

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES



19th PCQA CL Annual Convention

Redefining Global Challenges
into Quality Laboratory Standards

Pre-Convention Hybrid Workshop
September 7, 2022

Main Convention
September 8-10, 2022



POCT IMMUNOLOGY ANALYZER (KOREA)
iCHROMA II & III



AFIAS-3



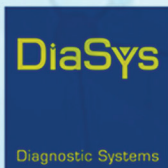
AFIAS-6



AFIAS-10



**CLINICAL CHEMISTRY
 ANALYZER (GERMANY)**



RESPONSE 920 & RESPONSE 940

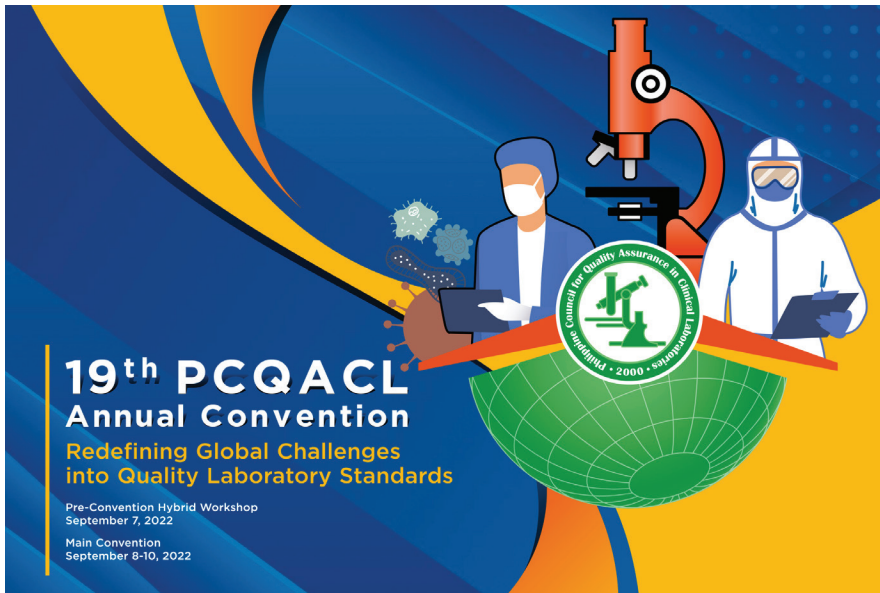
**RAPID TEST KITS
 (USA)**



**HEMARAY 51
 5-Part Hematology Analyzer**

CONTENTS

PCQACL Officers 2022	12
Board of Trustees 2022	13
19th PCQACL Annual Convention Organizing Committee	14
Standing Committee 2022	16
Opening Ceremonies	18
Program	19
Closing Ceremonies	23
Speakers' Abstract	24
Dr. Sarah Jane L. Datay-Lim PCQACL President National Report	47
PCQACL Activities	52
List of Sponsors	59



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About PCQACL

The Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL) was established in 1999 after the First Asian Colloquium in Jakarta, Indonesia during which the Asian Network for Clinical Laboratory Standardization and Harmonization (ANCLS) was created. PCQACL was registered with the Securities and Exchange Commission with six (6) charter members, namely: **Philippine Society of Pathologists (PSP)**, **Philippine Association of Medical Technologists (PAMET)**, **Philippine Society of Quality in Health Care (PSQua)**, **Philippine College of Hospital Administration (PCHA)**, **Philippine Society of Hematology & Blood Transfusion (PSHBT)** and **Medical Equipment Diagnostic Association of the Philippines (MEDAP)**.

VISION

The PCQACL shall be the leader in promoting Quality Services provided by Clinical Laboratories in the Philippines by means of Training, Education and Research.

MISSION

The PCQACL shall be a dynamic, highly professional organization committed to the promotion of the provision of Quality Services by Clinical Laboratories through Training and Education, Publications and Research in collaboration with government agencies and other health professional organization, national and international.



Republic of the Philippines
DEPARTMENT OF HEALTH

With great appreciation, I congratulate the Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL) on the celebration of their 19th Annual Convention! For 22 years, your organization has proven to give quality service to the Filipinos through purposeful training, education, and research. This celebration truly sets in stone your commitment to selfless service for the country.

The management of emerging diseases such as COVID-19 necessitates efficient clinical laboratory work. With PCQACL, the Department is guaranteed that our clinical laboratories all over the country are equipped with quality assurance. We extend gratitude to the members of the PCQACL for partaking in the technical and public consultations of the DOH - Health Facilities and Services Regulatory Bureau (DOH-HFSRB) in the development of Administrative Order No. 2021-0037 titled “New Rules and Regulations Governing the Regulation of Clinical Laboratories in the Philippines,” ensuring that quality standard is maintained across the country. This further substantiates the crucial role of assessing the quality and accuracy of tests being performed and results being given or provided to the patients.

The Department of Health (DOH) lauds the relentless efforts of the PCQACL in helping ensure that Quality Assurance Programs developed through the DOH-HFSRB are implemented within the establishments. This initiative allows us to have competent health workers and experts in the field and at the same time, keep their well being prioritized. The Universal Health Care embodies an integrated and comprehensive approach of ensuring that all Filipinos are health literate, provided with healthy living conditions, and protected from health hazards and risks. It espouses progressive realization of universal health care for greater efficiency in our healthcare system, towards the provision of equitable access to quality and affordable health care and protection against financial risk at all levels of the Philippine health sector. Thus, the DOH recognises the need for the guided implementation of identified interventions at all levels of the healthcare system to ensure the progressive realization of UHC.

Truly, the organization is on its way to becoming the nation’s leader in promoting the essential healthcare services provided by clinical laboratories nationwide through quality assurance. As we navigate through the new normal, we continue to strive in reaching magnanimous feats. The Department is with you as the organization serves with fervor and commitment. Through continued conduct of training and workshops, the PCQACL supplies the country with salient updates in the field of diagnosis and research and development. May the 19th Annual Convention bring new opportunities for collaboration, and serve as a pillar of motivation and commitment to your members.

Maraming salamat para sa Healthy Pilipinas!

MARIA ROSARIO SINGH-VERGEIRE, MD, MHP, CESO II
Officer-in-Charge, Department of Health





Philippine Council for Quality Assurance in Clinical Laboratories

Once again, we meet each other in the Annual Convention for 2022. This year, the theme **“Redefining Global Challenges into Quality Laboratory Standards”** reflects the current state of our lives right now in the field of laboratory medicine. As a frontliner, after the COVID19 pandemic hit the world a few years ago, I must say that we have learned a lot and we are all constantly trying to find ways to go back to normal. We have adapted and we continued to grow.

However, aside from this pandemic, there are a lot more challenges in our midst right now. Some of these such as the issues on inclusivity, miniaturization, diaspora of healthcare workers and digitalization are featured in this convention. As an organization with the mandate for promoting laboratory quality, we believe that we can ease our burdens and face these hurdles by adhering to quality standards. Through the help of other organizations such as our charter members, international societies, all laboratory professionals, PCQACL officers and members, National Reference Laboratories (NRLs), regulatory bodies, diagnostic companies and other stakeholders, we can definitely work to achieve the highest quality and build our local standards that is at par with the rest of the world. This convention is one step towards that goal. Congratulations to all the organizers of this event, as well as all the people behind PCQACL! My sincerest thanks and appreciation to all of you who have worked hard to bring the vision for this convention to life.

Although the future is uncertain... education, research and exploring these opportunities together will definitely enhance the value of laboratory medicine not just in the Philippines but all over the world. Please continue to support PCQACL and join us as try to build our quality standards that meets the highest global quality expectations. Expect us to be there to help you strengthen education and quality in the field of laboratory medicine.

Mabuhay po tayong lahat!

SARAH JANE L. DATAY-LIM, MD, FPSP
President, Philippine Council for Quality Assurance in Clinical Laboratories

**19th PCQACL
Annual Convention**
September 8-10, 2022

**Redefining Global Challenges
into Quality Laboratory Standard**



Philippine Council for Quality Assurance in Clinical Laboratories

The COVID-19 pandemic has brought a strain on the healthcare professionals. During the initial phase of the disease and during its peaks, frontline health workers suffered the most. Many acquired the disease while being exposed during patient care – some even did not survive the course of the illness. Doctors, nurses, medical technologists and allied health workers suffered a tremendous amount of fatigue. This was mainly due to the patients overflowing in hospitals and staff shortage due to quarantine protocols as preventive measures after being exposed to patients and colleagues. Some even had to quit their job for fear of acquiring the disease and transmitting it to their loved ones. Despite this reality, quality service has to be provided to our patients.

This year's convention theme **“Redefining Global Challenges into Quality Laboratory Standards”** is apt to the current situation in the healthcare profession. With the easing of travel restrictions, clinical laboratories are seeing continued staff shortage due to resignation of personnel to seek better opportunities abroad. This scenario poses a challenge in the operation of the clinical laboratory. Medical technologists have to extend their work hours in order for the laboratory to release timely and reliable results. The laboratory result is vital in monitoring the condition and proper management of patients. In spite of this concerning issue, quality assurance has to be ensured in all aspects of the laboratory workflow.

I fervently believe that the topics included in the conference will impart knowledge and ideas to the participants for them to apply in their daily work practice.

I commend the organizing committee and the Board of Trustees for presenting this 3-day event. May you always continue to promote quality service in clinical laboratories through training, education and research.

Congratulations on your 19th Annual Convention! *Mabuhay!*

ALAN T. KOA, MD, FPSP
President, Philippine Society of Pathologists, Inc.





Philippine Society of Hematology and Blood Transfusion

To the Officers, Trustees and Members of the Philippine Council for Quality Assurance in Clinical Laboratories,

Congratulations in advance on the success of your 19th Annual Convention.

As our partner in the delivery of comprehensive care for our patients with blood disorders, the role of the laboratory in providing accurate and reliable results is essential.

In Medicine, CHANGE is a "CONSTANT". Change that translates to a better understanding of the disease process, sensitive and specific diagnostics, and targeted therapy that brings the closest intent to cure. A change may pose initially a challenge, but it is a driving force to achieve goals.

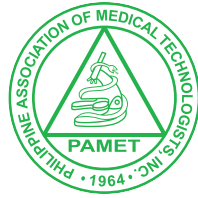
Let's all welcome CHANGE.

We, the officers and members of the Philippine Society of Hematology and Blood Transfusion recognizing the importance of collaborative work reach out to organizations we share common interests. And we project more years of accomplishments.

Keep up the good work!

