

LABCON2019 – Session Details

Sunday, May 26, 1015-1130

F01: Working in Sierra Leone during the Ebola crisis

Speaker(s):

Sgt. Jean-Sebastien Pellan, MLT/TLM

Category

Transfusion Science

Learning Outcomes

1. Explain various safety procedures involved with Ebola
2. Describe Ebola symptoms
3. Canada's involvement in Freetown, Sierra Leone
4. Origins of the virus
5. Current situation in West Africa

Session Description

Join me on this journey to discuss what it was like to be a medical laboratory technologist working in Freetown, Sierra Leone, during the 2015 Ebola crisis. Come explore our roles, impact and challenges in the laboratory as we collaborated with international NGO's, the British military, the NHS and the CAF.

Speaker Bio

Jean-Sebastien Pellan completed the medical laboratory program from the Shawinigan College in Quebec (2008) and then went on to work in biochemistry and hematology at the Montreal Children's Hospital. Looking for excitement and adventure, he then went on to join the CAF in 2011 and has worked in five provinces, on overseas missions in Sierra Leone, Lebanon and even on an American Navy ship all as a medical laboratory technologist. Passionate about quality, he has been granted by the CSMLS a certificate of Continuing Professional Studies in Medical Laboratory Quality Management and has completed the certificate course in Laboratory Quality Management from the University of British Columbia. Currently enrolled in university part time to finish a certificate in health care management, he wishes to someday have a larger impact in the world of medical laboratory.

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F02: Fluid morphology

Speaker(s):

Jonaki Manna, MD, FRCPSC

Category

Cytology, Hematology

Learning Outcomes

1. Describe the types of fluids analyzed and normal cells present
2. How to morphologically screen for various pathologies in fluids
3. Identify abnormal cells and understand various malignancies that can present in fluids
4. Understand the types of microorganisms that may be seen in fluids

Session Description

Analysis of various fluids, including peritoneal, pleural, pericardial, CSF, synovial and aspirates, can be a useful screening tool leading to the efficient diagnosis of malignancies and infections. There is biochemical and hematologic testing that can be performed on these fluids. This presentation will focus on the microscopic/morphologic evaluation of fluids especially as emphasis is usually more on peripheral blood and marrow morphology and less on fluid morphology.

Speaker Bio

Dr. Manna has practiced hematopathology for about a dozen years in Victoria, British Columbia. She recently moved to Eastern Canada and is currently practicing in a similar setting at the Moncton Hospital. Jonaki's specialty includes the diagnosis of hematologic disorders as well as transfusion medicine; she has specific interests in hereditary hematologic disorders as well as in teaching. Dr. Manna regularly conducts rounds and has taught lab technologists, medical students, residents and other staff. Her training includes medical school at the University of British Columbia, Vancouver, hematopathology residency at University of Alberta Hospital, Edmonton; and a pediatric hematopathology fellowship at British Columbia Children's Hospital, Vancouver. She is delighted to have this opportunity to practice on the opposite coast and also to continue her passions in dance and music.

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F03: Ethics in the Lab

Speaker(s):

Laura Zychla

Christine Nielsen, BHA, MLT, CAE

Category

Ethics

Session Description

Ethical dilemmas occur every day in the healthcare setting, whether you are involved or you see issues happening to others. As health professionals, we need to be aware of these situations, identify ways to prevent and/or deescalate these, and uphold the ethical principles that we serve.

What have you experienced? Racism? Breaches in information privacy? Transphobia? Lack of competency in a co-worker? Inappropriate work requests? Dangerous working environments?

Join us in this interactive presentation as we discuss some of the leading ethical dilemmas facing our profession and the health care system. Learn how to the CSMLS Code of Ethics can help you when you experience your next issue. Why? Because you know dealing with an ethics issue at work is inevitable.

