for hematologic disorders. This lecture-discussion shall cover molecular diagnostic tests currently available for the detection and classification of leukemia and other blood dyscrasias.

### **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. develop future plans for existing molecular diagnostic facilities initially intended for COVID-19 testing;
2. recommend strategies to maximize the availability of molecular diagnostics equipment and facilities; and
3. recognize/discover current molecular tests for leukemia and other blood dyscrasias.



### **THEME:**

# REQUIRED STEPS IN METHOD VALIDATION FOR CLINICAL CHEMISTRY SYSTEMS

*Jovy Carl G. Acueza, RMT, MPH*



## **SPEAKER'S ABSTRACT:**

Laboratory test method validation typically refers to the multi-tiered process of evaluating the performance of a new instrument or test methodology, often concerning a tool or methodology currently in use. In its broadest sense, method validation comprises the evaluation of test performance following a change in reagents, instruments, procedure, or something unique to clinical laboratories—introducing a new clinical parameter.

The ultimate goal of method validation is to provide objective evidence that the evaluated method will show acceptable reproducibility and accuracy to be clinically applicable. Consultation between a clinical laboratory and clinicians is often necessary to determine the acceptability of the generated data; successful test validation produces a reference interval, test sensitivity, and specificity, or a medically valuable receiver operating characteristic curve. In the age of point-of-care instrumentation, quality control and test validation issues are no longer restricted to clinical laboratories but now fall upon the responsible clinician. The purpose of this short presentation is to present a brief introduction to the concept of test method validation, to describe basic methods of validation, particularly concerning the use of Clinical Chemistry systems in the laboratory, and provide the clinician with a sense of the importance of test validation concerning the principles of quality assurance and good laboratory practice.

## **LEARNING OUTCOMES:**

***After the topic discussion, the participants will be able to:***

1. describe the importance of method validation of newly acquired instruments used in the laboratory;
2. determine the acceptable validity criteria in terms of reproducibility, accuracy, sensitivity, and specificity of an instrument; and
3. explain the concept of method validation with the use of clinical chemistry instrumentation.







**PRINCE LEE L. BALABA, RMT, MPH, CHA, DPA**  
President, PAMET Cebu Chapter  
Over-all Chairman, 26th PAMET Midyear Convention

## HANDWASHING ADVOCACY AND BUSOG LUSOG PROGRAM

**Consolacion, Cebu** – Last February 19, 2022, PAMET Cebu Chapter conducted the Germbuster Handwashing Advocacy and Busog Lusog Program at the Municipality of Consolacion in partnership with Philippine National Police – Consolacion Police Station POLICE ICEBS (Intervention for Children Enhancement for a Better Society).

Handwashing lecture was conducted to around fifty (50) children and 30 Barangay Health Workers (BHWs) of Barangay Nangka, Consolacion, Cebu.

After the actual handwashing demonstration, Busog Lusog Food packs were also distributed to all the participants.

PAMET Cebu still accepts partners and donations for our Germbuster Handwashing Advocacy and Busog Lusog Program.

Thank you PAMET National headed by our National President, Mr. Rommel Saceda, and to PAMET Visayas Regional Director, Maruja Japzon.

PAMET Cebu Chapter, headed by its Chapter President, Dr. Prince Lee L. Balaba, would like to thank the Consolacion PNP, Consolacion LGU, and Brgy. Nangka Officials.



## PAMET CEBU JOINS THE 48<sup>TH</sup> PRC FOUNDING ANNIVERSARY

**Mandaue City, Cebu** – Last June 18, 2021, PAMET Cebu joined the 48<sup>th</sup> Founding Anniversary of Professional Regulation Commission and 2021 PRC Week Celebration at PRC Regional Office 7, Mandaue City, Cebu.

PAMET Cebu Chapter, headed by its Chapter President, Dr. Prince Lee Balaba, also participated in the community pantry inside PRC Office. Basic laboratory services were given for free to all the participants on the said event.