JESUS A. RELOS, MD, FPCP, FPSHBT, FPCHTM
President, Philippine Society of Hematology and Blood Transfusion





Philippine Association of Medical Technologists, Inc.

On behalf of the Philippine Association of Medical Technologists, I would like to congratulate the PCQACL on your 19th annual convention with the theme, **“Redefining Global Challenges into Quality Laboratory Standards”**.

The PCQACL organization’s forefront and leadership in laboratory standardization and quality assurance have gained the stamp of excellence from the healthcare professional community. The mission of the organization to ensure reliable patient clinical laboratory data through quality laboratory practices at par with the acceptable standards locally and globally has inspired the laboratory professionals to always put their best wherever they are.

Hence, I want to emphasize that accidents and errors are not just a matter of chance. It can be prevented by having a systematic work flow in place...by having a common understanding in the workplace that we must deliver laboratory data in aid of medical diagnosis.

Your organization’s continuous hard work of providing up to date seminars, webinars, and trainings to improve the process and procedures in the clinical and diagnostic laboratories is vital for patient therapeutic and management.

The PAMET fully support PCQACL’s endeavor of upholding international standards in the practice of the clinical laboratory professionals.

Congratulations and more power PCQACL!

ROMMEL F. SACEDA, RMT, MBA
President, Philippine Association of Medical Technologists, Inc.





Philippine College of Hospital Administration

It is an honor to extend my sincerest greetings to the Philippine Council for Quality Assurance in Clinical Laboratories for the implementation of its 19th Annual Convention with the theme “**Redefining Global Challenges into Quality Laboratory Standards**”.

It is indeed, the organization has reached a great momentum in establishing methodologies in uplifting the quality of health care delivery through efficient and reliable laboratory results following international standards.

Since the early 1990’s, the field of Clinical Laboratory has undergone series of rapid and dramatic innovations that enhances medical diagnoses and breakthroughs through accurate tests and services with the use of advance technologies. Such innovations in the use of technology lead to quality standard which is being promoted by the Philippine Council for Quality Assurance in Clinical Laboratories.

As we continuously prevail despite atrocities of the pandemic, fixing curbs to address the global challenges is one step to continued viability and sustainability in the healthcare industry. By institutionalizing Quality Laboratory Standards, it will reinforce value-based healthcare delivery as we move forward.

The Philippine College of Hospital Administrators Inc. stands side-by-side with the Philippine Council for Quality Assurance in Clinical Laboratories in the latter’s pursuit of excellence for the delivery of affordable, safe and quality healthcare services to all Filipinos.

I look forward to the success of PCQACL’s 19th Annual Convention and its future endeavors.

Mabuhay and PCQACL!

MARGARITO D. HERNANDEZ, MD, MHA, FPCOM, FPCGM, FPCHA
President, Philippine College of Hospital Administrators, Inc.





Philippine Council for Quality Assurance in Clinical Laboratories
19TH ANNUAL CONVENTION



It is with great pleasure and honor to welcome all our speakers, guests and delegates to the 19th Annual Convention of the Philippine Council for Quality Assurance in Clinical Laboratories with the theme, **“Redefining Global Challenges into Quality Laboratory Standards”** from September 7 – 10, 2022 at the Crowne Plaza Galleria Manila and through the different online platforms.

As we move forward and continue this journey, let us together redefine our practices and policies brought about by the drastic changes of the pandemic and put it in perspective that will produce and advocate quality laboratory standards.

The organizing committee have prepared an array of interesting topics and invited high-caliber speakers, both local and international that promise to provide learning experiences par excellence and that offer solutions to the challenges we currently face.

Your presence and ever support in this convention is a way of saying that you are one with PCQACL's mission and vision of promoting QUALITY SERVICES even in this difficult and challenging time.

We hope that everyone will make the most out of this convention, enhancing your knowledge and improving your skills that you may bring and offer to your respective institutions.

In behalf of the Executive Officers, Board of Trustees and the Organizing Committee, we thank you and we welcome you all.

To a prosperous and productive 19th Annual Convention.

GERRICK JOSEPH C. DOLOR, RMT
Over-all Chair, 19th PCQACL Annual Convention



PCQACL History

The Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL) is a non-government, non-stock, non-profit organization composed of health professional associations, clinical laboratories, both hospital-based and free standing, and industry partners. The Council consists of representatives of regular, institutional and corporate members. PCQACL vision is to be “the leader in promoting Quality Services provided by Clinical Laboratories in the Philippines by means of Advocacy, Training, education, and Research.” PCQACL is driven by its mission to be “a dynamic, highly professional organization continually committed to the promotion of Quality Services by Clinical Laboratories through Training and education, Publication and Research in collaboration with government agencies and other health professional organizations, national and international.” PCQACL promotes quality assurance in all laboratory and administrative procedures through the training of Clinical Laboratory staff in the implementation of the standards for Quality Management System for Clinical Laboratories.

PCQACL through its Committee on Continuing education and Research conducts annual conventions, symposia, seminars, round table conferences and workshops to equip and enhance the capabilities and competencies of Pathologists, Medical Technologists, and other health professionals. Espousing a multidisciplinary approach in the delivery of quality health care, Clinicians, Hospital administrators, nurses and other allied health professionals have been invited to speak at annual conventions, symposia, round table panel discussions, etc. to contribute their perspective to the topic presented.

Establishment of PCQACL

During the First Asian Colloquium on February 18-20, 1999, at the University of Indonesia School of Medicine in Jakarta, Indonesia, the Asian Network for Clinical Laboratory Standardization and Harmonization (ANCLS) was established. At this time, it was proposed that Asian Quality Assessment Survey

(AQuAS) be created with the Regional Coordinator based in the Republic of Korea. A Filipino, Dr. Tomas P. Maramba, Jr. was elected as Chairman of the ANCLS Steering Committee, later referred to as the President of ANCLS.

As a sequel to the First Asian Colloquium, representatives of the Philippine Society of Pathologists (PSP), Philippine Association of Medical Technologists (PAMeT), the then Bureau of Research Laboratories (BRL, DOH) and Philippine Society for Quality in Health Care (PSQua) met in March 1999 to discuss measures to revive the National external Quality Assessment Program to elevate the quality of clinical laboratory services. The series of meetings led to the establishment of the Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL) with the following charter members: PSP, PAMeT, PSQua, Philippine Society of Hematology and Blood Transfusion (PSHBT), Philippine College of Hospital Administrators (PCHA) and the then Medical equipment

Diagnostics Association of the Philippines (MeDAP). The registration of PCQACL with the Securities and exchange Commission (SeC) was approved on November 15, 2000. Subsequently, the Council invited clinical laboratories, both hospital-based and free-standing as institutional members now numbering about 800. Seven (9) laboratory diagnostic companies have been accepted as corporate members.

The objectives in the establishment of PCQACL are the following:

1. To promote Quality Assurance/ Improvement in Clinical Laboratories, both in the public and private sectors among political and health administrators, health professionals, educators, and other laboratory workers.
2. To conduct continuing professional education programs in Quality Assurance/ Improvement in clinical laboratories in cooperation with health professional associations.
3. To publish a newsletter and other relevant publications on Quality Assurance/ Improvement in Clinical Laboratories.
4. To promote research in the area of quality laboratory services.
5. To collaborate with government agencies and health professional organizations concerned with regulation,



provision, and financing of laboratory services in establishing scientifically sound and practical standards, rules, and procedures in accreditation, quality assurance, performance monitoring, utilization review, technology assessment, outcome evaluation, and related areas.

6. To establish and maintain relationships with appropriate Asian regional and national organizations and international agencies concerned with quality laboratory services such as the World Health Organization, International Federation in Clinical Chemistry, International Council for Standardization in Hematology and National Committee on Clinical Laboratory Standardization (now Clinical and Laboratory Standards Institute).

Organization of the NEQAS in the Philippines

On June 14, 2002, PCQACL launched the National external Quality Assessment Survey (NeEQAS) in a symposium at the Quezon City Sports Club which was attended by Pathologists, Medical Technologists, and Administrators of hospitals. In accordance with its objectives, PCQACL conducted the 1st NeQAS in Hematology undertaken by a Committee chaired by Dr. Januario D. Veloso, Jr. The 1st NeQAS in Clinical Chemistry was conducted by a Committee chaired by Dr. Ariel Vergel de Dios. In subsequent years, PCQACL has conducted several NeQAS as follows: 10 in Hematology, 8 in Clinical Chemistry, 2 in Blood Banking, 3 in Coagulation

DOH Standards for Quality Management System (QMS) for Clinical Laboratories

The Manual of Standards on the Quality Management System for Clinical Laboratories was developed by a Task Force composed of representatives from the Department of Health (DOH), National Reference Laboratories (NRLs), PCQACL, PSP, and PAMeT. Its goal was to assist clinical laboratories in improving the quality of their services by training and implementation of the Standards for QMS. It was envisioned that the Standards for QMS will later be the basis for a National Accreditation Scheme for Clinical Laboratories in the country.

The representatives from PCQACL in the Task Force have actively participated in the formulation of the Standards and Criteria, the Assessment Tools, and Training Manual on Quality Management System for Clinical Laboratories. They have trained Assessors, Trainers, and Facilitators in the Standards, Assessment, and Quality Improvement, and have trained laboratory staff in three NRLs and several laboratories

in the NCR.

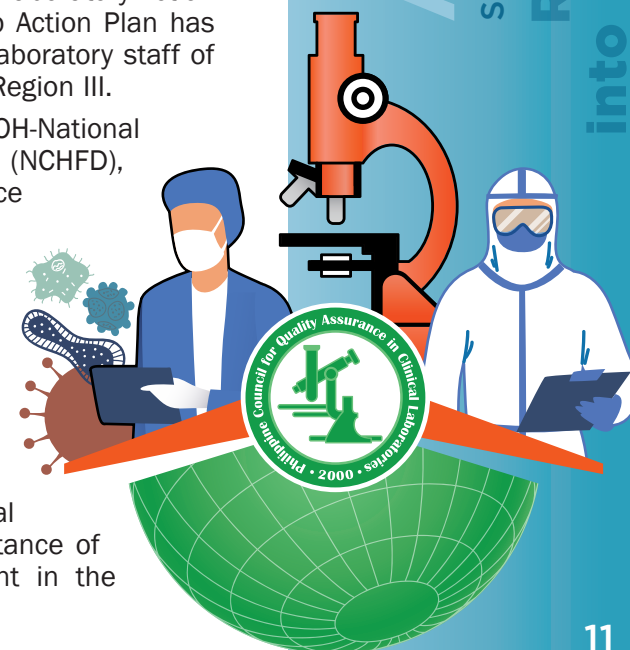
Monograph on PCQACL's Standardization and Harmonization of Complete Blood Count in the Philippines

The monograph on PCQACL's Standardization and Harmonization of Complete Blood Count in the Philippines is the first of a series of monographs embarked on by the PCQACL Committee on Continuing education and Research chaired by Dr. Marissa A. Orillaza. The Committee conducted Round Table Discussion and Consensus Building activities nationwide obtaining inputs from various sectors of the health community in the formulation of the monograph. The CBC monograph was launched on the first day of the PCQACL 8th Annual Convention held on October 26, 2011, at the Crowne Plaza Galleria. PCQACL awarded to C & e Publishing, Inc. the responsibility for the publication and sales of the monograph. It is now available at C & e Bookshops nationwide and at the PCQACL office or its authors.