Speaker Bios

As a researcher, Laura Zychla holds positions with the CSMLS and Cancer Care Ontario. She has an extensive consulting background in research and analysis, with a focus on creating evidence-based health and education policy for the applied health professions. She has been highly involved in the creation of competencies for the Clinical Specialist Radiation Therapist and Personal Support Worker professions. Recently, for the medical laboratory profession, she has lead projects involving mental health knowledge and tool production, fostered national collaboration through the creation of the 'Simulation Knowledge Exchange - Research Network', helped create ethics based policy to support professionals and is continuing to advance knowledge transference through involvement in news curation and educational resource initiatives.

Christine Nielsen became Chief Executive Officer of the Canadian Society for Medical Laboratory Science in 2010. She is a medical laboratory technologist, with a degree in Health Administration, is a Certified Association Executive with a Certificate of Mastery in Prior Learning Assessment from the Council for Adult and Experiential Learning at DePaul University in Chicago. Christine is currently completing an MBA from the Edinburgh School of Business, Scotland.

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F04: A human factors and analytical assessment of HbA1c point-of-care testing in a pediatric diabetes clinic

Speaker(s):

Johanna Thayer, BSc, MLS Student

Kes Carson, BSc, MLS student

Category

Point-of-Care

Learning Outcomes

1. Describe the importance of point-of-care testing (POCT)
2. Discuss the analytical assessment and statistical analysis performed in the study and the significance of the results obtained
3. Gain a greater understanding of the importance of human factors engineering in health care with an emphasis on medical devices and quality improvement
4. Discuss how human factors was compared in the HbA1c study and used for systems improvement in a pediatric diabetes clinic
5. Discuss how both the analytical and human factors assessments amalgamated for a procurement suggestion

Session Description

Point-of-care testing (POCT) is taking testing out of the traditional laboratory into the clinical/bedside setting. During this presentation, we will outline how this transition is being managed, through our unique research in the Pediatric Diabetes Clinic at the University of Alberta Hospital. We will outline our novel approach to performance analysis of two HbA1c POCT analyzers and initiation of a quality improvement plan. By combining analytics and a human factors perspective, we were able to suggest a procurement option based on a whole health team approach. By the end of this session, participants should be able to understand how to combine the human factors and analytical approach to implement this into your POCT department.

Speaker Bio

Johanna Thayer and Kes Carson are recent graduates of the medical laboratory science program at the University of Alberta. They performed a study in conjunction with Edmonton's Stollery Pediatric Diabetes Clinic at the University of Alberta Hospital. Kes' previous experience working as a MOHS technician led her to focus her Phase 3 research on a quality improvement project centered on a Human Factors assessment of HbA1c POCT devices in the clinic. Johanna's Phase 3 project focused on an analytical assessment of the HbA1c POCT devices.

LABCON2019 – Détails de la session

Le dimanche 26 mai de 10 h 15 à 11 h 30

F05 : Le remaniement des services de laboratoire au Nouveau-Brunswick; nos défis et nos perspectives futures

Conférencier :
Yves Goudreau, MHSA

Catégorie :
Gestion, leadership

Résultats d'apprentissage :

1. Comprendre les problèmes rencontrés dans un contexte néo-brunswickois
2. Apprendre les outils et les méthodologies visant à aider nos autorités de la santé et notre province à aborder nos pénuries actuelles de personnel
3. Examiner notre approche pour s'occuper de nos problèmes selon les meilleures pratiques
4. Discuter des questions touchant toutes les régions sur le plan national

Description de la session

Cette session se concentre sur les questions courantes touchant les services de laboratoire au Nouveau-Brunswick, surtout en ce qui concerne le Réseau de santé Vitalité, soit une autorité francophone. Je discuterai de nos défis, de notre méthode d'évaluation du système et des démarches que nous mettrons en œuvre pour remanier notre système. À mon avis, d'autres juridictions devraient songer à adopter notre modèle de remaniement; je vous inviterai à donner vos commentaires à ce sujet à la fin de la présentation.