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## PDA-PAMET CEBU CONTRACT SIGNING

**Cebu City, Cebu** – Last September 24, 2021 at 2:15 PM, the Philippine Association of Medical Technologists (PAMET) – Cebu Chapter and the Philippine Dental Association – Cebu Chapter, signed a Memorandum of Agreement, marking the official cooperation between the two Professional Regulation Commission–Accredited Professional Organizations (APOs) in the Province of Cebu.

The contract signing ceremony took place at the PAMET Cebu Chapter office, Banawa, Cebu City. According to the memorandum of agreement, the two APOs agreed to co-organize medical outreach programs, as well as continuing professional development activities, with emphasis on proper hand hygiene, and community and public health awareness.

The memorandum of agreement is hoped to create promising conditions, to establish professional relationships between the chapter officers and members of the two APOs, and to take advantage of each other's strengths to bring out the best cooperation results.



## ARCREACH DEWORMING PROGRAM

**Sta. Fe, Bantayan Island, Cebu** – Taking off from the story of the young Ranelyn, last October 1, 2021, a team of medical experts from the Allegiant Regional Care (ARC) Hospitals, consisting of pediatricians, nutritionists, nurses, and medical technologists, headed north to Sante Fe, Bantayan Island, Cebu, the hometown of the young Ranelyn, who was featured on a weekly news magazine show. The team collaborated with the local government unit and health workers of Bantayan Island, as they launched their ARCreach Deworming Program with the following objectives: to screen the community of helminth infections, to hand out health kits, and to give informative lectures on proper hygiene and nutrition.

A total of eighty-five (85) patients were screened. Out of 85, thirty-four (34) patients were adults and fifty-one (51) were children. ARC Hospitals was also grateful for the invaluable contribution rendered by the medical technologists, namely Ms. Florabel Mae Daño and Ms. Christine Maniego from ARC, and Ms. Farrah Mae Dinopol and Ms. Sweeny Borja from Amosup Seamens' Hospital – Cebu. This goes to show that even at the peak of the pandemic, their goal of providing exceptional medical care does not end. This event culminated their month-long anniversary celebration as ARC turns 3 this year.



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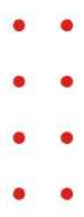
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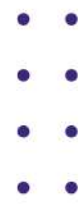
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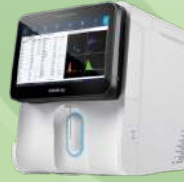


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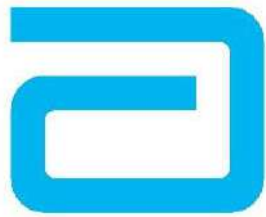
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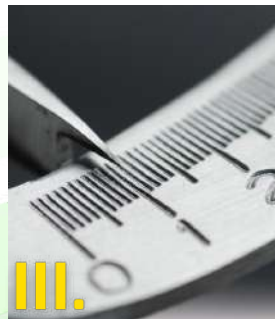
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**MARCO POLO PLAZA HOTEL**

Nivel Hills, Cebu City,  
Cebu, Philippines  
May 24-26, 2022

**THEME:**

*Forging the Future of  
Medical Technology Towards  
Digital Laboratory Medicine*

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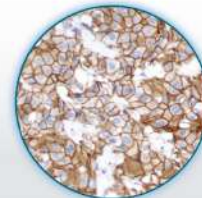


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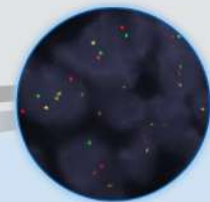