National Framework and Strategic Plan for National Health Laboratory Network

PCQACL was represented in the Task Force LABNeT which formulated the National Framework and Strategic Plan for National Health Laboratory Network (NHLN) in 2010. It also actively participated in the formulation of the Standards and Criteria, Assessment Tools for the Strategies of the Strategic Plan for NHLN, and Training Manual for the Laboratory Action Plan. Subsequently, the Committee on Lab Action Plan has conducted training in Lab Action Plan for laboratory staff of 25 DOH and LGU hospitals from NCR and Region III.

PCQACL, upon recommendation of the DOH-National Center for Health Facility Development (NCHFD), was tapped as the Technical Assistance (TA) provider and event organizer for the Launching of the National Framework and Strategic Plan for NHLN embodied in DOH Administrative Order No. 2012-0021. The Launch was held successfully on November 9, 2012 at Hotel H20, Luneta, Manila during which top officials of the DOH, representatives of WHO and health professional associations, Directors of Hospitals, Pathologists and Medical Technologists were informed of the importance of quality laboratory services and investment in the clinical laboratories.



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into Quality Laboratory Standard

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into Quality Laboratory Standard



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19th PCQACL Annual Convention

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**Redefining Global Challenges
into Quality Laboratory Standard**



Mr. Gerrick Joseph C. Dolor

Over-all Chair, 19th PCQACL Annual Convention; Member, Committee on Awards, Committee on Socials, Committee on Events, Committee on Games, Committee on Raffles

Organizing Committee



Dr. Sarah Jane L. Datay-Lim

Co-Chair, Committee on Annual Convention, Best Practices Contest; Member, Committee on Events, Committee on Games, Committee on Raffles



Dr. Estela Marie C. Tanchoco

Chair, Committee on Food and Accommodation; Member, Committee on Awards



Dr. Paulo Enrico P. Belen

Chair, Committee on Ways and Means, Committee on Booth & Exhibits; Co-Chair, Committee on Annual Convention; Member, Committee on Best Practices Contest



Dr. Rodelio D. Lim

Chair, Committee on Opening Ceremonies; Member, Committee on Best Practices Contest



Dr. Emil Bryan M. Garcia

Co-Chair, Committee on Annual Convention; Member, Committee on Awards, Committee on Conference Bulletin, Committee on Souvenir Program



Ms. Erlinda C. Pijuan

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Chair, Committee on Scientific Program



Dr. Maximo A. Saavedra, Jr.
Chair, Committee on Registration Program



Dr. Aileen Riego-Javier
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Dr. Edna May Lasap-Go
Chair, Committee on Awards



Dr. Anacleto P. Valdez
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Member, Committee on Technical



Dr. Elizabeth Arcellana-Nuqui
Member, Best Practices Contest



Mr. Rainier Lo
Member, COMELEC Committee



Ms. Laurie Anne M. Reyes
Member, COMELEC Committee



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Member, Committee on Awards



Dr. Ross Bacong
Member, Committee on Conference Bulletin, Committee on Souvenir Program



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Rowena D. Manuel



Rikka Mave M. Loyola



Standing Committee 2022

Committee	Chairman	Co-Chairman/Members
Committee on Membership	Dr. Maximo A. Saavedra, Jr.	Dr. Estela Marie C. Tanchoco Mr. Benzon C. Pisico Ms. Josefina S. Soriano
Committee on Awards	Dr. Edna May Lasap-Go	Dr. Bernadette R. Espiritu
Committee on Continuing Education, Training, and Research (CETR)	Dr. Marissa A. Orillaza	Dr. Sarah Jane Datay-Lim Dr. Elizabeth Arcellana-Nuqui Dr. Paulo Enrico P. Belen Dr. Rodelio D. Lim Ms. Joanna Marie S. Carpio
Committee on Information, Communications and Technology Systems (ICTS)	Mr. Benzon C. Pisico	Mr. Gerrick Joseph C. Dolor Mr. Raymund Nava
Committee on Publications and Public Relations	Dr. Anacleta P. Valdez	Residents of Dr. Valdez Dr. James Peter Aznar Dr. Josefina Soriano
Committee on Advocacy and International Relations	Dr. Elizabeth Arcellana- Nuqui	Ms. Erlinda C.Pijuan Dr. Anacleta P. Valdez Dr. Bernadette R. Espiritu
Committee on Finance	Ms. Erlinda C. Pijuan	Mr. Gerrick Joseph C. Dolor
Committee on By-Laws and Legislation	Dr. Anacleta P. Valdez	Atty. Joyce Ann Mendoza
Committee on Annual Convention	Mr. Gerrick Joseph C. Dolor	Dr. Emil Bryan M. Garcia Dr. Paulo Enrico P. Belen Dr. Sarah Jane Datay-Lim
Committee on Nominations and Elections	Dr. Aileen Riego-Javier	Ms. Erlinda C. Pijuan Dr. Pedrito Tagayuna
Committee on Special Projects / DOH Representative	Dr. Januario D. Veloso	

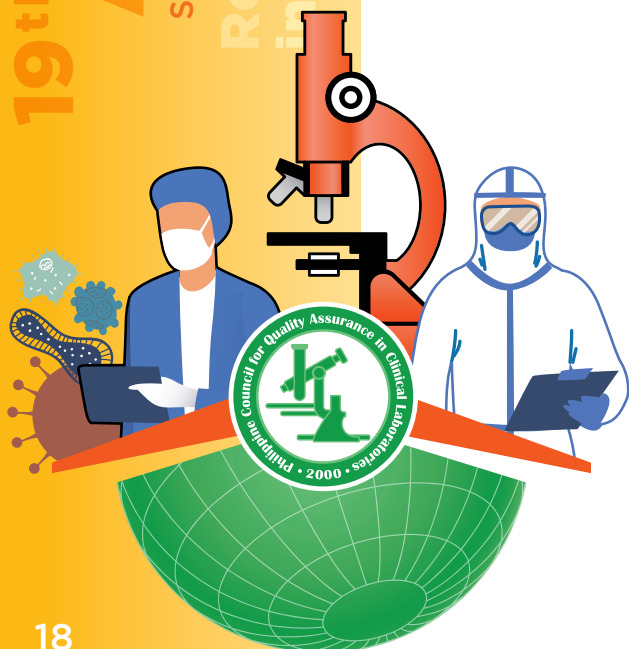


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Redefining Global Challenges
into Quality Laboratory Standard





OPENING CEREMONIES

September 8, 2022 • 9:30 - 10:00 am

- I. Invocation
- II. Pambansang Awit
- III. Welcome Remarks
Mr. Gerrick Joseph DC. Dolor
Over-all Chairman 19th Annual Convention
- IV. Opening of 19th Annual Convention
Dr. Sarah Jane L. Datay-Lim
PCQACL President
- V. Introduction of PCQACL Executive Officers and Board of Trustees
Audio Visual Presentation
- VI. Official PCQACL Organization video launch
- VII. Introduction of Keynote Speaker
Dr. Elizabeth Arcellana-Nuqui
PCQACL Past President,
Chairman on Committee on External Relations
- VIII. Keynote Address
Dr. Ken Sikaris (IFCC VLP)
“Introduction of the Global Reference Intervals Database (GRID) initiative of the IFCC: Understanding impact of age/ gender on reference intervals”
- IX. Presentation of Plaque of Recognition
Dr. Elizabeth Arcellana-Nuqui
- X. Presentation of PCQACL Awards
Dr. Edna May Lasap-Go
Chairman on Awards

Awards for Institutional and Diagnostic Partners

Outstanding Service Awards

Lifetime Achievement Award
- XI. Intermission

PACT promotional video

PCQACL sponsors
- XII. Closing Remarks

Mr. Aeron John Legaspi
Master of Ceremonies

POCT AND CBC

September 7, 2022 • 8:00 am - 5:40 pm • Crowne Plaza Hotel

Morning Sessions		POCT	Moderator: Dr. Anacleta Valdez
8:15 - 9:30 am	OPENING	Invocation and Opening Prayer Opening Remarks	Dr. Sarah Jane L. Datay-Lim PCQACL President
9:30 - 10:30 am	Quality Assurance in POCT: the key to success		Dr. Paulo Enrico Belen
10:30 - 10:45 am	Interactive session 1: Exercises on POCT method evaluation		
10:45 - 11:00 am	BREAK		
11:00 - 11:40 am	Sponsored Lectures		
11:40 - 1:00 pm	LUNCH / VISIT TO THE BOOTHS		

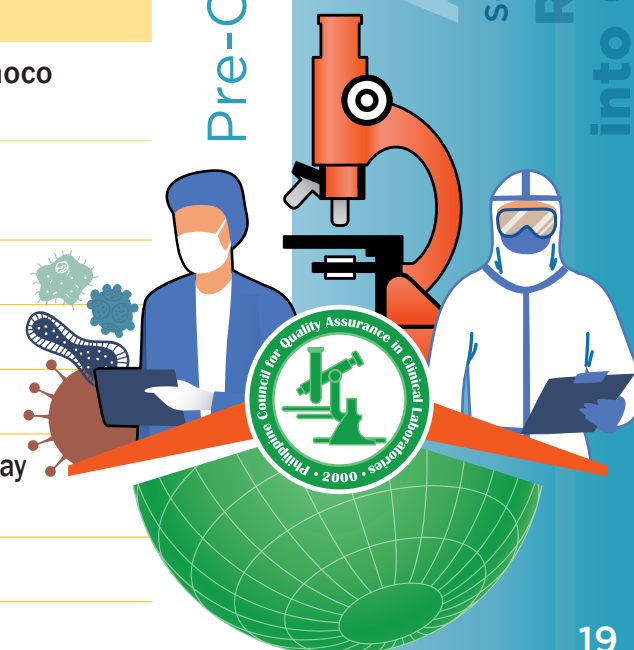
Afternoon Sessions		Moderator: Dr. Louise De Guzman
1:00 - 2:00 pm	Starting a hospital POCT program: management insights	Dr. Estela Marie Tanchoco
2:00 - 3:00 pm	Standardization and harmonization of complete blood count: perspectives from a hematopathologist	Dr. Januario D. Veloso
3:00 - 3:40 pm	BREAK / VISIT TO THE BOOTHS	
3:40 - 4:20 pm	Sponsored Lectures	
4:20 - 5:30 pm	Interactive session 2:Hematology	
	When to do smear review and refer and Interesting CBC histogram correlations	Dr. Rose Lou Marie C. Agbay
5:30 - 5:40 pm	CLOSING	

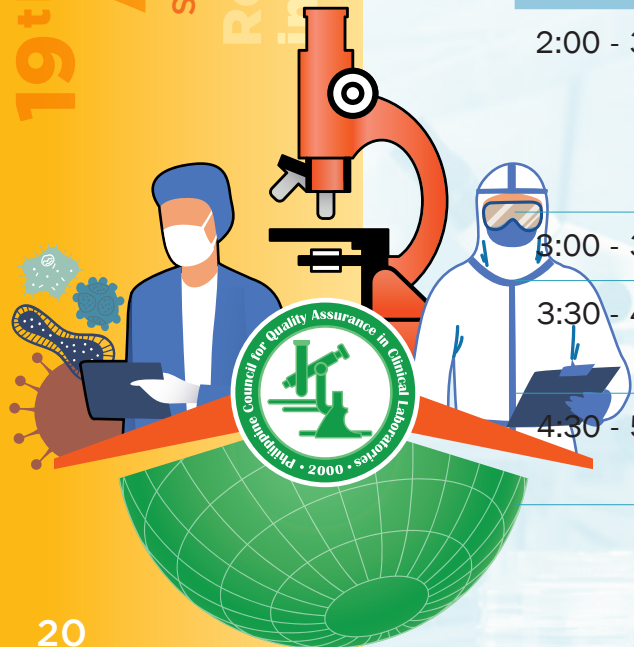
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Redefining Global Challenges
into Quality Laboratory Standard





Day 1 • Thursday

GLOBAL CHALLENGES

September 8, 2022 • 9:00 am - 5:30 pm • Online

Morning Sessions		Opening Ceremonies	Master of Ceremonies: Mr. Aeron John Legaspi
9:00 - 10:30 am	Introduction of the Global Reference Intervals Database (GRID) initiative of the IFCC: “Understanding impact of age/gender on reference intervals” Keynote Speaker: Dr. Ken Sikaris IFCC VLP		
10:30 - 11:00 am	BREAK		
11:00 - 12:00 nn	GLOBAL CHALLENGES: COVID-19 “PGH study on SARS-COV2 antibodies” Speaker: Dr. Regina Berba		Moderator: Dr. Eric H. Ytturalde
12:00 - 1:00 pm	Industry Sponsored Lectures		
Afternoon Sessions			
2:00 - 3:00 pm	GLOBAL CHALLENGES: Inclusivity “New EGFR formula: Removing race from the equation” Speaker: Dr. Robert Tanchanco		Moderator: Dr. Jose Mari Carmelo A. Sangalang
3:00 - 3:30 pm	BREAK		
3:30 - 4:30 pm	“Gender sensitivity in reporting laboratory results” Speaker: Dr. Lizette Lopez		Moderator: Ms. Jacqueline M. Tungol
4:30 - 5:30 pm	Best Practices Contest (LIVE broadcast)		Master of Ceremonies: Ms. Joanna Carpio

Elections open from September 8 to 9, 2022

GLOBAL CHALLENGES

September 9, 2022 • 9:00 am - 5:30 pm • Online

Morning Sessions

9:00 - 11:00 am	NRL HOUR Panel 1: “Role of NRLs in Laboratory Standardization” Speakers: Dr. Amado Tandoc (RITM) Ms. Josefina Soriano (NKTI)	Moderator: Ms. Debbie Sardinia
11:00 - 1:00 pm	Business Meeting	
12:00 - 1:00 pm	Industry Sponsored Lectures	

Afternoon Sessions

1:00 - 2:00 pm	GLOBAL CHALLENGES (LIVE interactive session) 3) Miniaturization “Interactive session: Interesting cases in electrophoresis” Speaker: Mr. Robert G. Manaois	Moderator: Mr. Mark Nava
2:00 - 2:30 pm	“Biofabrication in the Hospital of the Future – a Filipino experience establishing a 3D printing research laboratory” Speaker: Dr. Roland Gilbert G. Remenyi	Moderator: Dr. Carolyn Marie P. Legaspi
2:30 - 3:00 pm	“Updates in Tumor marker analysis” Speaker: Dr. Lyana Setiawan	Moderator: Mr. Mark Albert Benito
3:00 - 3:30 pm	BREAK	
3:30 - 4:00 pm	“Value of Cell Free DNA (cfDNA) in Clinical Testing” Speaker: Dr. Jose Jasper Andal	Moderator: Ms. Angelea Marie R. Cruz
4:00 - 5:00 pm	4) Migration of health care workers Panel 2: “Diaspora on the frontlines: a tale of laboratory professionals” Speakers: Mr. Rommel Saceda , PAMET President Dr. Alan T. Koa , PSP President	Reactor: Atty Josephine Fernandez Moderator: Dr. Maximo Saavedra
5:00 - 5:30 pm	Panel 3: “Caring for healthcare workers: Concept of Total Wellness” Speakers: Ms. Hasmin Miroy , Dr. Christian Flores	Moderator: Dr. Sarah Jane L. Datay-Lim

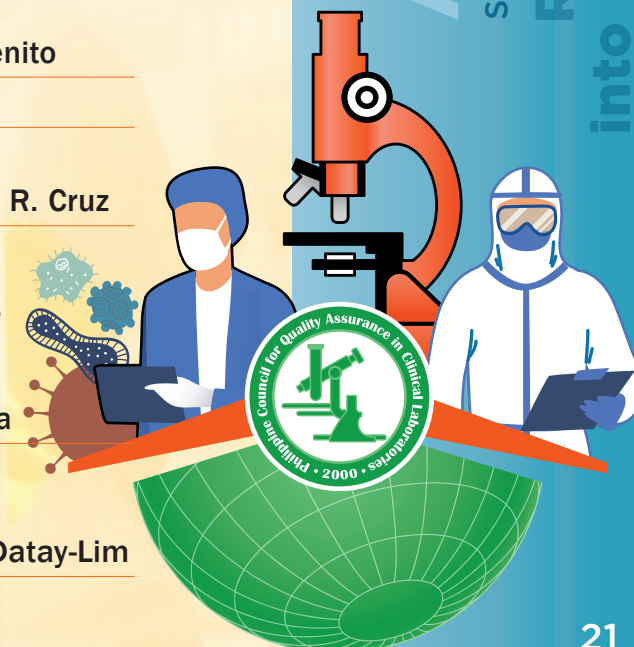
Elections open from September 8 to 9, 2022

Day 2 • Friday

19th PCQAACL
Annual Convention

September 8-10, 2022

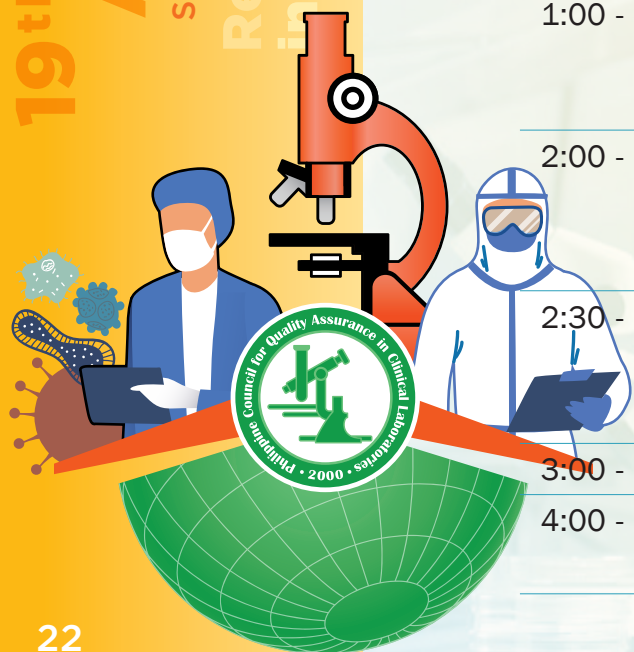
Redefining Global Challenges
into Quality Laboratory Standard



LABORATORY STANDARDIZATION

Sept. 10, 2022 • 9:00 am - 5:30 pm • Online

Morning Sessions		
9:00 - 10:00 am	Panel 4: “Standardization: CBC and PBS” Speakers: Dr. Arvin C. Faundo (CBC) Dr. Andy Arevalo (PBS)	Reactor: Dr. Liza Naranjo (PSHBT) Moderator: Dr. Rose Lou Marie Agbay
10:00 - 10:15 am	BREAK	
10:15 - 11:15 am	Panel 5: “Standardization: Coagulation studies” Speaker: Dr. Rodelio Lim	Reactor: Dr. Domiline Arca (PSHBT) Moderator: Dr. Paulo Enrico P. Belen
11:15 - 12:00 nn	Practical investigation approach for detecting and solving the most common interferences Speaker: Dr. Jose Jara Aguirre, IFCC VLP	Moderator: Dr. Elizabeth Y. Arcellana-Nuqui
12:00 - 1:00 pm	Industry Sponsored Lectures	
Afternoon Sessions		
1:00 - 2:00 pm	“Achieving standardization through quality method validation program” Speaker: Dr. Sarah Jane L. Datay-Lim	Moderator: Dr. Justine Alessandra U. Uy
2:00 - 2:30 pm	“Quality control measures for novel drugs interfering with pre-transfusion compatibility testing (Daratumumab and Anti-CD47)” Speaker: Dr. Martin S. Ongkeko	Moderator: Dr. Jose Inigo M. Remulla
2:30 - 3:00 pm	“What do Data, Analytics and Tech Leaders Need to do to Adapt, Survive and Thrive in 2022 and Beyond” Speaker: Dr. Adrienne Heinrich	Moderator: Dr. Christine Mae Olivar
3:00 - 4:00 pm	ORGANIZATIONAL MEETING/ BREAK	
4:00 - 5:30 pm	CLOSING CEREMONIES Guest of Honor and Speaker: Dr. Minerva Calimag	Master of Ceremonies: Ms. Joyz Valdez



CLOSING CEREMONIES

September 10, 2022 • 4:00 pm - 5:30 pm

- | | |
|---|---|
| I. Invocation | VIDEO invocation |
| II. Opening Remarks | Mr. Gerrick Joseph C. Dolor
Overall Chair, 19th PCQACL Annual Convention |
| III. Introduction of Guest of Honor | Dr. Bernadette R. Espiritu |
| IV. Address of the Guest of Honor | Dr. Maria Minerva P. Calimag
Philippine Medical Association President |
| V. Awarding/Citation for the Guest of Honor | Dr. Sarah Jane L. Datay-Lim
President, PCQACL |
| VI. Announcement of Winners | PCQACL Best practices Contest
Dr. Peter Aznar

Fellowship night winners
Ms. Joanna Carpio

Leadership Award
Dr. Edna Mae Lasap-Go |
| VII. Acceptance speech/ Video of Awardee Lifetime Achievement Award | |
| VIII. Valedictory Address | Dr. Sarah Jane L. Datay-Lim
President, PCQACL |
| IX. Announcement of the Results of the Election | Dr. Aileen Riego-Javier
Chairman, Committee on Nomination Election |
| X. Induction of the 2022 Officers and Board of Trustees | Dr. Maria Minerva P. Calimag
Philippine Medical Association President |
| XI. Ceremonial Turnover of the Key of Responsibilities | Dr. Sarah Jane L. Datay-Lim
President, PCQACL |
| XII. Inaugural Address | Incoming President |
| XIII. Closing Remarks | Dr. Bernadette R. Espiritu
Chairman Closing Ceremonies, PCQACL |
| XIV. Raffle Time | |

Ms. Joyz Valdez
Master of Ceremonies



19th PCQACL
Annual Convention

September 8-10, 2022

Redefining Global Challenges
into Quality Laboratory Standard



Quality Assurance in POCT: the key to success

Paulo Enrico Belen, MD, FPSP

Assistant Head, Clinical Pathology and Laboratory Quality Assurance Officer, St. Lukes Medical Center
Staff Pathologist, Department of Pathology, Perpetual Help Delta Medical Center and Medical Center
Muntinlupa

A graphic for the 19th PCQACL Annual Convention. It features a central green globe with a white grid. Overlaid on the globe is a circular logo for the Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL), established in 2000. The logo contains a stylized microscope and test tubes. To the left of the globe is a blue figure in a lab coat and mask, and to the right is a white figure in a full protective suit and mask. A red banner at the bottom of the globe contains the text "19th PCQACL Annual Convention" and "September 8-10, 2022". The background of the graphic includes a microscope, a DNA helix, and various laboratory icons. The text "Redefining Global Challenges into Quality Laboratory Standard" is written in red, curved letters across the bottom of the graphic.

Starting a hospital POCT program: management insights

Estela Marie C. Tanchoco, MD, FPSP, MBA, REB



President, MCU-FDT Medical Foundation, Inc.
Assistant Professor 3, College of Medicine, MCU-FDTMF

ABSTRACT:

Point of care testing (POCT) delivers rapid critical care test results in close proximity to the patient. When properly incorporated into the patient care process, POCT can translate to faster therapeutic intervention, reduced preanalytical errors, and improved patient care.

Concerns over the quality of results and difficulties in managing the documentation have created challenges to the extensive adoption of POCT in hospitals. Knowledge and experience of implementing POCT program is the key to success of establishment of POCT infrastructure. Success is brought about by a dedicated project lead and team work. POCT implementation requires multidisciplinary, multimodal approach involving all stakeholders. In spite of major improvements in technology, assuring the quality of POCT remains challenging.





Standardization and harmonization of complete blood count: perspectives from a hematopathologist

Januario Antonio D. Veloso, JR., MD, FPSP

Section Head, Hematology Section and Cellular Immunology Section, National Kidney and Transplant Institute, Quezon City

Clinical Associate Professor, Department of Pathology and Internal Medicine (Hematology Section), University of the Philippines, Manila

ABSTRACT:

The purpose of hematological standardization is to obtain precision, accuracy, specificity and harmonization of results between different laboratories in all countries and also between different instruments or methods in the same laboratory. The main purpose for standardization is clinical reliability and harmonization of results for comparability, since effective patient care requires comparable results regardless of which lab or country the patient sample is recorded in, as physicians focus on parameter ranges that indicate disease. This paper will expound on these themes further.



When to do smear review and refer and
Interesting CBC histogram correlations

Rose Lou Marie C. Agbay, MD, FPSP



Consultant Director, Section of Molecular Diagnostics
Hematopathologist, Department of Pathology, The Medical City
Pathologist, Manila HealthTek Inc, Pathologists Diagnostic Center, and Pasig City Children's Hospital

ABSTRACT:

In the era of automated technology, manual differential count and peripheral blood smear review of all cases is becoming less important. This is reserved for those samples identified by the analyser as being suspicious for underlying morphological or cell count abnormalities. However, there are a number of settings in which interpretation of the peripheral smear is especially important. Review of the smear is also an important adjunct to other laboratory tests and clinical data.



KEYNOTE SPEAKER

Introduction of the Global Reference Intervals Database (GRID) initiative of the IFCC: “Understanding impact of age/gender on reference intervals”

Dr. Kenneth Andrew Sikaris



BSc (Hons), MBBS, FRCPA, FAACB, FFSc
Director, Chemical Pathology Department
Melbourne Pathology, Private Bag #5, Collingwood, Victoria, 3084

ABSTRACT:

The most common tool for the interpretation of quantitative laboratory results is the reference interval. It is completely defined on the specificity (typically 95%) of the particular test in a healthy reference population. However, almost every test varies by age and gender and this is recognized when laboratories acknowledge that reference intervals need to be different in children and pregnancy. Without partitioning these various physiological groups, patients may be reported inappropriately as the specificity and the sensitivity of a test will be clinically misleading. The physiological difference between men and women is mainly driven by steroid hormones eg testosterone, estradiol and progesterone, but these also change in adults including relatively rapid changes at menopause as well as more gradual changes such as the fall in DHEAS and testosterone in women and men. It is imperative that laboratories understand these physiological influences on reference limits because they can potentially impact the interpretation of results and the clinical management of patients.



COVID-19: PGH study on SARS-COV2 antibodies
Regina Berba, MD, FPSP

Hospital Infection Control Unit UP-PGH





New EGFR formula: Removing race from the equation

Roberto C. Tanchanco, MD, FPCP, FPSN, MBA

Associate Professor, Ateneo School of Medicine & Public Health
Consultant, Section of Nephrology, Department of Medicine, The Medical City
Past President, Philippine Society of Nephrology
Medical Arts Tower Unit 1004, The Medical City General Hospital, Ortigas Avenue, Pasig City

ABSTRACT:

The burden of Chronic Kidney Disease (CKD) continues to grow both nationally and globally, with CKD ranking as the fourth leading cause of premature death among Filipinos. Estimation of glomerular filtration rate is an essential tool for the identification and classification of chronic kidney disease, with serum creatinine - and serum Cystatin C- as the most widely used endogenous filtration markers, and with the CKD-EPI equations being particularly recommended by the International Society of Nephrology Kidney Disease Improving Global Outcomes (KDIGO) clinical practice guidelines. However, these equations include race as a variable, and the question arose as to whether race is a biologic construct or more of a social construct. In 2021, the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) conducted a study to evaluate the accuracy of existing estimating equations and compared them with new equations that do not use race, and published the CKD-EPI 2021 race free equation based on serum creatinine alone, and on the combination of serum creatinine and Cystatin C. The applicability of these estimating equations to our population is unclear, as estimating equations need to be validated for use in the local population. In this lecture we will address the question of whether the race free CKD EPI 2021 equation should be widely adopted in the Philippine setting.



Gender sensitivity in reporting laboratory results

Lizette Kristine F. Lopez, MD, MPH



Internal Medicine-Endocrinology, Diabetes, and Metabolism
Faculty and Department Supervisor, UST Faculty of Medicine and Surgery, Department of Physiology
Research Coordinator, Dept. of Medicine, The Medical City
Head, Center for Gender Health & Wellness, The Medical City

ABSTRACT:

This lecture is a 45-minute talk which will first clarify and define sexual orientation, gender identity and expression, or SOGIE. We will then discuss the challenges encountered by LGBTQIA persons when availing healthcare services, including laboratory work-up. The talk thereafter proceed with suggestions on how laboratory personnel and laboratory results may become more gender-sensitive and inclusive.





NRL HOUR: Role of NRLs in Laboratory Standardization

Amado Ona Tandoc, III, MD, FPSP

Medical Officer V, Division Chief, Laboratory Research Division, RITM
Chair-DOH Committee on National Reference Laboratories, Technical Working Group for the National Health Laboratory Network, Department of Health

ABSTRACT:

NRLs are mandated to provide confirmatory and specialized laboratory testing, build capacity through training and technology transfer, provide support to regulations through implementation of quality assurance programs and evaluation of diagnostic tests, and do research. This short lecture shall focus on the role that RITM, as the National Reference Laboratory, for Infectious and Tropical Diseases, plays in laboratory standardization in the Philippines. I shall provide a brief background of the work of the NRLs of the Institute and our contribution to the establishment of standards for laboratory facilities, infectious disease testing platforms, quality assurance, and in vitro diagnostic medical devices. Within this context, I shall also touch on the contribution of RITM to the Philippine Health Facility Development Plan, Public Health Laboratory System, and Universal Health Care. Limitations and challenges, solutions and future directions shall round up the lecture.



NRL HOUR: Role of NRLs in Laboratory Standardization

Josefina Soriano, RMT (NKTl)



Chief Medical Technologist, Department of Pathology and Laboratory Medicine
National Kidney and Transplant Institute

ABSTRACT:

The National Kidney and Transplant Institute (NKTl) is designated by the Department of Health (DOH) as the National Reference Laboratory (NRL) for the following:

1. Hematology
2. Immunohematology
3. Urinalysis
4. Anatomic Pathology for Renal Diseases and other Unassigned Organ Systems
5. Cellular-Based Product testing

The mandated functions include the provision of Quality Assurance Programs (QAPs) as well as training of laboratory personnel in this assigned laboratory discipline. The NKTl-NRL for Hematology has been conducting an annual National External Quality Assessment Scheme (NEQAS) in Blood Count for all licensed clinical laboratories nationwide since 2008. The program is purely educational in nature and is by no means punitive, encouraging laboratories to utilize their NEQAS results as a quality improvement tool. For the training mandate, the NKTl-NRL has been offering Hematology, Immunohematology and Histopathology training programs on-site at the NKTl laboratory facility for interested personnel. Likewise, the NKTl-NRL has been conducting seminar-workshops and online lectures nationwide. In this presentation, key updates on the conduct of NEQAS for Hematology and training activities by the NKTl NRL will be discussed.





Interactive session: Interesting cases in electrophoresis

Robert G. Manaois, RMT, MBA

ABSTRACT:

The Capillary Electrophoresis makes use of a high-voltage protein separation of the different hemoglobin components allowing it to accurately detect not only thalassemia and hemoglobinopathies but also the HbA1c measurement. HbA1c is a measure of hemoglobin glycation and reflects glycemia for the past four months.

However, the challenges in HbA1c 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 HbA1c 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 HbA1c 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 interference¹.

This lecture discusses interesting cases of comparative results of HbA1c and hemoglobin. It will specifically discuss the power and benefit of the capillary electrophoresis (CE) as a principle in measuring HbA1c that could provide solutions for analytical and biological issues encountered in the clinical laboratories.

The specific objectives of the lecture are to:

- (1) highlight the analytical and biological interferences that could affect the reliability of HbA1c 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 HbA1c methodologies; and
- (3) demonstrate the benefit and advantage of the capillary electrophoresis (CE) being an excellent methodology through the powerful separation of proteins for HbA1c testing.



Biofabrication in the Hospital of the Future - a Filipino experience establishing a 3D printing research laboratory

Roland Gilbert G. Remenyi, PhD



Head of Biomedical Research Unit
Clinical and Translational Institute, The Medical City

ABSTRACT:

Although biofabrication, 3D printing, and bioprinting are still in their early stages in terms of medical applications, they represent transformative technologies that are key to a forward-thinking vision of the “Hospital of The Future”. Worldwide, the healthcare sector is innovating and adopting these technologies for clinical applications that range from anatomical models to regenerative constructs and devices. In this presentation, I will share our experience in establishing a small 3D-printing biofabrication laboratory at a private, tertiary hospital in the Philippines. I will touch on infrastructure requirements, equipment choices, challenges, and potential pitfalls encountered along our journey. I will also discuss our initial goal of producing tissue-engineered structures for disease modeling and drug discovery. Moving forward, we believe that a hospital-based research program in 3D printing and bioprinting will allow the institution to keep pace with an increased demand for personalized medicine, precision therapeutics, and patient-specific, rather than “one-size-fits-all” therapies.”





Updates in Tumor marker analysis

Dr. Lyana Setiawan

Central Committee Member, Indonesian Society of Clinical Pathology and Laboratory Medicine; Indonesia Association of Clinical Chemistry

ABSTRACT:

Tumor markers are substances present in, or produced by, a tumor itself or produced by host in response to a tumor that can be used to differentiate a tumor from normal tissue or to determine the presence of a tumor based on measurements in blood or secretions. The term tumor marker nowadays encompasses not only the serologic markers, but also molecular markers such as RNAs and DNAs. Tumor markers can be used to identify subjects at risk of developing malignancy, for screening and early detection of cancer, to aid in diagnosis of cancer, assessment of prognosis and monitoring systemic therapy and relapse.

There are currently many tumor markers available. The most commonly used tumor markers are CEA, AFP, CA 19-9 for liver and gastrointestinal tumors, CA 15-3 for breast cancer, CA 125 and HE-4 for ovarian cancer, PSA for prostate cancer, and NSE and Cyfra 21-1 for lung cancer. Use of combination in clinical practice are common in Indonesia, and may improve sensitivity in detecting cancer.

Despite being available in market and widely used in the clinical service, tumor markers have several limitations and interpretation must be made with these limitations in mind. No serum marker in current use is specific for malignancy or has absolute organ specificity. Changes in levels over time are likely to be more clinically useful than absolute levels at one point in time.



Value of Cell Free DNA (cfDNA) in Clinical Testing

Jose Jasper Luna Andal, MD, DPSP



Molecular Pathologist
St. Luke's Medical Centers – Global City and Quezon City

ABSTRACT:

The sensitive detection of cell free DNA in peripheral blood samples has proven to be useful in selected clinical settings. The applications range from non-invasive prenatal testing (NIPT) to screen for specific chromosomal fetal disorders, to oncology, where cfDNA shed by tumors can help guide targeted treatment in patients who are not amenable for a tissue biopsy. This lecture will discuss the clinical applications and limitations of cfDNA testing, including technical and biologic factors that can affect the test.





Diaspora on the frontlines: a tale of laboratory professionals
Rommel F. Saceda, RMT, MBA

PAMET National President



Alan T. Koa, MD, FPSP

PSP President

Department of Pathology, VRP Medical Center,

ABSTRACT:

The short discussion will focus on the impact of diaspora of the medical technology staff in the operations of the clinical laboratory.

Philippine Council for Quality Assurance in Clinical Laboratories • 2000

19th PCQACL Annual Convention
September 8-10, 2022

Redefining Global Challenges into Quality Laboratory Standard

Caring for healthcare workers: Concept of Total Wellness

Hasmin C. Miroy, RMT, CLC



Vice President for Marketing at Lifeline Diagnostics Supplies
Creator of Life's Labyrinth Coaching Community

ABSTRACT:

Mental Health challenges are rising in this pandemic, and no one is exempted, including health workers. Learning ways how to manage your mental wellness helps not only for you to cope with the present difficulties but for you to thrive as well.

Most potential mental health problems will not become mental health problems if we respond to them early; thus, awareness, prevention, and timely intervention in circumstances that put a person at a psychological risk are essential.

One way to care for your mental wellness is by Building a Culture of Wellness. In today's situation, it is advantageous if we learn the different mindsets that affect the sanity of health workers, understand the hacks on how to manage and prevent them and build a successful path towards total wellness.



Christian Javier Flores,
MD, FPCP, DIPBLM

Certified Executive/Leadership Coach





Standardization: CBC and PBS

Arvin C. Faundo, MD, FPSP

Head, Section of Clinical Chemistry, St. Luke's Medical Center, Global City

Head, Section of Hematology, Asian Hospital and Medical Center

Head, Section of Immunology, The Medical City

ABSTRACT:

The complete blood count (CBC) is arguably the most common laboratory test performed in any primary, secondary or tertiary laboratory. As such, it is imperative that laboratories adopt a systematic approach in all phases of the testing process (pre-examination, examination, post-examination). The Philippine Council for Quality Assurance in Clinical Laboratories released a monograph on "Standardization and Harmonization of CBC in the Philippines" back in 2012. Based on constructive feedback from stakeholders, a review of common problems in the pre-examination phase will be discussed with proposed solutions befitting the local practice. New test parameters for the different blood elements also require updated guidance in test performance. The importance of the post-examination phase will be emphasized in the context of critical value reporting and laboratory information systems. Numerous changes and advancements have taken place over the last ten years. Thus, it is timely that fresh discussions be made among the laboratorians and clinicians for the upcoming second edition of this monograph.



Standardization: CBC and PBS
Alejandro E. Arevalo, MD, FPSP



Hematopathologist, UST Hospital, St. Luke's Medical Center, Makati Medical Center, Cardinal Santos Medical Center, The Medical City, Rizal Medical Center and MCU

ABSTRACT:

The sensitive detection of cell free DNA in peripheral blood samples has proven to be useful in selected clinical settings. The applications range from non-invasive prenatal testing (NIPT) to screen for specific chromosomal fetal disorders, to oncology, where cfDNA shed by tumors can help guide targeted treatment in patients who are not amenable for a tissue biopsy. This lecture will discuss the clinical applications and limitations of cfDNA testing, including technical and biologic factors that can affect the test.





Standardization: Coagulation Studies

Rodelio D. Lim, MD, FPSP

Board of Trustee, Philippine Council for Quality Assurance in Clinical Laboratories Inc.
Residency Training Officer in Clinical Pathology
Chief, Section of Blood Bank and Transfusion Service, St. Luke's Medical Center- Global City
Vice Chairman for Internal Affairs Quality Improvement, Department of Pathology, University of Sto. Tomas Hospital

ABSTRACT:

One of the most significant goals in the practice of laboratory medicine is that laboratory tests should be standardized and the test results should be independent of the laboratory which performed it. Routine measurement procedures that are traceable to a reference standard are expected to produce numerical values that are comparable regardless of time, place, or laboratory which generated the result.

Standardization of laboratory tests is key to providing accurate and reliable results for optimal patient care. As this is true for routine laboratory tests, it should also be true for coagulation studies. It is unfortunate that for coagulation tests, the sources of variability that occur between laboratories remains incompletely understood.

The variability of coagulation parameters between laboratories is substantial despite state-of-the-art coagulometers and reagents. There has not been a general standardization policy within this particular field. Despite some national efforts in developed countries, a comprehensive international standardization system has only succeeded for Prothrombin Time, in which the results are now expressed in terms of International Normalized Ratio (INR).

With the other coagulation tests not having any form of standardization, application of quality practice still continues, through published international guidelines albeit minimal. The dictum of always follow manufacturers recommendations continues to be practiced in this field and has somehow alleviated the lack of standardization, especially in producing clinically acceptable and correlated laboratory results.



Practical investigation approach for detecting and solving the most common interferences

Jose C. Jara Aguirre, MD (DABP),
FAACC, FASCP, FCAP



Director of Clinical Chemistry and Point of Care Testing, Department of Pathology,
Children's National Medical Center, Washington, DC

CLIA Medical Laboratory Director, United Medical Center, Washington, DC

Assistant Professor, George Washington University and Universidad Peruana Cayetano Heredia, Peru

ABSTRACT:

During this session Exogenous and endogenous interferences will be discussed and how they can impact the accuracy of patient results including some specific troubleshooting approaches and clinical interpretation. We will use a clinical case presentation approach to review the most common interferences in a clinical chemistry laboratory to understand how they can negatively impact highthroughput chemistry assays. We will also discuss potential strategies and alternative approaches to mitigate these interferences.





Achieving standardization through quality method validation program

Sarah Jane L. Datay-Lim, MD, FPSP

President, Philippine Council for Quality Assurance in Clinical Laboratories
Quality and Safety Consultant Director and POCT Committee Chair, The Medical City
Pathologist, Manila Med, The Medical City Clark and Clinics, and Pasig City Children's Hospital
Faculty Member, San Beda College of Medicine and Ateneo School of Medicine and Public Health

ABSTRACT:

In order to assess the quality, reliability and accuracy of test results, it is important that laboratories should validate the equipment and method that they are going to use in their practice. With the increasing number of technologies available and being developed, it is a challenge when we have to choose a certain equipment or platform. We would also like to know if it will fit our quality goals and standards. A good method validation program or policy in the laboratory will definitely help in achieving standardization. Aside from the fact that international accreditation bodies recommend this, it will definitely give us more confidence that we are releasing quality results. The objectives of this lecture are: 1) To share the importance of method validation in the laboratory; 2) To discuss the role of method validation in laboratory standardization; 3) To share best practices in method validation.



Quality control measures for novel drugs interfering with pre-transfusion compatibility testing (Daratumumab and Anti-CD47)

Martin S. Ongkeko, MD, FCAP, DPSP



Pathologist, Philippine Blood Center, VRP Medical Center and Our Lady of Lourdes Hospital

ABSTRACT:

During this session, novel oncologic monoclonal therapies (anti-CD38/daratumumab and anti-CD47) and the interferences caused by these agents in pretransfusion compatibility testing will be discussed. The interference in serologic tests, how it affects the safe and timely provision of compatible blood products and how to resolve these interferences will similarly be discussed. The novel oncologic monoclonal therapies (anti-CD38/daratumumab and anti-CD47) will be discussed and contrasted. A clinical case presentation will be utilized to exhibit interferences in routine blood bank testing and techniques to abrogate these interferences will be described. Recommendations on procedures and policies to prevent lengthy immunohematology workup to resolve these interferences will be discussed.





What do Data, Analytics and Tech Leaders Need to do to Adapt, Survive and Thrive in 2022 and Beyond

Adrienne Heinrich, PhD

Head, AI and Innovation Center of Excellence, Union Bank of the Philippines and Aboitiz Data Innovation
Innovation Management Lead, Aboitiz Equity Ventures

ABSTRACT:

Data has grown to an immensely valuable asset in the 21st century which is greatly leveraged by AI technologies. Artificial Intelligence (AI) is a horizontal technology that enables and empowers us to unlock new potential and opportunities across industries. In this talk, we will be discussing the power of AI. In order to become successful with AI, a value-driven approach is needed where the user stands at the center. We will be touching on necessary building blocks to build an effective AI solution and close the talk with how today's AI gap can be closed within an organization.





Philippine Council for Quality Assurance in Clinical Laboratories

NATIONAL REPORT

Dr. Sarah Jane L. Datay-Lim
PCQACL President



EDUCATIONAL ACTIVITIES

Back in 2021, we launched the free online webinars dubbed as “**P.O.W.E.R.**” which stands for “**PCQACL Online Webinar Educational seRies**”, aimed to adapt to the challenges of the pandemic and support laboratory professionals by providing free continuing medical education and updates. The online platform was integrated into the revamped and improved website, with automatic certificate generation and provision of the CPD points needed by professionals for their license renewal. It was made possible through partnership with diagnostic companies who shared PCQACL’s vision of providing free quality education in the time of pandemic. From four episodes in 2021, the series will be finishing off with six episodes until the end of the year (POWER 5 to 10) covering timely and relevant topics in laboratory medicine. The 2022 series started last April, successfully garnering more than 1000+ participants each episode.



POWER (PCQACL free Online Webinar seRies) 5 to 8 episodes.

L to R (POWER 5- Philippines’ cell morphology day with Sysmex, April 21, 2022; POWER6- Transitioning into the new normal with JARC group, May 31, 2022; POWER7- Taking a leap towards urinalysis standardization and quality improvement with Mindray, June 30, 2022; POWER8 - Philippines in the battle against Tuberculosis with Labmate, August 25, 2022)

PCQACL Academy online Certificate and Training program or P.A.C.T. on the other hand is another online educational tool available in our website that provides a more in-depth training for laboratory professionals. Speakers are experts in the field and enrollees can learn at their own pace and convenience using their devices, with the certificate given to those who will pass the final exam. It is designed to improve competencies, knowledge and skills of laboratory professionals and bridge the gap in trainings during the pandemic and beyond. See Image 2 for the PACT courses.

There was also collaboration with diagnostic companies in terms of supporting their scientific activities such as webinars especially in assistance for CPD points for laboratory professionals. Collaborations with Sysmex for 2022 are as follows: Using Expanded CBC Parameters in Clinical Practice: Quick and Relevant Lab Data (March 3, 2022); Routine and regular testing to avert and early detect heart disease (March 11, 2022); North



PACT (PCQACL Academy online Certificate and Training program) course offerings.

L to R: Peripheral Blood Smear training: Standardization, Updates and Morphology Review launched last year and Point of Care Testing Certificate program new offering for 2022)

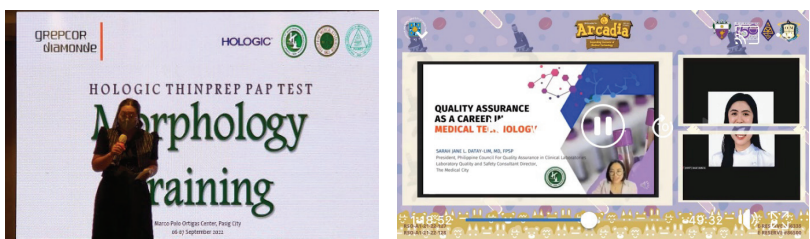


National Capital Region Sysmex User's Group Meeting 2022





National Capital Region Sysmex User's Group Meeting 2022 (July 20, 2022) at Hilton Manila

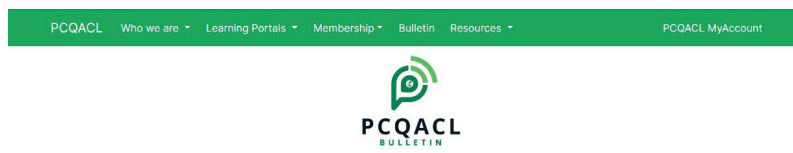


L - Collaboration with Grepcore on Cytology Morphology Training September 6, 2022 at Marco Polo Hotel; R - Participation in UST OMTI webinar ARCADIA March 16, 2022 online

Luzon Sysmex User's Group meeting 2022 (June 15, 2022); National Capital Region Sysmex User's Group Meeting 2022 (July 20, 2022); and The Interconnection between the Heart-Kidney-Diabetes and Anemia from Pathophysiology to Management (August 5, 2022).

WEBSITE IMPROVEMENTS

The Information Communication and Technology Systems (ICTS) Committee in partnership with Progressive Productivity Solutions (PPS) improved the look, functionality and information on the

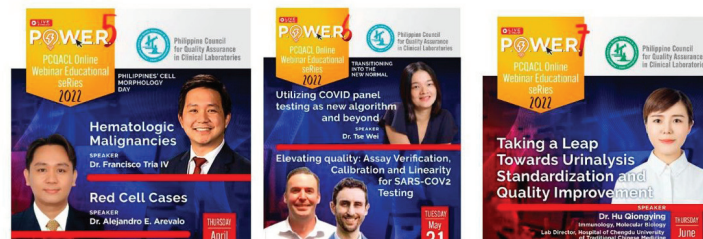


Powerful free webinars from PCQACL's POWER series

18 July 2022

Share 50

Last year, one of the successful projects of PCQACL was the launch of PCQACL Academy Online Webinar Series or P.O.W.E.R. which aimed to provide free continuing medical education in the field of laboratory medicine. This year, POWER continued to do this through the help of industry partners. Here's a recap of the 2022 series:



PCQACL Bulletin featuring updates on organization activities, news and announcements in the field of laboratory medicine.

PCQACL website: www.pcqacl.org. Aside from consolidation and hosting of the online educational programs and membership management, the new section of the website features PCQACL Bulletin which aims to give not just updates about the organization activities but also features laboratory medicine news and important developments or announcements. Contributions come from members and everything is also synchronized with our social media account. See Figure 3 for PCQACL Bulletin.

MEETINGS

Monthly board meetings continued this year starting January 2022, mostly virtually done due to the unpredictable COVID-19 situation and other threats of emerging infectious diseases here in the Philippines. Among the projects developed aside from POWER, PACT and the annual convention are the following: launching of Research project PCQACL P.A.S.S.I.O.N. "Philippine





PCQACL's first face to face board meeting and photoshoot for annual convention held at Sofitel, Manila.

laboratory Advancements through Survey and reSearch for Improvement and innovatiONs“ (first project is about Philippines’ laboratory quality indicators), update of CBC standardization monograph (2nd edition) in collaboration with hematologists through their society, Philippine Society of Hematology and Blood Transfusion (PSHBT) and planning for urinalysis standardization monograph. Last June 18, 2022, with the significant drop in the number of cases and lifting of restrictions, we had our first face to face board meeting for the annual convention organizational meeting and photoshoot at Sofitel, Manila.

PROMOTING LABORATORY QUALITY

PCQACL supported this year’s Med Expo 2022 at SMX Convention Center in Pasay City, MOA from August 24-26, 2022. It was a well-attended event with different



Photos from the Medical Expo 2022 event



Promotional materials prepared by PCQACL



exhibitors. We were able to promote laboratory quality during the event, give participants idea about us and what are the different activities we offer.

PASSION RESEARCH PROJECT ONGOING

PCQACL P.A.S.S.I.O.N. stands for: Philippine laboratory Advancements through Survey and reSearch for Improvement and innovatiONs. This year's research is entitled: "Evaluation on the use of quality indicators among clinical laboratories in the Philippines: a PCQACL PASSION study for quality improvement"



General Objective: Evaluate clinical pathology quality indicators use and practices in Philippine laboratories.

Objectives:

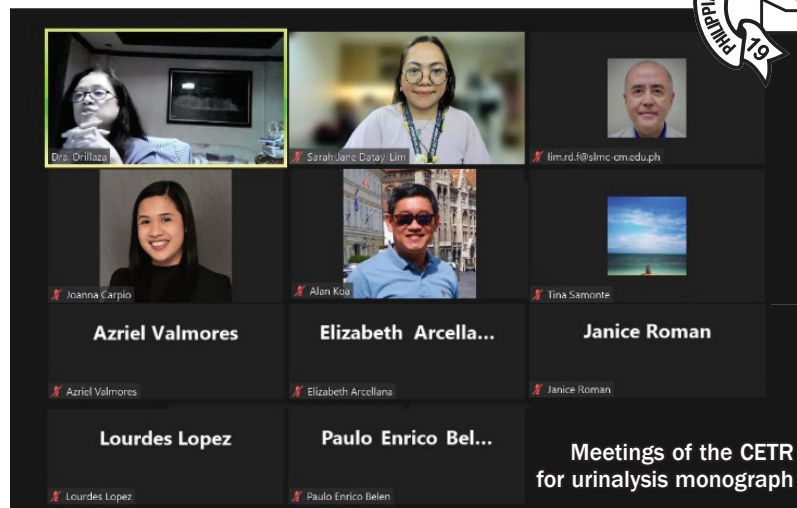
1. Know how many laboratories monitor or use quality indicators in practice.
2. Determine what are the quality indicators measured or monitored.
3. Establish benchmark for quality indicators among Philippine laboratories.

STRENGTHENING PARTNERSHIPS FOR CONTINUING MEDICAL EDUCATION

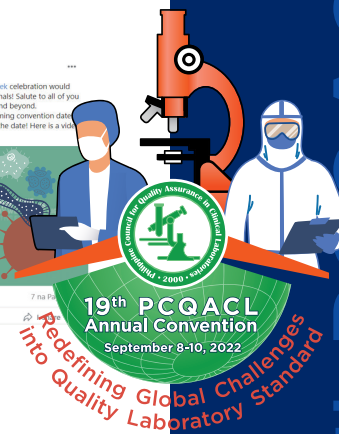


COLLABORATIONS FOR MONOGRAPH ON STANDARDIZATION

In the pipeline are the following: Urinalysis Monograph and update on the CBC Monograph in collaboration with Philippine Society for Hematology and Blood Transfusion (PSHBT).



INTERNATIONAL RELATIONS





ANNUAL CONVENTION

For this year, we will be having hybrid pre-convention (face to face and virtual) and a full virtual Annual Convention. It shall be held this September 7-10, 2022 with the theme: “Redefining Global Challenges into Quality Laboratory Standards”.

19th PCQACL Annual Convention

September 7-10, 2022

Redefining Global Challenges into Quality Laboratory Standards

2nd Announcement

REGISTRATION	Pre-Convention (On-site) September 7, 2022		Main Convention (Virtual) September 8-10, 2022	
	Member Institution	Non-Member Institution	Member Institution	Non-Member Institution
Early Registration until July 25, 2022	₱ 2,500	₱ 3,000	₱ 800	₱ 1,000
	₱ 500 (Virtual)	₱ 800		
Regular Registration until August 31, 2022	₱ 2,800	₱ 3,500	₱ 1,000	₱ 1,500

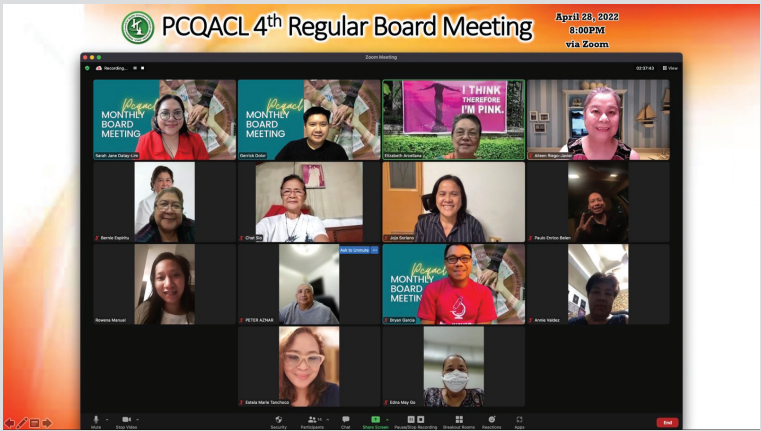


<https://pcqacl.org>

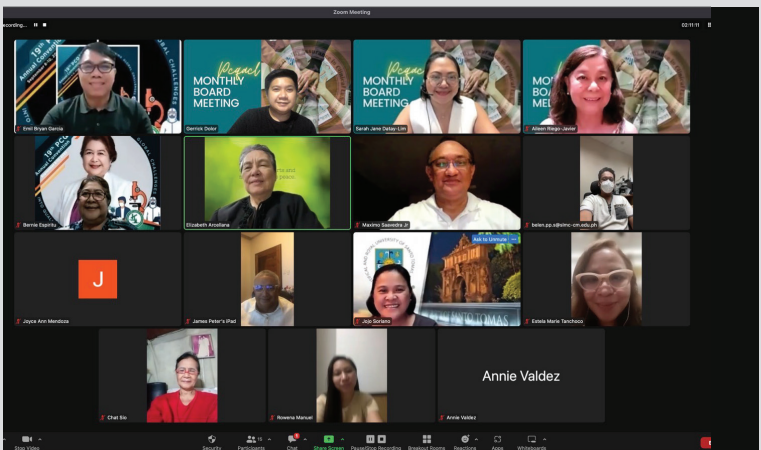
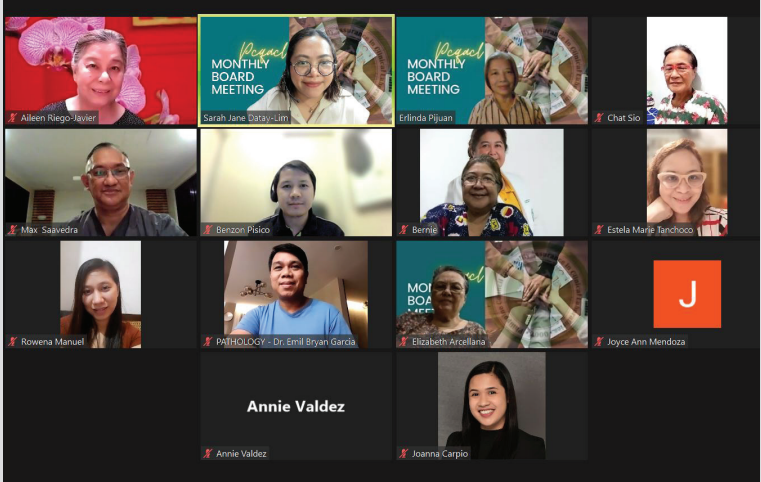
Announcement PCQACL Annual Convention.

2022 Board Meetings





PCQACL 5th Regular Board Meeting
 May 19, 2022 • 8:00 pm • via Zoom App



PCQACL 8th Regular Board Meeting
 August 27, 2022 • 8:00 pm
 via Zoom App

POWER

POWER 5
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
PHILIPPINES' CELL MORPHOLOGY DAY

Hematologic Malignancies
SPEAKER
Dr. Francisco Tria IV

Red Cell Cases
SPEAKER
Dr. Alejandro E. Arevalo

THURSDAY
April 21 2022
7 pm

MODERATOR
Edna Mae Lasap-Go, MD, FSP
Board of Trustees
PCQA
Master of Ceremonies
Josefina Soriano, RMT

FREE PRC CPD points applied

IN PARTNERSHIP WITH
SYSMEX CELLAVISION

POWER 6
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
TRANSITIONING INTO THE NEW NORMAL

Utilizing COVID panel testing as new algorithm and beyond
SPEAKER
Dr. Tse Wei

Elevating quality: Assay Verification, Calibration and Linearity for SARS-COV2 Testing
SPEAKERS
Dr. Eric Morreale
Mr. Christopher Gotreau

TUESDAY
May 31 2022
7 pm

MODERATOR
Mr. Benzon C. Pisco
Dr. James Peter S. Aznar
Board of Trustees
PCQA
Master of Ceremonies
Ms. Debbie Ann Sardinia

FREE PRC CPD points applied

IN PARTNERSHIP WITH
JABC Group of Companies' Affiliates
MEDTEK MAN MDX

POWER 7
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES

Taking a Leap Towards Urinalysis Standardization and Quality Improvement
SPEAKER
Dr. Hu Qiongying

THURSDAY
June 30 2022
7 pm

MODERATOR
Bernadette R. Espiritu, MD, FSP
Board of Trustees
PCQA
Master of Ceremonies
Boylun A. Cezar, RMT

FREE PRC CPD points applied

IN PARTNERSHIP WITH
mindray

POWER 8
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
PHILIPPINES IN THE BATTLE AGAINST TUBERCULOSIS

Challenges and updates in TB Diagnostics
SPEAKER
Lara Mae A. Angeles, MD, FSP
Pathologist-in-charge, Microbiology Unit
Veterans Memorial Medical Center (VMMC)
PCQA

THURSDAY
Aug. 25 2022
7 pm

MODERATOR
Gerrick Joseph C. Dolor, RMT
Board of Trustees
PCQA
Master of Ceremonies
Aeron John Legaspi, RMT

FREE PRC CPD points applied

IN PARTNERSHIP WITH
Labmate

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES (PCQA) IN PARTNERSHIP WITH

sysmex CELLAVISION

Lighting the way with diagnostics

POWER 7
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES

Taking a leap towards urinalysis standardization and quality improvement
Department of Laboratory Medicine, Hospital of Chengde University of Traditional Chinese Medicine, Chengde, China
Qiongling Hu, PhD, MD

THURSDAY
June 30 2022
7 pm

IN PARTNERSHIP WITH
mindray

POWER 6
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
TRANSITIONING INTO THE NEW NORMAL

TUESDAY
May 31 2022
7 pm

MODERATOR
Edna Mae Lasap-Go, MD, FSP
Board of Trustees
PCQA
Master of Ceremonies
Josefina Soriano, RMT

FREE PRC CPD points applied

IN PARTNERSHIP WITH
JABC Group of Companies' Affiliates
MEDTEK MAN MDX

POWER 5
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
TRANSITIONING INTO THE NEW NORMAL

TUESDAY
May 31 2022
7 pm

MODERATOR
Mr. Benzon Pisco

IN PARTNERSHIP WITH
JABC Group of Companies' Affiliates
MEDTEK MAN MDX

POWER 6
PCQA Online Webinar Educational Series 2022

PHILIPPINE COUNCIL FOR QUALITY ASSURANCE IN CLINICAL LABORATORIES
TRANSITIONING INTO THE NEW NORMAL

TUESDAY
May 31 2022
7 pm

MODERATOR
Mr. Benzon Pisco

IN PARTNERSHIP WITH
JABC Group of Companies' Affiliates
MEDTEK MAN MDX

BEHIND THE SCENES AT SOFITEL



Redefining Global Challenges into Quality Laboratory Standard

Publications Committee in Action



19th PCQACL Annual Convention

September 8-10, 2022

Redefining Global Challenges into Quality Laboratory Standard



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VITALINE HEALTHCARE INC.

MAIN CONVENTION

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Lunch Symposia

ROCHE PHILIPPINES
SIEMENS HEALTHINEERS



PCQACL 2022