



Hong Kong Association of Medical Laboratories Ltd Annual General Meeting & Scientific Meeting 2017



Major Sponsor :



Date :

25th May 2017 (Thursday)

Venue :

Shantung Room and Shanghai Room I&II
Level 8, Cordis Hotel, 555 Shanghai Street,
Mongkok, Kowloon

Ortho Clinical Diagnostics

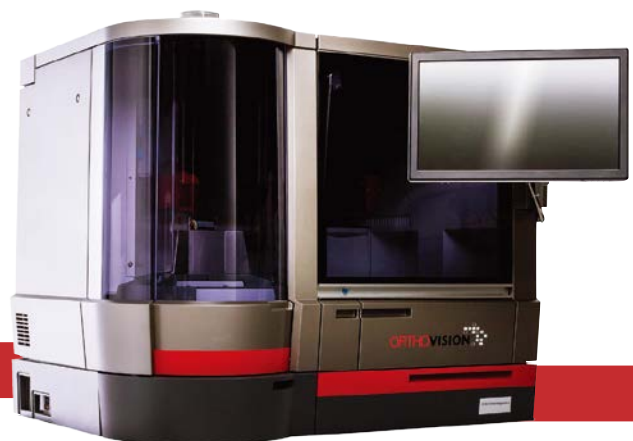
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Chairman's Message

各位親愛的會員，

感謝各位會員的多年支持，放眼未來五至十年內，醫務檢驗服務的需求應會持續增長，而挑戰却可能來自人力資源不足這一窘境，這不單影響到私營市場，而在公營市場亦開始受壓。

香港醫務化驗所總會一直代表業界的利益而發聲，希望本會在未來能做得更好。

工作概況

1. 與業界的溝通方面，在上一年度舉辦兩次交流對話的晚聚，匯報了一些較新或較重要的行業發展及了解業界在日常運作中所面對的困難。今年本會特別送出由同業編著相關化驗新技術參考書籍給會員，以表達對傑出的同業的欣賞及支持！同時今年本會亦再次協辦香港的“醫務化驗專業人員週”，除了一系列的活動，亦包括在活動期間向會員化驗所贈送蛋糕，希望各位能積極參與有關活動及好好享受一個屬於大家的節日。
2. 繼續參與醫務化驗師管理委員會日常運作，對管理業界的現在和未來、以私營化驗所營運及整個檢驗界的發展為目標，爭取及表達業內意見，在此對參與工作的同業致以最衷心的謝意。
3. 透過參與“醫健通 eHR”的個別工作組，表達了會員對有關發展的關注，在會議中指出在私營化驗所面對發展“醫健通 eHR”的安排，額外需要付出的財力和人力未必能負擔。相關的意見獲得當局關注及回應，希望在不久的將來能有好消息帶給大家。
4. 上一年度分別有新的私營化驗所會員及私家醫院化驗所的會員申請及獲批准加入，我們希望所有會員是有社會責任感，有專業道德及受其它醫療業界認同及尊重。

展望來年

因應政府在醫療政策上的定位對公營市場平衡帶來的衝擊，問題漸漸浮現。政府的資源明顯不能滿足全民全方位的醫療目標，面對日益增加的醫療開支及龐大的醫療需求，加上人力資源無法配合的情況在各個專業都存在，在工作量增加及人手緊張，及社會上以“零失誤”為基本要求的背景下，工作人員那怕做對一千次或一萬次，只要一次失手就隨時要人頭落地，失誤只是

時間的問題，使人有種有辱無榮的感覺，這究竟對公私營的再平衡有什麼影響，則有待觀察。本會亦會緊貼發展，並向大家報告。亦希望業界無論在公營或私營機構工作，都應互相關心及支持。