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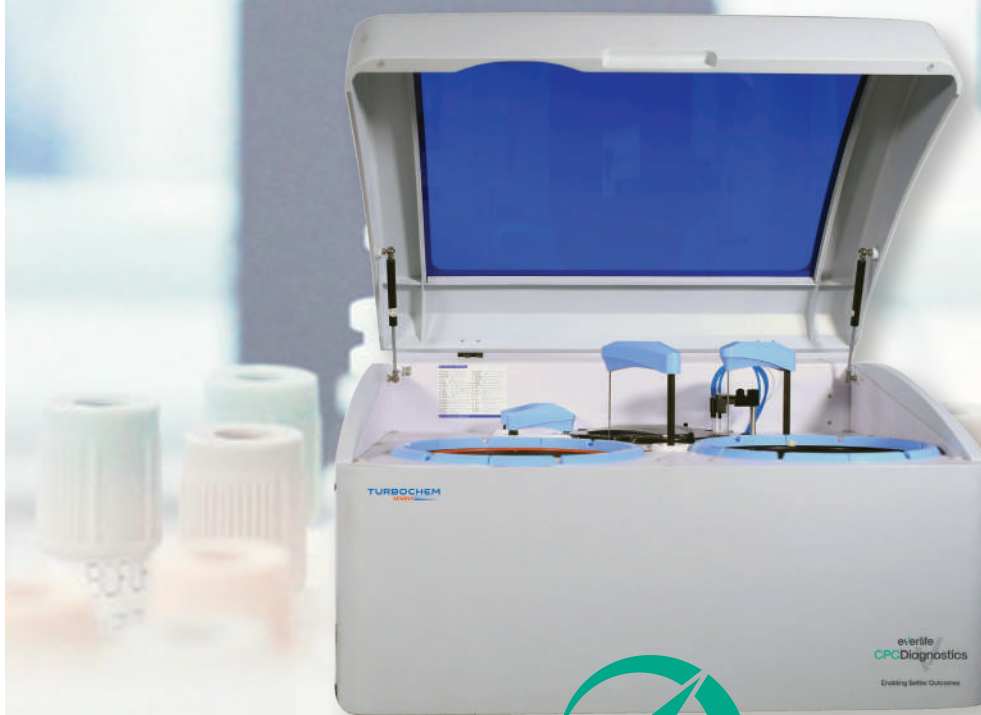
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The Afinion™ 2 Analyzer enables fast and easy quantitative determinations of hemoglobin A1c (HbA1c) and albumin-creatinine ratio (ACR). With its compact size and short test times, the Afinion™ 2 System is ideal for managing patients with diabetes.

Recent studies comparing the Afinion™ HbA1c assay to routine and reference laboratory methods have consistently shown a bias close to zero and a coefficient of variation (CV) below 2% (NGSP units).<sup>1-5</sup>

Test results can be printed or transferred to electronic medical records.



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1. Nathan DM, Griffin A, Peres FM, et al. Accuracy of a Point-of-Care Hemoglobin A1c Assay. *J Diabetes Sci Technol*. 2009;3(5):1149-1155. <https://journals.sagepub.com/doi/pdf/10.1177/1932290809350005>  
2. Arnold WB, Kasper K, Little RR, et al. Accuracy and Precision of a Point-of-Care HbA1c Test. *J Diabetes Sci Technol*. March 10, 2009. <https://journals.sagepub.com/doi/pdf/10.1177/1932290809351292>  
3. Arnold WB, Kasper K, Swenson MH, et al. Pragmatic Precision and Total Error of a Point-of-Care HbA1c Test. *J Diabetes Sci Technol*. March 6, 2009. <https://journals.sagepub.com/doi/pdf/10.1177/1932290809351273>  
4. Linton-Waters A, English N. Evaluation of Four HbA1c Point-of-Care Devices Using International Quality Targets and The Paediatric Diabetes Care Group. *J Diabetes Sci Technol*. 2010;4(2):262-270. <https://journals.sagepub.com/doi/pdf/10.1177/1932290810375612>  
5. Subakvisky PM, Smith BE, Saenger AK, et al. Multicenter assessment of a hemoglobin A1c point-of-care device for diagnosis of diabetes mellitus. *Clin Biochem*. 2008;43(5):18-22. <https://www.sciencedirect.com/journal/clinical-biochemistry/vol/43/issue/5>  
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# DeltaMed Diagnostics Supply Inc.