Biographie du conférencier

Yves a travaillé dans le domaine de la gestion des soins de santé à divers niveaux de direction et il a géré un grand éventail de services. Il détient une maîtrise en administration de la santé et il est présentement le directeur des services de laboratoire auprès du Réseau de santé Vitalité. Yves est un aventurier averse, titulaire d'un brevet de pilotage et il aime voyager outre-mer. À l'occasion de son 50^e anniversaire, il a atteint la base du mont Everest, son rêve de toute une vie. En 2019, il espère atteindre le mont Kilimanjaro.

LABCON2019 – Session Details

Sunday, May 26, 1145-1300

G01: From bench to bedside in organ transplantation: How Canadian labs have made all the difference

Speaker(s):

Christina Parsons, BSc MLS, MLT

Category

Immunology, Organ Transplantation

Learning Outcomes

1. Explain services provided by Canadian Blood Services related to organ transplantation
2. List areas where laboratory services intersect with organ transplantation
3. Understand the impact of HLA laboratory standardization on national services

Session Description

This session will provide an overview of the policy development and national standardization required to provide national organ transplantation services related to the Canadian Transplant Registry operated by Canadian Blood Services. These services include a national HLA Advisory Committee that oversees proficiency and methodology as well as two programs (Highly Sensitized Patient and Kidney Paired Donation) that provide transplant opportunities for disadvantaged groups of patients requiring a kidney transplant. The impact of laboratory and science advancements and their impact on the delivery of patient care will be highlighted.

Speaker Bio

Christina Parsons has worked in the area of organ and tissue donation and transplantation for over 20 years. She has her Bachelor of Science in Medical Laboratory Science from the University of Alberta. She is fortunate to use her laboratory background and front-line experience to support Canadian Blood Services in supporting the donation and transplantation community in Canada.

LABCON2019 – Session Details

Sunday, May 26, 1145-1300

G02: Sepsis: Laboratory diagnostic testing used in diagnosis

Speaker(s):

Joseph Bottos, MLT

Category

Chemistry, Hematology

Learning Outcomes

1. Understand the pathophysiology of sepsis
2. Gain and understanding of the economic impact of sepsis care
3. Identify the diagnostic tests used in sepsis diagnosis and management
4. Detailed review of the following biomarkers

Session Description

Sepsis is a complex syndrome with severe outcomes for the patient and is very often difficult to diagnose. Diagnosis and treatment carries a high-economic burden to health care providers. Early diagnosis is key to successfully managing patients. This lecture will discuss in detail a cross-discipline approach to manage and diagnose sepsis patients earlier. The following biomarkers will be studied in more detail: CRP, lactate, procalcitonin, Leukocyte morphometric analysis and immune signaling markers.

Speaker Bio

For over 35 years, Joe Bottos has been involved in the field of medical laboratory technology and clinical biochemistry. He is a graduate of biochemistry (University of Guelph) and the medical laboratory technology program (Mohawk College, Hamilton). His employment history includes autopsy assistant, medical technologist in large teaching centers and technical positions with veterinary biologics manufacturing. He has also freelanced as a scientific/medical illustrator with drawings published in "Grants Atlas of Human Anatomy". He is currently employed with Beckman Coulter Canada, and has been for over 25 years. Joe is the national product manager and heads up scientific affairs for the chemistry and immunochemistry product lines.

LABCON2019 – Session Details

Sunday, May 26, 1145-1300

G03: My mental health journey

Speaker(s):

Lorenne Friesen, MLT

Category

General Interest

Learning Outcomes

1. Gain a fresh perspective on mental health - It is okay to realize you are not okay and need help
2. Learn to have empathy for other individuals - We all have different experiences throughout life
3. Build skills to recognize mental health is a daily challenge
4. Find techniques you can use in your daily life to combat stress and anxiety

Session Description

Sharing her own mental health journey, she hopes that others can gain a fresh perspective on mental health by learning to have empathy for others, building skills to recognize mental health is a daily challenge and finding techniques you can use in your daily life to combat stress and anxiety.

Speaker Bio

Lorenne Friesen, MLT. I work as a Senior Technologist in Hematology and Transfusion Medicine in a rural lab in Manitoba. I have been a member with CSMLS for 10 years. I graduated from RRC from Medical Laboratory Science in 2010. I enjoy advocating for our profession and tell as many people as I can to join us; our profession is in such high demand. I have previous experience explaining to the public about MLTs speaking to high school students, participating in job-shadowing experiences, as well as participating in children's events setting up a booth to explain who we are and what we do. Our job is such an important role in the health care system

LABCON2019 – Session Details

Sunday, May 26, 1145-1300

G04: Biosafety Level 3 Laboratory: Operational aspects and requirements

Speaker(s):

Janet Reid, MLT, BMLS, ART

Erin Hache, MLT, BMLS

Category

Microbiology

Learning Outcomes

1. Know the history of the TB laboratory service in New Brunswick
2. Understand the requirements of operating a Biosafety Level 3 (BSL3) Laboratory
3. Be familiar with specialized protocols and personal protective equipment
4. Know which services are provided by the BSL3 laboratory in Saint John

Session Description

The biosafety level 3 laboratory is a heavily regulated environment with complicated control features and a workflow unique to the environment. The responsibilities are more stringent under the Public Health Agency of Canada's Human Pathogens and Toxins Regulations, with license renewal required every three years. The safety that this environment provides allows manipulations of biohazardous material not provided by the usual BSL2 microbiology laboratory. This presentation will give attendees a better understanding of this type of laboratory and provide a peak within the environment and the processes that take place there. The work performed by the Saint John New Brunswick BSL3 laboratory will also be covered.

Speaker Bio

Janet Reid has been the microbiology laboratory manager since October 2007. She has been a medical laboratory technologist since 1990 and has spent her entire career in microbiology. As a technologist, she was trained in the provincial service areas for level 3/TB and enteric reference services. She completed her Bachelor of Medical Laboratory Science from the University of New Brunswick (UNB), post-diploma in 2007 and her ART in microbiology 2014.

Erin Hache has been a medical laboratory technologist for 16 years, 11 of those spent in microbiology, where she is trained to work in the level 3 laboratory/TB. She completed her Bachelor of Medical Laboratory Science in 2003 from UNB. Erin has a passion for sharing her knowledge and has done so through teaching medical laboratory students and being involved in "Bring Your Kids to Work" days in the workplace.

LABCON2019 – Session Details

Le dimanche 26 mai de 11 h 45 à 13 h

G05 : ALM : Membres utiles pour tous les départements

Conférencier(s) :

Christine Goguen, ALM

Catégorie

Pré-analytique

Résultats d'apprentissage

1. Avoir une meilleur idée des divers rôles possible des ALM
2. Connaitre le fonctionnement des ALM au sein de départements dans une petite-moyenne hôpital
3. Découvrir des stratégies pour mieux utiliser des ALM

Description de la session

Venez écouter Christine, une ALM, vous parler de son expérience au sein du département de microbiologie et comment ce même laboratoire utilise des ALM quotidiennement afin d'augmenté l'efficacité de chaque département.

Biographie du conférenciere

Christine travail dans le milieu des laboratoires depuis 15 ans. Elle est une ALM passionné de son travail. Elle a des plans ambitieux pour sa carrière en laboratoire et veut partager sa passion et ses idées avec vous.

LABCON2019 – Session Details

Sunday, May 26, 1415-1530

P04: Build Your Resilience Reflex - How to Shift from Chaos to Control (*simultaneous interpretation*)

Speaker(s):
Zaheen Nanji

Category
General Interest, Management

Learning Outcomes

1. Learn my 3R Formula
 - a. Release - tapping into your emotional intelligence is the first step to getting unstuck from a setback or problem and creating emotional resilience. Release old patterns by learning a simple technique to bring control to a situation
 - b. Reprogram - feeling helpless and worried isn't going to help you move forward, but you can create a victor mindset with a set of simple questions
 - c. Resolve - the secret to building resiliency is all about embracing change and flexing one's attitude! Participants will finally understand how to embrace change and be flexible at the same time, with the Universal Cycles of Change Model

Session Description

In this new economy and digital world, change is inevitable. With change comes challenges, obstacles, stress and overwhelm. Moreover, organizations are having to deal with delivering more with less and professionals are feeling pressured. Instead of feeling stuck, unable to cope and having our backs against the wall, it's time to release those old patterns, reprogram new skill sets and embrace change. Transformational, instructional and challenging, this content-rich session is an exciting experience for a workforce that is constantly going through change and challenges. Audiences have walked away with simple tools that they can start implementing right away.

Speaker Bio

One of most in-demand speaker on resilience in North America today, Zaheen Nanji has shared her content-rich, entertaining, hard-hitting and memorable presentations to enthusiastic audiences such as HR, health professionals, educators and leaders. Her compelling stories of suffering from a speech impediment to moving half way across the world as a teenager, without her parents, and just recently surviving breast cancer; has her audience laughing and tearing up at the same time.

Zaheen is a TEDx speaker and has been featured on the front cover of Positive Health Magazine and on various broadcast media outlets in UK, USA and Canada. She's also a two-time best-selling and award-winning author. Zaheen is the owner of Shanti Wellness & Laser Centre in Alberta, Canada.

She calls herself a resilience champion because she shows you how to make resilience your first reflex!

LABCON2019 – Détails de la session

Le dimanche 26 mai de 14 h 15 à 15 h 30

P04 : Renforcez votre réflexe de résilience – Comment transformer le chaos en contrôle
(traduction simultanée)

Conférencière :
Zaheen Nanji

Catégorie :
Intérêt général, gestion

Résultats d'apprentissage :

1. Découvrez ma formule des 3R
 - a. Relâcher – puiser dans votre intelligence émotionnelle est la première étape en vue de vous libérer d'un obstacle ou d'un problème, et pour développer votre résilience émotionnelle. Relâchez vos anciens modes de comportement en apprenant une simple technique pour maîtriser une situation.
 - b. Reprogrammer – les sentiments d'impuissance et de souci ne vous aideront pas à progresser, mais vous pouvez adopter une attitude de vainqueur en utilisant un ensemble de questions fondamentales.
 - c. Résoudre – le secret de renforcer la résilience, c'est d'épouser le changement et d'infléchir l'attitude! Les participants finiront par comprendre comment adopter le changement tout en faisant preuve de souplesse à l'aide du modèle Universal Cycles of Change.

Description de la session :

Dans cette conjoncture économique et numérique actuelle, le changement est inévitable. Accompagnés du changement sont des défis, obstacles, stress et situations accablantes. D'ailleurs, les organisations sont obligées d'en faire plus avec moins de ressources et les professionnels ressentent des pressions. Au lieu de se sentir coincés, acculés au pied du mur et incapables de surmonter des difficultés, le moment est arrivé pour relâcher ces anciens modes, reprogrammer de nouvelles aptitudes et épouser le changement. À la fois transformationnelle, informative et stimulante, cette session riche en contenus est une expérience dynamique destinée aux effectifs confrontés au changement et aux défis. Les participants antérieurs ont bénéficié d'outils simples qu'ils pouvaient mettre en pratique immédiatement.

Biographie de la conférencière :

Parmi les conférenciers se spécialisant en résilience, Zaheen Nanji est l'une des plus en demande en Amérique du Nord. Elle a partagé ses présentations détaillées, divertissantes, impressionnantes et mémorables avec des participants dans les domaines des ressources humaines, de la santé, de l'éducation et du leadership. Ses anecdotes captivantes sur ses troubles de la parole, son déplacement à l'autre bout du monde pendant son adolescence sans ses parents, et sa lutte récente contre le cancer du sein susciteront à la fois des rires et des larmes chez les participants.

LABCON2019 – Détails de la session

Zaheen est une conférencière TEDx, mise en vedette sur la couverture du magazine *Positive Health* et sur diverses plates-formes de radiodiffusion au R.-U., aux E.-U. et au Canada. Elle est également auteure lauréate de deux livres à succès. Zaheen est propriétaire du Shanti Wellness & Laser Centre en Alberta.

Elle se dit championne de résilience parce qu'elle démontre comment faire la résilience votre premier réflexe!