未來一年的日子，本會會考慮提供合作平台與各供應商合作發展有憑證依據的化驗新項目。持續跟醫健通 eHR 當局合作，找出合適可行的

方案，推展醫健通 eHR 的進行，令我們業界更受其它醫療業界的重視。

在此多謝各位會員一直對行業的貢獻，希望你們的付出能夠成為業界未來發展的動力及帶來成果，令私營醫務化驗所更能滿足市民所望及得到公眾的讚賞。

亦祝願各會員工作順利，身體健康及事事如意！

李偉振會長

香港醫務化驗所總會
2017 年 5 月 25 日

UNDERSTANDING CLINICAL UTILITIES OF NEW IMMUNOASSAYS: ACTIVE B12 (HOLOTRANSCOBALAMIN) AND PIVKA-II

Haiyoung Jung, M.D.
Scientific Affairs Manager, North Asia
Abbott Diagnostics

Vitamin B12 is essential for the transformation of methyltetrahydrofolate to tetrahydrofolate for DNA synthesis and for fatty acid metabolism. The timely detection and correction of B12 deficiency prevents megaloblastic anaemia and potentially irreversible neuropathy and neuropsychiatric changes. Serum B12 assays measure the sum of haptocorrin-bound and transcobalamin-bound (known as holotranscobalamin) B12. It is only holotranscobalamin that is taken up by cells to meet metabolic demand. Approximately one-quarter of circulating cobalamin (vitamin B12) binds to transcobalamin (holoTC) and is thereby available for the cells of the body. For this reason, holoTC is also referred to as active vitamin B-12. HoloTC measurement has proven useful for the identification of the patients who suffer from transcobalamin deficiency. Clinical studies that compare the ability of holoTC and vitamin B12 to identify individuals with vitamin B12 deficiency suggest that holoTC performs better than total vitamin B12.

For the diagnosis of hepatocellular carcinoma (HCC), alpha fetoprotein (AFP) is the most commonly used biomarker. However, AFP is not tumor-specific, but is produced and released from the liver tissue in physiological conditions and in the presence of various oncological and non-oncological diseases. Protein Induced by Vitamin K Absence II (PIVKA-II, desgamma carboxyprothrombin) has been proposed as an emerging circulating marker in HCC. In regards to early and differential diagnosis of HCC, many studies showed a better specificity of PIVKA-II in comparison with AFP. Also, PIVKA-II combined with AFP, the sensitivity and specificity of HCC diagnosis can be improved. PIVKA-II alone or in combination with AFP is effective in predicting the treatment response and clinical outcome of curative hepatic resection, chemotherapy, targeted therapy, radiotherapy, and liver transplantation. Further, PIVKA-II promotes HCC cell proliferation, invasion, and metastasis by activating c-Met and other signal transduction pathways.

In this session, clinical utilities of active B12 and PIVKA-II assay will be discussed in details with review of the recent publications and researches.

Programme/ Activity Code	Date	Programme / Activity Title	Speaker(s) [Name(s) & Professional Qualifications]	No. of Participants
14160011	18-May-16	Transforming Laboratories with AlinIQ AMS	Ms. Polly Wu	70
14160021	27-May-16	The Challenge of Diagnosing Autoimmune Diseases (PathLab internal seminar)	Dr. Ralf Binsack	31
14160031	28-Jun-16	Common Myths and Delusions of QC	Dr. Richard Pang	29
14160041	13-Jul-16	Your Personalized Laboratory Automation (PathLab internal seminar)	Mr. Edward Lee	37
14160051	17-Nov-16	EliA Autoimmunity Testing - with History and Future!	Dr. Wolfgang Papisch, PhD	45
14160061		35th Phlebotomy Course	1. Ms. Constance Mak 2. Ms. Angela Kwok	30
14160071	02-Nov-16	1. The Roche Molecular Solutions - Transforming Testing & Treatment Together 2. PathLab Molecular Lab Upgrade Project Review (PathLab internal seminar)	1. Mr. Kit Lam 2. Mr. Omega Leung 3. Mr. Chi-Wai Lo	40
14160081	12-Dec-16	Biochip Array technology: Applications in Molecular Diagnostics	1. Damian Milligan 2. Hannah McCoosh	20
14160091	12-Jan-17	Procalcitonin-Impotent tool for antibiotics stewardship and prognosis	De Leon, Romina Convento	59
14160101	23-Feb-17	New Findings of M2BPGi in HBV Patients	1. Prof. Masashi Mizokami 2. Dr. Danny Ka-ho Wong 3. Prof. Man-fung Yuen	86
14160111	20-May-17	8th ShenZhen-HK-Macau Conference	1. Ms. Wu MY 2. Mr. John Mok 3. Mr. Thoms Kwok 4. Ms. Tamura Mayumi	13