49D Scout Tobias Brgy Laging Handa Quezon City

Exclusive Distributor of Finecare Products

## Finecare FIA METER PLUS

**FS-123**  
Dimension: 230x230x160mm  
Weight: 2.6kg

**Connection**  
Direct connection to LIS/EMR

**ID chip Init**  
Automatic reading of batch number and calibration information in the ID chip

**Designed Sampler**  
Specialty designed sampler for small volume of specimen



**Built-in Thermal Printer**  
Automatic reporting - Support for barcode printer

**Large Display**  
10.1" Touch Screen - Multiple color interface

**Test Channel**  
Multiple test channels available - Unique probe holder for separation of samples

**Test Reagent**  
Room temperature storage - Suitable for whole blood, serum, plasma and urine

### TEST PROCEDURE



### APPLICATION



## Finecare FIA METER III PLUS

**FS-205**  
Dimension: 470x470x160mm  
Weight: Approx. 4.8kg

**ID chip Init**  
Automatic reading of batch number and calibration information in the ID chip

**Test Channel**  
20 channels - Random access for samples - Automatic channel reselection

**Built-in Thermal Printer**  
Real time reporting - Support for external printers

**Designed Sampler**  
Specialty designed sampler for small volume of specimen



**Large Display**  
10.1" Touch Screen - Multiple color interface

**Connection**  
Direct connection to LIS/EMR

**Cartridge Tray**  
Cartridge holder for automatic pipette - Indicator light when test is in use

**Test Reagent**  
Room temperature storage - Suitable for whole blood, serum, plasma and urine - Get results in 3-5 minutes

### TEST PROCEDURE



### APPLICATION



Cat. No.	Category	Test Item	Diseases	Specimen Type	Specimen Volume	Reaction Time	Measuring Range	Qualification
N206		2019-nCoV IgG Antibody Test		Fingerstick or Venous	20µL	15mins	Qualitative	CE
N209		2019-nCoV Neutralizing Antibody Test		WB/SP	75µL serum/plasma / 10µL serum or fingerstick whole blood	15mins	Qualitative	CE
N208	COVID-19	2019-nCoV Antigen Test	COVID-19	NP/OP	-	15mins	Qualitative	CE
N216		2019-nCoV Antibody Test			10µL	10mins	Qualitative	CE
N218		2019-nCoV IgM/IgG Test			10µL	10mins	Qualitative	CE
N217		2019-nCoV IgM Test			10µL	10mins	Qualitative	CE
N208		2019-nCoV IgG Test			10µL	10mins	Qualitative	CE
N211	Vitamin	Vitamin D	Bone Metabolism	S/P	75µL	15mins	5-100ng/mL	CE
N212		HbA1c	Diabetes Mellitus	WB	10µL	5mins	4.5-14.5%	CE
N206	Diabetic & Renal Injury Markers	UAU	Renal Injury	Urine	75µL	3mins	5-300mg/L	CE
N219		CysC	Renal Injury	S/P/WB	10µL	5mins	0.2-10ng/L	CE
N228		NGAL	Renal Injury	Urine	75µL	15mins	10-150ng/mL	CE
N229		β2-MG	Renal Injury	S/P/WB	10µL	10mins	0.3-20ng/L	CE
N231	T3	Thyroid Dysfunction	S/P/WB	75µL	15mins	0.01-0.22nmol/L	CE	
N232	T4	Thyroid Dysfunction	S/P/WB	75µL	15mins	0.20-300nmol/L	CE	
N226	TSH	Thyroid Dysfunction	S/P/WB	75µL	15mins	0.1-100mIU/L	CE	
N208	FT3	Thyroid Dysfunction	S/P/WB	75µL	15mins	0.05-0.20pmol/L or 0.20-35.55µg/L	CE	
N239	FT4	Thyroid Dysfunction	S/P/WB	75µL	15mins	1.00-100pmol/L or 0.08-7.77ng/L	CE	
N225	Fertility	β-HCG	Fertility	S/P/WB	20µL	15mins	2-200,000mIU/mL	CE
N237		UA	Fertility	S/P/WB	75µL	15mins	1.5-300mIU/mL	CE
N242		FSH	Fertility	S/P/WB	75µL	15mins	1.5-150mIU/mL	CE
N233		Proln	Fertility	S/P/WB	75µL	15mins	1.5-60ng/mL	CE
N246		FSH	Fertility	S/P/WB	75µL	15mins	1-200ng/mL	CE
N247		LH	Fertility	S/P/WB	75µL	15mins	9-3000pg/mL	CE
N248		Testosterone	Fertility	S/P/WB	75µL	15mins	0.1-15ng/mL	CE
N249		AMH	Fertility	S/P/WB	75µL	15mins	0.1-30ng/mL	CE
N252		NT-proBNP	Heart Failure	S/P/WB	75µL	15mins	10-1300ng/mL	CE
N253		cTnI	Myocardial Infarction	S/P/WB	75µL	15mins	0.1-50ng/mL	CE
N254	Myo	Myocardial Infarction	S/P/WB	75µL	15mins	2.0-80ng/mL	CE	
N255	CK-MB	Myocardial Infarction	S/P/WB	75µL	15mins	0.1-100ng/mL	CE	
N217	HsABP	Myocardial Infarction	S/P/WB	75µL	15mins	1-120ng/mL	CE	
N216	Cardiac Markers	troTnI (cTnI) (p/CK-MB)	Myocardial Infarction	S/P/WB	75µL	15mins	Serum with single items	CE
N222		troTnT (cTnT) (p/CK-MB)	Myocardial Infarction	S/P/WB	75µL	15mins	Serum with single items	CE
N223	troI	Myocardial Infarction	S/P/WB	100µL for whole blood / 75µL for plasma/serum	15mins	0.03-10ng/mL	CE	
N242	troTnT	Myocardial Infarction	S/P/WB	100µL for whole blood / 75µL for plasma/serum	15mins	0.03-10ng/mL	CE	
N239	Cerebrovascular Injury Markers	S100β	Cerebroischemia / Cerebral hemorrhage	S/P/WB	75µL	15mins	0.05-10ng/mL	CE
N221		D-Dimer	Thrombosis	WB/Plasma	15µL for whole blood / 10µL for plasma	5mins	0.1-10ng/L	CE
N227	Coagulation	One-step D-Dimer	Thrombosis	WB/Plasma	15µL for whole blood / 10µL for plasma	15mins	0.1-10ng/L	CE
N210		PCT	Sepsis	S/P/WB	75µL for whole blood / 5µL for plasma/serum	15mins	0.1-100ng/mL	CE
N201	Inflammation Markers	CRP (hsCRP-CRP)	Inflammation	S/P/WB	0.5µL for whole blood / 3µL for plasma/serum	3mins	0.5-200mg/L	CE
N218		2-in-1 (CRP+PCT)	Inflammation & Infection	S/P/WB	75µL	15mins	CRP: 0.5-100mg/L / PCT: 0.1-100ng/L	CE
N221	Tumor Markers	SAE	Infection & Inflammation	S/P/WB	10µL	15mins	1.0-300mg/L	CE
N251		E-6	Inflammation	S/P/WB	75µL	15mins	3-4000pg/mL	CE
N208	Tumor Markers	AFP	Liver Cancer	S/P/WB	75µL	15mins	5-800ng/mL	CE
N209		PSA	Prostate Cancer	S/P/WB	75µL	15mins	2-100ng/mL	CE
N230		CEA	Cancer	S/P/WB	75µL	15mins	1-100ng/mL	CE
N230	Others	PSA	Prostate Cancer	S/P/WB	75µL	15mins	0.2-30ng/mL	CE
N208		Cardiol	Cardiac diseases	S/P/WB	75µL	15mins	30-1000mIU/L	CE
N258	Ferritin	Iron metabolism	S/P/WB	75µL	10mins	5-1000ng/mL	CE	
N279	FOB	Gastrointestinal bleeding	Feces	10µL to sample #4 & different parts of the feces	5mins	25-1000ng/mL	CE	

### Finecare 2019-nCoV IgM/IgG Test

- Easy to use, instant results in 15 minutes
- Wide temperature storage: -20°C
- Integrated interpretation for IgM and IgG
- Printed results, better readability