2017 Annual General Meeting & Scientific Meeting:

Date	25th May 2017 (Thursday)	
Venue	Shantung Room and Shanghai Room I&II, Level 8, Cordis Hotel, 555 Shanghai Street, Mongkok, Kowloon	
Schedule	18:00 -18:15	Registration for AGM (for members by invitation)
	18:15 -18:40	2017 HKAML AGM
	18:15	Registration for (for Scientific Meeting) & Exhibition
	19:00	1) Clinical Utilities of PIVKA-II Assay for Management of HCC High Risk Groups &
		2) Active B12 vs B12 Testing By Dr. Haiyoung Jung, M.D. Regional Scientific Affairs Manager, North Asia, Abbott Diagnostics
	19:40	Seminar's Q & A
	19:50	Presentation of Awards & souvenir
	20:00	Reappointment of Honorary Advisors
	20:20	Dinner

14th Annual General Meeting

Date	25th May 2017 (Thursday)
Time:	18:00 – 18:30
Venue	Shantung Room and Shanghai Room I&II, Level 8, Cordis Hotel, 555 Shanghai Street, Mongkok, Kowloon

Agenda of 2017 AGM :

Meeting Convener –
Mrs. Marianne Leung, Vice Chairman

1. Welcome message and agenda
2. Minutes of 13th AGM (18th May 2016)
3. Chairman's report: Mr. Alex Li
4. Treasurer's Report: Mr. Jacky Ng
 - a. Financial report
 - b. Membership update
5. Appointment of officers:
 - a. Auditor
 - b. Legal Advisor
 - c. Honorable Advisors
6. Any Other Business
7. Date of next Annual General Meeting



ADVANCING THE FUTURE
OF DIAGNOSING B12 DEFICIENCY

ARCHITECT

Active-B12



*Test early.
Treat right.
Save lives.*

Keeping life running smoothly

*Improving patient outcomes
and prognosis in chronic heart failure*

Test early

Chronic heart failure (HF) affects 1–3% of the general population¹ with an all-cause mortality rate at 1 year of 7.2%.²

Treat right

NT-proBNP and cTnT hs are powerful prognostic markers in patients with chronic HF.³ Guidelines from the ACC/AHA recommend measurement of natriuretic peptides to aid in goal-directed medical therapy and improvement in outcomes in chronic HF.⁴

Save lives

Therapy incorporating NT-proBNP testing is associated with significant reduction in all-cause mortality compared to usual care in patients with chronic HF.⁵

¹ McMurray, J.J.V., Stewart, S. (2002). *Eur Heart J Suppl.* 4(Suppl D), D50–D58.

² Maggioni, A.P. et al. (2013). *Eur J Heart Fail.* 15(7), 808–17.

³ Januzzi, J.L. Jr. et al. (2011). *J Am Coll Cardiol.* 58(18), 1881–9.

⁴ Yancy, C.W. et al. (2013). *Circulation.* 128(16), 1810–52.

⁵ Felker, G.M. et al. (2009). *Am Heart J.* 158: 422–30.



Membership 2017

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Hong Kong Molecular Pathology Diagnostic Centre Limited
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INTRODUCING HDL3

TEST HDL3 FOR A MORE COMPLETE CARDIAC RISK PROFILE

WHAT IS HDL3?



HDL3 (High Density Lipoprotein 3 Cholesterol) is a smaller, more dense subfraction of the HDL particle.

CLINICAL SIGNIFICANCE



Several lines of evidence suggest that measuring HDL3 better reflects CHD risk than measurement of total HDL, making it an additional tool for better risk profiling.

CARDIAC RISK PROFILE



The need for more extensive lipid profiling is on the increase, to truly identify the risk of disease and provide the necessary tools to prevent and reduce the risks.



Advanced statistical analysis

Automatically calculate performance metrics including Sigma, UM, TE & %Bias.



Peer group statistics updated live in real-time

Instantly discover how you compare to your peers, reducing time and money spent troubleshooting.



Unique dashboard

Immediately identify QC failures from the last 7 days reducing time spent reviewing reports.



Connectivity

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Stress free QC analysis

*smarter, faster & more powerful
than ever before*



Interactive charts

Add events and multiple data sets to a single chart for quick and easy performance monitoring.

POWER SMARTER QC

Connectivity | Noun | con-nec-tiv-i-ty | kəˌnekˈtɪvəˌkə, nekˈtɪvəˌdē

The state or extent of being connected or interconnected.

Bio-Rad offers several interoperability solutions to capture and process QC data directly from your laboratory devices or information systems. These solutions seamlessly connect your instruments to Bio-Rad's Unity software, helping you unlock the power of quality in your lab.



Mike, Lab Manager

"We need a connected solution that meets all of our Quality Control compliance needs!"

Stuart, QC Supervisor

"Can we connect our stand alone instruments along with our networked systems so that we can report all departments' QC results throughout one centralized system?"

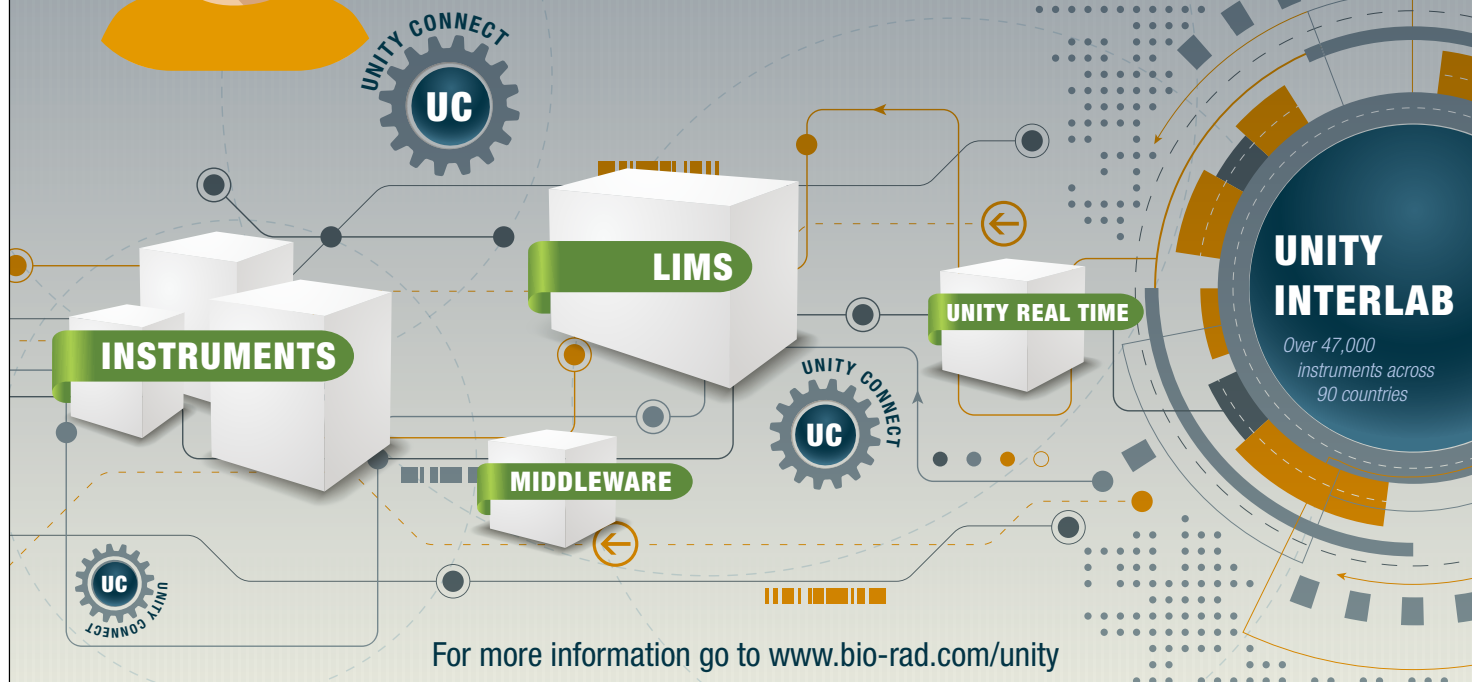


Mary, Med Tech

"If we can automate all QC results we can utilize Unity Real Time's Bench and Supervisor Review functionality, as well as other advanced options, to help streamline our turn around time when reviewing results!"

Ivan, IT

"The deployment, accessibility, and integration functionality of UnityConnect can address all of the QC requirements you've expressed. As an Informatics expert, Bio-Rad is also ready to guide us through putting the new system into action."



BIO-RAD

Honorable Advisors of Year 2016:

Dr. Thomas KW LING

Scientific Officer (Medical) &
Adjunct Associate Professor

Dept. of Microbiology Prince of Wales Hospital and
The Chinese University of Hong Kong, Shatin, NT

Dr W C Yam, PhD

Clinical Bacteriologist/Assistant Professor

Department of Microbiology
University Pathology Building, HK

Ms. Yonna Leung

Department Manager

Haematology Department
Prince of Wales Hospital Shatin, NT

Dr CS Ho

Adjunct Assistant Professor Department of
Chemical Pathology

The Chinese University of Hong Kong
Prince of Wales Hospital, Shatin, NT

Dr. Richard Pang

Senior Consultant

Pro Q Consulting Services Hong Kong

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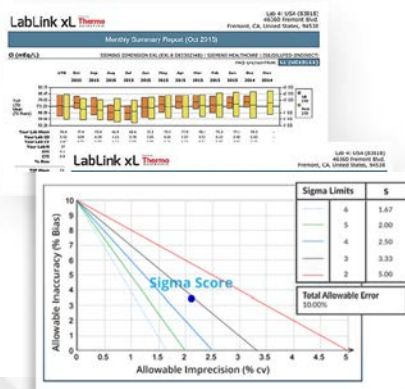
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Phlebotomy Tube Preparation System

GNT^{system}hen^shen^m

About Phlebotomy Tube Preparation System

System automatically provides medical technicians with essential items required for a phlebotomy (tubes with specimen labels attached, specimen labels and patient identification labels) based on the phlebotomy information recorded in the Hospital Information System (HIS, LIS, EMR).



*A tube with specimen label attached, specimen label, and patient identification label

System Benefits

Prevent Medical Errors

Automated phlebotomy process eliminates accidental switching of specimens.



Improved Convenience

Establishment of efficient environment keeps phlebotomists away from trivial work.



Cut Wait Time

Simplified phlebotomy process vastly reduces wait time.



Enhanced Image

Speedy and convenient medical service presents progressive image of a modern medical facility.



Cost Reduction

Enhanced efficiency improves phlebotomy process leading to reduction in operating costs.



Sole Agent in Hong Kong and Macau



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Science International Corporation

Science International Corporation
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7·JUN - 13·JUN 2017



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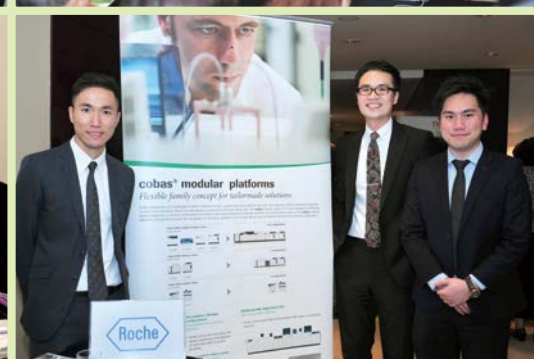
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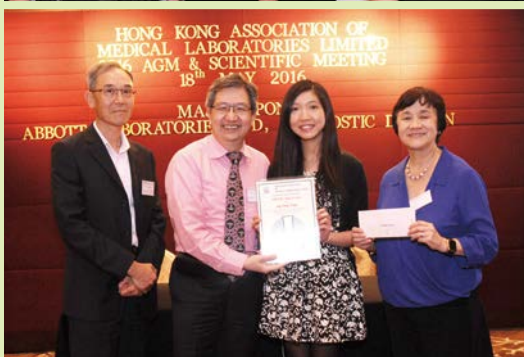


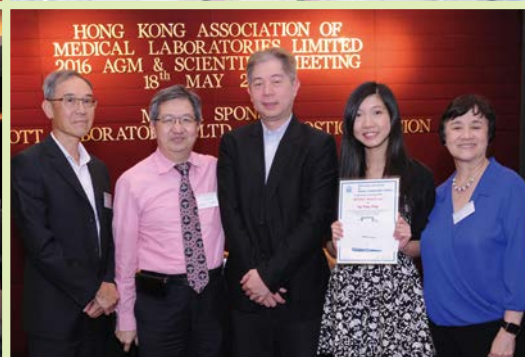
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2016 AGM & Scientific Meeting







Seminars & Social Gathering











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