**Finecare™ Analyzers for 2019-nCoV IgM/IgG Test**

Model	FS-123	FS-205
Dimension	230x230x160mm	470x470x160mm
Weight	2.6kg	4.8kg
Sample Volume	10µL	10µL
Reaction Time	15mins	15mins
Storage Temperature	-20°C	-20°C
Storage Duration	30 days	30 days
Sample Type	Whole Blood, Plasma, Serum	Whole Blood, Plasma, Serum

### 01 Diagnostic Methods for COVID-19

**CURRENT DIAGNOSTIC METHODS FOR COVID-19**

02 What is Antibody Test

03 Antibody Test Application

04 COVID-19 Related Items on Finecare™

### Finecare 2019-nCoV ANTIGEN TEST

**APPLICATION SCENARIOS**

**Professional Use Scenarios**

- Designated Hospital
- ECDC
- Primary Care Unit

**Screening Scenarios**

- Border
- School
- Factory
- Enter-through Test Point
- Military
- High-risk Community

**PERFORMANCE**

Equipment	Positive	Negative	Total
Finecare™ 2019-nCoV Antigen Test	99.9%	99.9%	99.9%

Contact No. # (02)82923109 CP No.# 09175211795 Email Ad. - [bingcorcuera.finecare@gmail.com](mailto:bingcorcuera.finecare@gmail.com) FB page - FinecarePh

DIAGNOSTIC PARTNERS



**THEME:**  
Forging the Future of Medical Technology Towards Digital Laboratory Medicine





# SHAPING THE FILIPINO LAB OF TOMORROW

**XL 200**  
Fully-Automated  
Chemistry Analyzer



**EXM3000**  
ZYBIO Nucleic Acid  
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**26<sup>TH</sup> PAMET**  
MIDYEAR CONVENTION  
OFFICIAL SOUVENIR PROGRAM

**MöllerMedical**

**Docon® 7 Blood Mixer**

A solution for mobile blood donation with no compromises



Different Cases:



Basic    Basic +    Advanced    Professional

**CONROY Medical**

**Blood bag Sealers and Stripper**

**Qstrip™**

**Qseal™ multi**    **Qseal™ opti**    **Qseal™ air**

**Qseal™ free**    **Qseal™ handy**    **Qseal™ auto**    **Qseal™ extra**    **Qseal™ power**



**delta T Blood Transport**



**E.M.® Technology**

**DIAGAST**

**QWALYS EVO**    **STAT Function!!**

Blood Grouping  
Phenotyping  
Ab Screening  
Ab Screening Donor  
Crossmatching



A REAL walk away system  
Dynamic Scheduling

**ABD PAD®**

THREE (3) STEPS MANUAL BLOOD GROUPING IN 30 SECONDS !!



Positive    Negative

**BLOOD BANK EQUIPMENTS**

**REFRIGERATORS**    **PLATELET STORAGE**  
Blood bank    Platelet incubator  
Laboratory    Platelet Agitator  
Pharmacy  
Vaccine

**FREEZERS**    **PLASMA THAWER**  
Plasma    **CELL WASHER**  
Laboratory  
Vaccine

**ULTRA-LOW FREEZERS (-86C)**

**COLD CHAIN TRANSPORT**

**IMMUNOHEMATOLOGY SYSTEM**

Blood Grouping    Phenotyping  
Antibody Screening    Crossmatching

**CENTRIFUGES**

**BLOOD BAG SEALERS**

**MALARIA Ag TEST KIT**

**MP WASHER & READER**

**BLOOD BAG MIXER**

**SIGMA Centrifuges**

Benchtop, Stand-alone, Microcentrifuges  
Refrigerated, Unrefrigerated, Heatable



**Helmer SCIENTIFIC**

TrueBlue Storage & Processing

Blood Bank / Laboratory / Pharmacy Refrigerators  
Platelet Incubator and Agitator, Plasma Thawer  
Plasma Freezers, Ultra Low Freezer (-86C), Cell Washer



**SeroDiagnostic Trading**

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**MANILA OFFICE**  
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Fax No. (+632) 742 7279

**PASAY OFFICE**  
Unit G-09 Artel Seaview Towers 2828  
Roxas Boulevard Pasay City Philippines 1300  
Tel. No. (+632) 552 0033 / 821 1055  
Fax No. (+632) 810 5899

**CEBU OFFICE**  
Unit 5 La Hacienda Townhomes  
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Banawa, Cebu City 6000  
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Serodia TPPA 100T, 220T    Serodia HIV 1/2 Mix 100T



**Kayto**

MP Washer and Reader

**Fortress Diagnostics**

Malaria Antigen Test Kit

**Valumax**

Ear Loop Masks  
Shoe and foot cover  
Safety Laboratory Coats





## 26<sup>TH</sup> PAMET MIDYEAR CONVENTION ORGANIZING COMMITTEES

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### PRINCE LEE L. BALABA, RMT, MPH, CHA, DPA

*Cebu Chapter President*

*Overall Chair, 26<sup>th</sup> PAMET Midyear Convention*

COMMITTEE ASSIGNMENTS	MEMBERS
<i>Awards</i>	Chair: Juvan M. Obial, RMT Co-chair: Ramon Bryan A. Abella, RMT
<i>Protocol, Safety, and Security</i>	Chair: Randall Joey S. Angob, RMT Co-chair: Lura Mae S. Miñoza, RMT
<i>Exhibits and Virtual Advertisements</i>	Chair: Alvin Paul N. Cano, RMT Co-chair: Dwayne Jess B. Alenton, RMT
<i>Finance</i>	Chair: Josephine Jasmin A. Ong, RMT
<i>Food and Venue</i>	Chair: Aileen M. Uybalian, RMT
<i>Floor Operations</i>	Chair: Randall Joey S. Angob, RMT
<i>Guest Relations</i>	Chair: Janet T. Ramos, RMT
<i>Logistics and Transportation</i>	Chair: Angel Bert Y. Gemparo, RMT
<i>Membership and PAMET Booth</i>	Chair: Alvin Paul N. Cano, RMT
<i>Opening and Closing Ceremonies</i>	Chair: Louie B. Tadlas, RMT Co-chair: Odi C. Sadiasa, RMT
<i>Physical Set-up</i>	Chair: Jumarey T. Mahinay, RMT Co-chair: John Paul C. Millares, RMT
<i>Reception and Conference Info</i>	Chair: Victor G. Beringuel Jr., RMT
<i>Registration and Certificates</i>	Chair: Jonathan Ashley Tee, RMT
<i>Scientific Program</i>	Chair: Rhodalyn O. Canoy, RMT Co-chair: John Marc Abarquez, RMT
<i>Social Events, Raffles, and Prizes</i>	Chair: Angeli R. Yu, RMT Co-chair: Rhian Jess E. Canillas, RMT
<i>Souvenir Program and Invitation</i>	Chair: Joehn Kerwayne M. Villaluna, RMT
<i>Special Concerns</i>	Chair: Mary Anne Q. Dungog, RMT Co-chair: Aryl Rose Mae A. Bate, RMT
<i>Special Support Group</i>	Chair: Antonio L. Villamor Jr., RMT Co-chair: Ronniel C. Dayaday, RMT
<i>IT and Technical Support</i>	Chair: Joewen P. Aruta, RMT Co-chair: Mika I. Arcabal, RMT





# TO GOD BE THE GLORY!

Congratulations to PAMET Cebu for successfully hosting the 26<sup>th</sup> PAMET Midyear Convention headed by its Over-all Chairman and President of PAMET Cebu, Dr. Prince Lee L. Balaba.

We are very proud of you!

Greetings from:



PRINCE LEE L. BALABA, RMT, MPH, CHA, DPA  
President, PAMET Cebu Chapter  
Over-all Chairman, 26th PAMET Midyear Convention

## DAGHANG SALAMAT!

### DIAGNOSTIC PARTNERS:



### EVENT PARTNERS:

