



CANADIAN LEAGUE AGAINST EPILEPSY ANNUAL SCIENTIFIC MEETING PROGRAM

OCTOBER 13-15, 2023
DELTA HOTELS PRINCE EDWARD
CHARLOTTETOWN, PEI

LIGUE CANADIENNE CONTRA L'ÉPILPSIE RÉUNION SCIENTIFIQUE ANNUELLE PROGRAMME

13-15 OCTOBRE 2023
DELTA HOTELS PRINCE EDWARD
CHARLOTTETOWN, Î.-P.-É



@CLAE_LCCE
#CLAE2023



WELCOME FROM THE PRESIDENT

Dear Friends and Colleagues,

It is my absolute pleasure, on behalf of the Canadian League Against Epilepsy (CLAE), to welcome you to this year's Scientific Meeting in beautiful Charlottetown, Prince Edward Island.

We have a very exciting program for this year's meeting – there are sessions for everyone! Topics include: “Advances in Neuropsychology,” “Addressing the Restrictions and Mortality in the Lives of People with Epilepsy,” “Brainstem Seizures: Out of Sight, Out of Mind,” “Integrating Artificial Intelligence into Clinical Epilepsy Practice,” and many more interesting topics. This year's program would not have been possible without the dedication of the Education Committee and Dr. Esther Bui, Director of Education – I would like to take this opportunity to thank them for developing this year's excellent program.

Grab your runners and join us for a Fun Run/Walk on Saturday, October 14th, at 6:15 a.m.! This great event aims to fundraise for epilepsy research, educational activities, and much more. There is still time to register and make your donations – to do so, check out the CLAE website, www.claegroup.org.

All CLAE members are invited to attend the Annual General Meeting on Friday, October 13th, at 5:00 p.m., where new members of the CLAE Board will be announced.

Shortly after the Annual General Meeting, I will give the Welcome and Presidential Lecture. The evening of October 13th will culminate with the Wada Keynote Lecture delivered by Dr. Jerome Engel on the topic of “The Evolution of Epilepsy Surgery, and the Emergence of Biomarkers.”

This year's conference provides us the exciting opportunity to expand our network, enabling us to develop further collaborations and strive to improve the lives of those living with epilepsy in Canada and beyond. Welcome and enjoy your time in Charlottetown!

Sincerely,

Mary Connolly
President
Canadian League Against Epilepsy



MOT DE BIENVENUE DU PRESIDENT

Chers amis et collègues,

Il nous fait grand plaisir, au nom de la Ligue canadienne contre l'épilepsie (CLAE/LCCÉ), de vous accueillir pour la réunion scientifique de cette année dans la magnifique ville de Charlottetown, à l'Île-du-Prince-Édouard.

Nous avons préparé un programme très excitant – il y a des sessions pour tout le monde ! Les sujets incluent : « Les progrès en neuropsychologie », « Aborder les restrictions et la mortalité dans la vie des personnes épileptiques », « Les crises du tronc cérébral : hors de vue, hors de l'esprit », « Intégrer l'intelligence artificielle dans la pratique clinique de l'épilepsie » et bien d'autres sujets intéressants. Le programme de cette année n'aurait pas été possible sans le dévouement des membres du comité d'éducation et de la Dre Esther Bui, directrice de l'éducation – j'aimerais profiter de cette occasion pour les remercier d'avoir développé l'excellent programme de cette année.

Mettez vos espadrilles et rejoignez-nous pour une course/marche amusante le samedi 14 octobre à 6 h 15 ! Ce grand événement vise à amasser des fonds pour la recherche sur l'épilepsie, pour des activités éducatives et bien plus encore. Il est encore temps de vous inscrire et de faire vos dons – pour cela, consultez le site Internet du CLAE, www.claegroup.org.

Tous les membres du CLAE sont invités à assister à l'assemblée générale annuelle le vendredi 13 octobre à 17h00, où les noms des nouveaux membres du conseil d'administration du CLAE seront annoncés.

Peu de temps après l'assemblée générale annuelle, je prononcerai la conférence de bienvenue et la conférence présidentielle. La soirée du 13 octobre se terminera par la conférence d'ouverture de l'AMA prononcée par le Dr Jerome Engel sur le thème « L'évolution de la chirurgie de l'épilepsie et l'émergence des biomarqueurs ».

La conférence de cette année nous offre une occasion passionnante d'élargir notre réseau, nous permettant ainsi de développer de nouvelles collaborations et de nous efforcer d'améliorer la vie des personnes vivant avec l'épilepsie au Canada et ailleurs. Bienvenue et profitez de votre séjour à Charlottetown!

Sincèrement,

Marie Connolly
Président
Ligue canadienne contre l'épilepsie



WELCOME FROM THE DIRECTOR OF EDUCATION

Dear CLAE members and colleagues,

A warm welcome to the 2023 Canadian League Against Epilepsy Meeting!

It is with great excitement that we launch this year's conference in beautiful Prince Edward Island. This conference is dedicated to showcasing the wealth of knowledge and innovation of our community. I am sure you will be inspired by our junior investigators as well as our internationally renowned guest speakers, including:

- The Dr. Juhn Wada Keynote Speaker: Dr. Jerome Engel
- The Jones-Gotman Plenary Session Keynote Speaker: Dr. Bruce Hermann

The Education Committee has been incredibly busy in designing this very special program with a superb representation of the innovative, groundbreaking work being done in Canada and around the world.

The work in epilepsy education at the CLAE this year has embodied hard work, innovation, and talent, and has included (1) the CLAE Conference Committee, (2) the Canadian Epilepsy Teaching Network, (3) the National Consensus for Epilepsy Postgraduate Education, and (4) the e-Journal Club for Epilepsy Fellows.

I want to thank each member of our Education Committee for their contributions. This conference and the CLAE's education work would not be possible without you.

As I end my 2-year term as the national Director of Education at CLAE, it has been a genuine privilege to engage, build, and advance epilepsy education in Canada. I thank CLAE for this honour and hope that this work continues to grow with our incoming Director of Education, Dr. Anita Datta.

I invite you all to soak up the exciting new developments, re-connect, and be inspired.

Sincerely,

Esther Bui
Director of Education, CLAE

**CLAE Education Committee Members**

Esther Bui (Chair)
Massimo Avoli
Alexandra Carter
Neil Fournier
Steve Gibbs
Walter Hader
Linda Huh
Elizabeth Kerr
Paula Marques
Aylin Reid
Keri Tingling
Alexander Weil
Robyn Whitney
Diandra Zara

Canadian Epilepsy Teaching Network (CETN)

Virtual Clinical Epilepsy and EEG Learning
Rajesh Ramachandrannair (Program Director)
JP Appendino (Lead for Evaluation)
Tadeu Fantaneanu (Lead for CPD)
Eliane Kobayashi (EEG co-lead))
Kevin Jones (EEG co-lead)
Esther Bui (Director of Education)
Gianluca D'Onofrio (Trainee Representative)

National Consensus for Epilepsy Postgraduate Education Committee

Esther Bui (Chair)
Kristin Ikeda (Co-Chair)
Anita Datta (Co-Chair)

e-Journal Club for Epilepsy Fellows

Esther Bui (Chair)
Paula Marquez (Co-Chair)



MOT DE BIENVENUE DU DIRECTEUR DE L'ÉDUCATION

Chers membres et collègues de la CLAE/LCCÉ,

Bienvenue au congrès 2023 de la Ligue canadienne contre l'épilepsie!

C'est avec beaucoup d'enthousiasme que nous inaugurons la conférence de cette année dans la magnifique Île-du-Prince-Édouard. Cette conférence est dédiée à mettre en valeur la richesse des connaissances et de l'innovation de notre communauté. Je suis sûre que vous serez inspirés par nos chercheurs juniors ainsi que par nos conférenciers invités de renommée internationale, notamment :

- Le conférencier principal du Dr Juhn Wada : Dr Jerome Engel
- Conférencier principal de la séance plénière Jones-Gotman : Dr Bruce Hermann

Le comité d'éducation a déployé de grands efforts afin de concevoir ce programme très spécial avec une superbe représentation du travail innovant et révolutionnaire effectué au Canada et dans le monde.

Cette année le groupe dédié à l'éducation sur l'épilepsie de la CLAE/LCCÉ a travaillé de façon acharnée, démontrant du talent et de l'innovation. Sont inclus dans cette entreprise (1) le comité organisateur de la conférence du CLAE, (2) le Réseau canadien d'enseignement de l'épilepsie, (3) le Consensus national pour l'éducation postdoctorale en épilepsie. et (4) le Club de lecture virtuel pour les Fellows en épilepsie.

Je tiens à remercier chaque membre de notre comité d'éducation pour sa contribution. Ce colloque et le travail pédagogique du CLAE ne seraient pas possibles sans vous.

Je termine mon mandat de deux ans en tant que directrice nationale de l'éducation à la CLAE/LCCÉ. Ce fut un véritable privilège de participer, de bâtir et de faire progresser l'éducation sur l'épilepsie au Canada. Je remercie le CLAE pour cet honneur et j'espère que ce travail continuera de progresser avec notre nouvelle directrice de l'éducation, la Dre Anita Datta.

Je vous invite tous à vous imprégner des nouveaux développements passionnants, à reprendre contact et à vous inspirer.

Sincèrement,

Esther Bui
Directeur de l'éducation, CLAE

**Membres du comité d'éducation du CLAE**

Esther Bui (présidente)
Massimo Avoli
Alexandra Carter
Nil Fournier
Steve Gibbs
Walter Hader
Linda Huh
Elizabeth Kerr
Paula Marques
Aylin Reid
Keri Tingling
Alexandre Weil
Robyn Whitney
Diane Zara

Réseau canadien d'enseignement sur l'épilepsie (CETN)

Épilepsie clinique virtuelle et apprentissage EEG
Rajesh Ramachandrannair (directeur du programme)
JP Appendino (responsable de l'évaluation)
Tadeu Fantaneanu (responsable du DPC)
Eliane Kobayashi (co-responsable de l'EEG)
Kevin Jones (co-responsable de l'EEG)
Esther Bui (directrice de l'éducation)
Gianluca D'Onofrio (Représentant des stagiaires)

Comité du consensus national sur la formation postuniversitaire en épilepsie

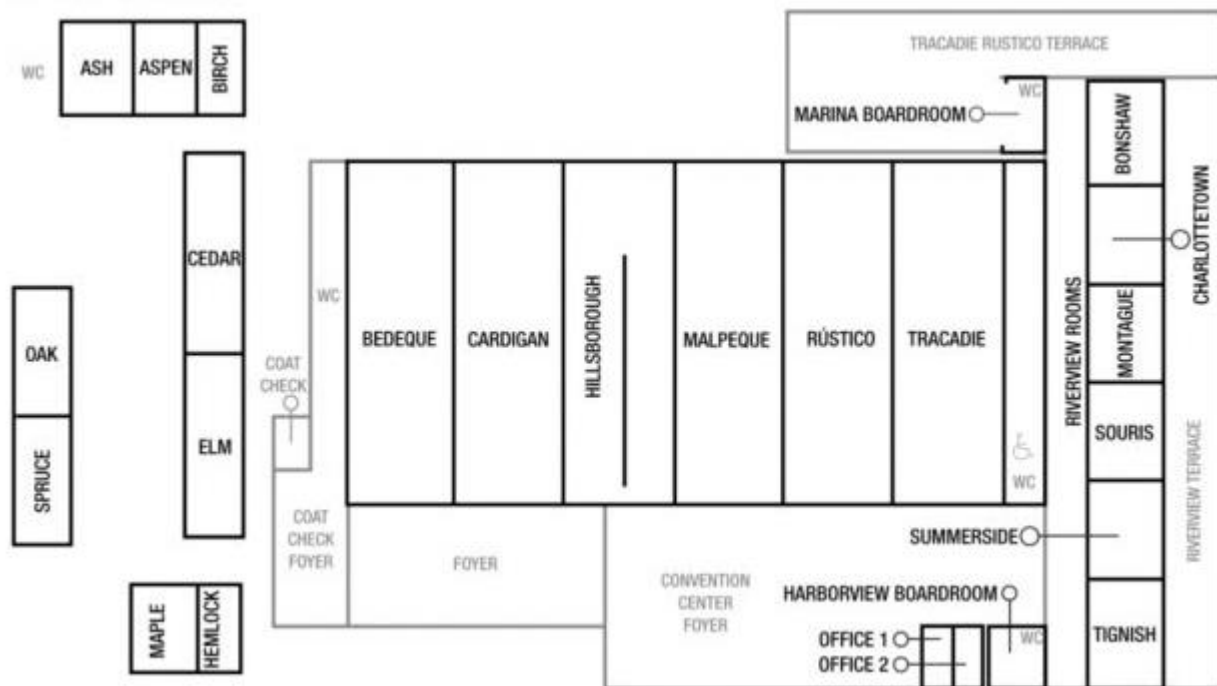
Esther Bui (présidente)
Kristin Ikeda (coprésidente)
Anita Datta (coprésidente)

Club de revues électroniques pour les boursiers en épilepsie

Esther Bui (présidente)
Paula Marquez (coprésidente)



HOTEL FLOOR PLAN / PLAN DES LIEUX



The AGM and plenary sessions will take place in the Bedeque Cardigan room. Breakout sessions will be held in the Cedar Elm and Bedeque Cardigan rooms and the poster session will be held in the Malpeque room. Please ensure you take the time to visit the exhibit booths in the Hillsborough room.

L'AGA et les séances plénières auront lieu dans la salle Bedeque Cardigan. Les séances en petits groupes auront lieu dans les salles Cedar Elm et Bedeque Cardigan et la séance d'affiches aura lieu dans la salle Malpeque. Assurez-vous de visiter les stands d'exposition dans la salle Hillsborough.



EXHIBIT HALL / SALLE D'EXPOSITION

Sponsors:

- 1 – Paladin Laboratories
- 3 – UCB
- 4 – Jazz Pharmaceuticals
- 5 – LivaNova

Exhibitors:

- 6 – Surgi-One
- 7 – Medtronic

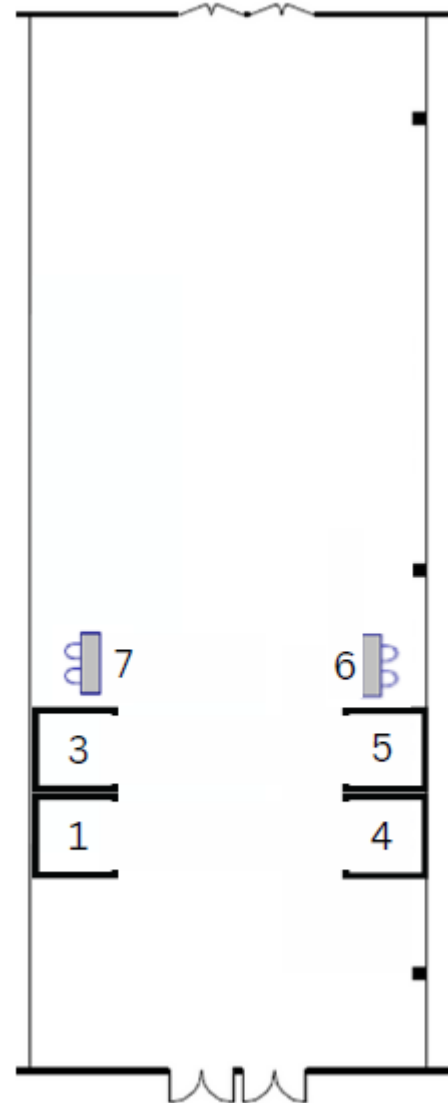
EXHIBITS / EXPOSITIONS

Meeting participants will have an ideal opportunity to learn about the latest in pharmaceuticals, publications, scientific equipment, and technology, relevant to the field of epilepsy and neurophysiology. The commercial exhibits will take place on Friday, October 13 from 4:30 p.m. to 6:15 p.m., Saturday, October 14 from 7:00 a.m. to 5:00 p.m., and Sunday, October 15 from 7:00 a.m. to 10:45 a.m.

We invite all delegates to participate in the exhibit hall passport contest! By visiting all the exhibitors, delegates are eligible to win a prize. Please see the registration desk onsite for more information.

La réunion scientifique sera une occasion idéale de se renseigner sur les dernières nouveautés en matière de produits pharmaceutiques, de publications, d'équipements scientifiques et de technologies pertinentes dans le domaine de l'épilepsie et de la neurophysiologie. Les expositions commerciales auront lieu le vendredi 13 octobre de 16h30 à 18h15, samedi 14 octobre de 7h00 à 17h00 et dimanche 15 octobre de 7h00 à 10h45.

Nous invitons tous les délégués à participer au concours de passeport de salle d'exposition ! En visitant tous les exposants, les délégués peuvent gagner un prix. Veuillez vous rendre au bureau d'inscription sur place pour plus d'informations.





2023 CLAE FUN RUN/WALK: DID YOU REGISTER YET?

The CLAE is holding its 6th Annual Fun Run/Walk to raise funds for CLAE awards and projects!
If you have not already registered and would like to participate, please see the registration desk!

When: Saturday, October 14, at 6:15 a.m.

Location: Meet in the lobby of the Delta Hotels Prince Edward at 6:10 a.m.

Details: 3 km walk or 5 km run

Entry Fee: \$40



DID YOU KNOW?

80% of funds are raised within the first 3 days and last 3 days of registration?

WE CAN'T FUNDRAISE WITHOUT YOU!

The CLAE is on a mission to enable people with epilepsy to live their lives fully despite the constraints of this neurological disorder. Your donations are essential to fueling the research required to improve patient care. With your generosity, people with epilepsy and members of the Canadian league will have a new breath of hope and the courage to pursue their dreams – thanks to your help where it's needed.

Together, we can make a difference in the future of Epilepsy.

Please help us reach our goal of \$5,000 to surpass previous years' funding and achieve a new milestone by donating today!

Visit <https://claegroup.org/page-1816466> to donate today or see the registration desk!



RUN/WALK CLAE FUN 2023 : VOUS ÊTES ENCORE INSCRIT ?

Le CLAE organise sa 6e course/marche annuelle pour recueillir des fonds pour les prix et les projets du CLAE !
Si vous n'êtes pas encore inscrit et souhaitez participer, rendez-vous au bureau d'inscription !

Quand : samedi 14 octobre, à 6 h 15

Lieu : Rendez-vous dans le hall des Hôtels Delta Prince Edward à 6h10.

Détails : 3 km de marche ou 5 km de course

Frais inscription 40 \$



SAVIEZ-VOUS ?

80 % des
fonds sont récoltés dans
les 3 premiers
et
3 derniers jours
suivant l'inscription ?

NOUS NE POUVONS PAS COLLECTER DE FONDS SANS VOUS !

Le CLAE a pour mission de permettre aux personnes épileptiques de vivre pleinement leur vie malgré les contraintes de cette maladie neurologique. Vos dons sont essentiels pour alimenter la recherche nécessaire à l'amélioration des soins aux patients. Grâce à votre générosité, les personnes épileptiques et les membres de la ligue canadienne auront un nouveau souffle d'espoir et le courage de poursuivre leurs rêves – grâce à votre aide là où elle est nécessaire.

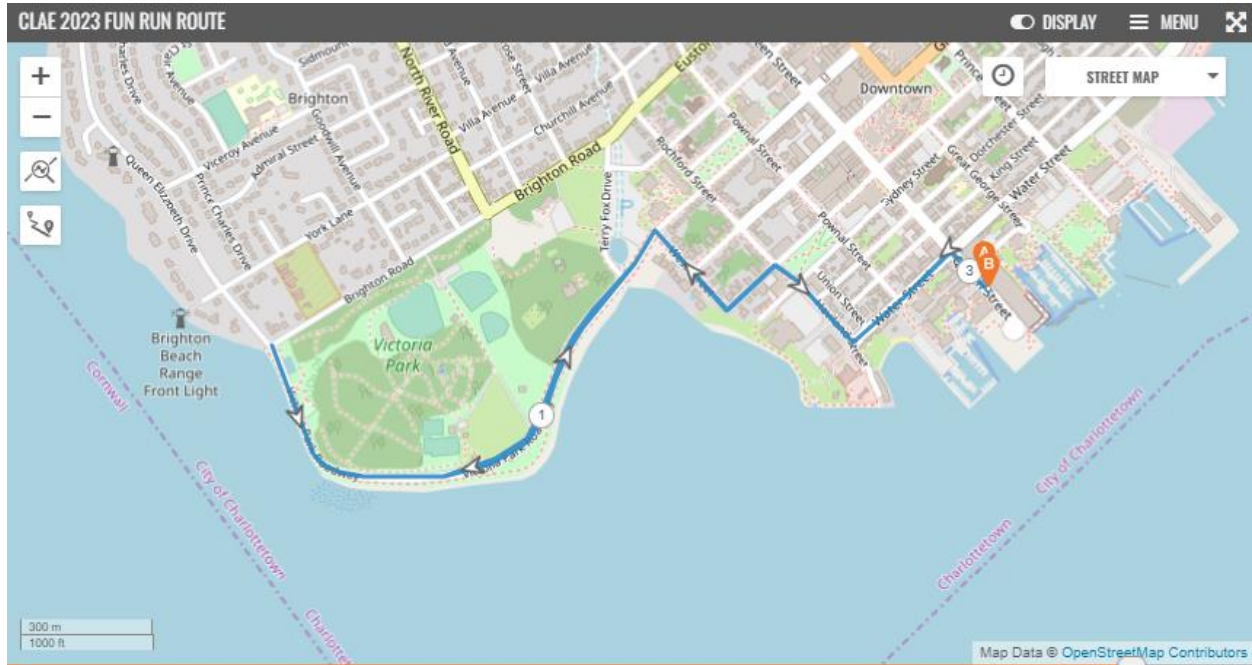
Ensemble, nous pouvons faire une différence pour le futur de l'épilepsie.

Aidez-nous à atteindre notre objectif de 5 000 \$ pour dépasser le financement des années précédentes et franchir une nouvelle étape en faisant un don aujourd'hui !

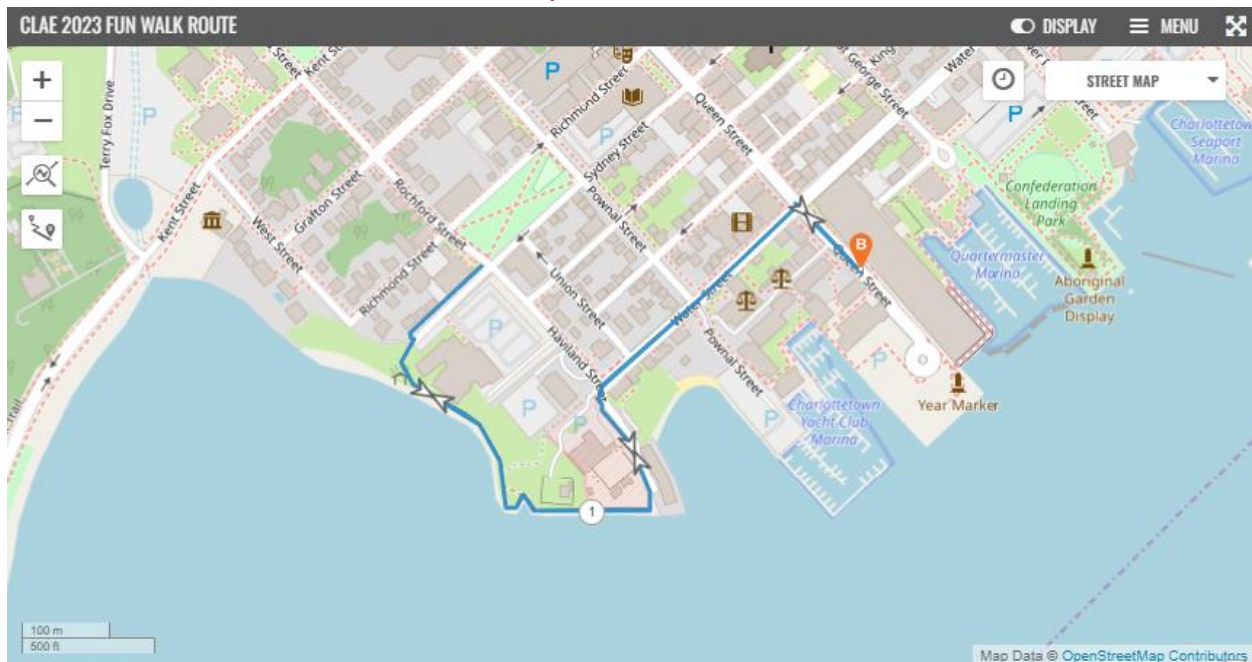
Visitez <https://claegroup.org/page-1816466> pour faire un don aujourd'hui ou consultez le bureau d'inscription !



RUNNING ROUTE / PARCOURS DE COURSE



WALKING ROUTE / PARCOURS DE MARCHÉ





Canadian League Against Epilepsy Annual Scientific Meeting

The CLAE is one of 98 chapters of the International League Against Epilepsy (ILAE). The CLAE is an organization of medical and basic sciences professionals counting more than 200 members, including physicians, basic scientists, researchers, nurses, neuropsychologists, students, and other health professionals. Our members are all keen to take advantage of their passion and knowledge in their respective fields to better respond to various basic needs of the epilepsy population, both present and future. We also work in collaboration with several organizations, such as the Canadian Epilepsy Alliance (CEA), the American Epilepsy Society, and the North American Commission of the ILAE. The CLAE Annual Scientific Meeting is the largest Canadian meeting of those who share the common scientific and clinical interests of epilepsy and clinical neurophysiology.

Mission Statement

CLAE will ensure that health professionals, people living with epilepsy and their care partners, governments, and the public nationwide have the educational resources and advocacy tools needed to understand, prevent, diagnose, and treat epilepsy. CLAE will achieve this by identifying needs, setting standards, and advocating for access to care and treatments, as well as facilitating research. We aim to promote national awareness by working closely with our partners in the Canadian Epilepsy Alliance, amongst others. Our mission and values are aligned with the International Leagues Against Epilepsy Strategy 2030.

Policy on Commercial Support and Conflict of Interest

All presenters and planners are required to disclose any conflict of interest during their presentations.

Overall Learning Objectives

At the end of this conference, participants will be able to:

- recognize emerging and innovative diagnostic/therapeutic options in epilepsy care in Canada and around the world;
- interpret and apply advanced algorithms for determining epilepsy surgical candidacy and advanced treatments of refractory epilepsy and its comorbidities; and
- reflect on and exemplify collaborative, multidisciplinary models of care for epilepsy patients.



Accreditation

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada.

This activity was approved by the Canadian Society of Internal Medicine for a maximum of 13.75 hours. Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to *AMA PRA Category 1 Credits™*. Information on the process to convert Royal College MOC credits to AMA credits can be found at www.ama-assn.org/go/internationalcme.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the Qatar Council for Healthcare Practitioners, healthcare practitioners participating in the QCHP CME/CPD program may record MOC Section 1 credits as QCHP Category 1 credits.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the European Board for Accreditation in Cardiology, Royal College MOC Section 1 credits are deemed to be substantively equivalent to EBAC CPD credits.

Physicians should only claim credit commensurate with the extent of their participation in the activity.



Réunion scientifique annuelle de la Ligue canadienne contre l'épilepsie

La CLAE est l'une des 98 sections de la Ligue internationale contre l'épilepsie (ILAE). Le CLAE est une organisation de professionnels de la médecine et des sciences fondamentales comptant plus de 200 membres, parmi lesquels des médecins, des spécialistes des sciences fondamentales, des chercheurs, des infirmiers, des neuropsychologues, des étudiants et d'autres professionnels de la santé. Nos membres sont tous désireux de mettre à profit leur passion et leurs connaissances dans leurs domaines respectifs pour mieux répondre aux différents besoins fondamentaux de la population épileptique, présents et futurs. Nous travaillons également en collaboration avec plusieurs organisations, telles que l'Alliance canadienne de l'épilepsie (CEA), l'American Epilepsy Society et la Commission nord-américaine de l'ILAE. Le congrès scientifique annuel du CLAE est le plus grand rassemblement canadien de ceux qui partagent les intérêts scientifiques et cliniques communs de l'épilepsie et de la neurophysiologie clinique.

Énoncé de mission

CLAE veillera à ce que les professionnels de la santé, les personnes vivant avec l'épilepsie et leurs partenaires de soins, les gouvernements et le public à l'échelle nationale disposent des ressources pédagogiques et des outils de promotion nécessaires pour comprendre, prévenir, diagnostiquer et traiter l'épilepsie. Le CLAE y parviendra en identifiant les besoins, en établissant des normes et en plaidant pour l'accès aux soins et aux traitements, ainsi qu'en facilitant la recherche. Nous visons à promouvoir la sensibilisation nationale en travaillant en étroite collaboration avec nos partenaires de l'Alliance canadienne de l'épilepsie, entre autres. Notre mission et nos valeurs sont alignées sur la stratégie 2030 des Ligues internationales contre l'épilepsie.

Politique sur le soutien commercial et les conflits d'intérêts

Tous les présentateurs et planificateurs sont tenus de divulguer tout conflit d'intérêts lors de leurs présentations.

Objectifs généraux d'apprentissage

A l'issue de cette conférence, les participants seront en mesure de :

- reconnaître les options diagnostiques et thérapeutiques émergentes et innovatrices dans le traitement de l'épilepsie au Canada et partout dans le monde;
- interpréter et appliquer des algorithmes avancés pour déterminer la candidature chirurgicale pour l'épilepsie et les traitements avancés de l'épilepsie réfractaire et de ses comorbidités ; et
- réfléchir et illustrer des modèles de soins collaboratifs et multidisciplinaires pour les patients épileptiques.



Accréditation

Cet événement est une activité d'apprentissage de groupe accréditée (section 1) telle que définie par le programme de maintien du certificat du Collège royal des médecins et chirurgiens du Canada.

Cette activité a été approuvée par la Société canadienne de médecine interne pour une durée maximale de 13,75 heures.

Grâce à un accord entre le Collège Royal des Médecins et Chirurgiens du Canada et l'American Medical Association, les médecins peuvent convertir les crédits MOC du Collège royal en crédits AMA PRA de catégorie 1TM. Des renseignements sur le processus de conversion des crédits MOC du Collège royal en crédits AMA sont disponibles à l'adresse www.ama-assn.org/go/internationalcme.

Grâce à un accord entre le Collège Royal des Médecins et Chirurgiens du Canada et le Qatar Council for Healthcare Practitioners, les professionnels de la santé participant au programme QCHP CME/CPD peuvent enregistrer les crédits MOC Section 1 en tant que crédits QCHP catégorie 1.

Grâce à une entente entre le Collège Royal des Médecins et Chirurgiens du Canada et le Conseil européen d'accréditation en cardiologie, les crédits de la section 1 du MOC du Collège royal sont réputés être substantiellement équivalents aux crédits de DPC de l'EBAC.

Les médecins ne devraient réclamer un crédit que proportionnellement à l'étendue de leur participation à l'activité.



PROGRAM

Friday, October 13, 2023

TIME	DESCRIPTION	ROOM
4:30 p.m.	Conference Check-in	Coat Check Foyer
4:30 p.m.	Welcome Reception: Exhibitor and Delegate Networking Opportunity	Hillsborough
5:30 p.m.	CLAE Annual General Meeting Members Only	Bedeque Cardigan
6:15 p.m.	Welcome and Presidential Lecture	
6:30 p.m.	Canadian Epilepsy Alliance / Alliance canadienne de l'épilepsie	
7:00 p.m. Keynote Speaker	<i>Wada Keynote Lecture</i> The Evolution of Epilepsy Surgery, and the Emergence of Biomarkers Dr. Jerome Engel Learning Objectives: At the end of the session, participants will be able to: <ul style="list-style-type: none"> • summarize how surgical therapy has advanced since it's modern introduction in the 1880s; • review current problems with the underutilization of surgery that need to be addressed; and • demonstrate why we need biomarkers and where they may come from. 	
8:00 p.m.	Wrap-up for the Day	
		Bedeque Cardigan



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
6:15 a.m.	CLAE Fun Run/Walk Join us for the 6 th CLAE Fun Run/Walk! <i>Meet at 6:10 a.m. in the hotel lobby</i>	Meet in hotel lobby
7:00 a.m.	Conference Check-in	Coat Check Foyer
7:00 a.m.	Breakfast and Exhibitor/Delegate Networking	Hillsborough
8:10 a.m.	Welcome and Introductions	Bedeque Cardigan
8:15 a.m. Plenary	<p><i>Marilyn Jones-Gotman Lecture in Cognitive Neurosciences</i> Advances in Neuropsychology Chairs: Dr. Mary Pat McAndrews and Dr. David Gold, University Health Network</p> <p>Topics and Speakers: Moving to a New Taxonomy of the Neurobehavioral Comorbidities of Epilepsy Dr. Bruce Hermann, University of Wisconsin School of Medicine and Public Health</p> <p>Opportunities and Challenges in Language fMRI Dr. Antonina Omissade, QEII Health Sciences Center</p> <p>When EEG and Neuropsychology are Discordant Dr. Lesley Ritchie, University of Manitoba</p> <p>How to Address Patient Expectations for Surgery and Rehabilitation Dr. Aziza Byron-Alhassan, The Ottawa Hospital</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> consider the heterogeneity of cognitive profiles that pose a challenge to the 'classic paradigm' in epilepsy neuropsychology; 	Bedeque Cardigan



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> identify challenges in localization of (dys)function in both cognitive and fMRI data for diagnosis and surgical outcomes; and apply new techniques to better address expectations that are meaningful to individual surgical candidates. <p>Target Audience: Epileptologists, epilepsy surgeons, nurse practitioners, neuropsychologists, other allied health professionals.</p>	
10:00 a.m.	Poster Tours	Malpeque
10:00 a.m.	Break and Exhibitor/Delegate Networking	Hillsborough
11:00 a.m.	Breakout Sessions	
Session 1-A	<p>Addressing the Restrictions and Mortality in the Lives of People with Epilepsy Chairs: Dr. Rajesh Ramachandran Nair, McMaster University, and Dr. Colin Josephson, University of Calgary</p> <p>Topics and Speakers: Why Do People with Epilepsy Have a Higher Mortality Rate? Dr. Colin Josephson, University of Calgary</p> <p>Diving Restrictions in PWE: Finding the Correct Balance Dr. Stephanie Woodroffe, Dalhousie University</p> <p>Suicide in PWE- Early Detection of Risk Factors and Prevention Dr. Steve Gibbs, Université de Montréal</p> <p>Can We Prevent SUDEP? Dr. Rajesh Ramachandran Nair, McMaster University</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> assess the risk factors for higher mortality in PWE; 	Cedar Elm



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> decide on the most balanced approach to counseling (and reporting) PWE regarding driving; choose the appropriate algorithm for the early detection of risk factors and prevention of suicide in PWE; and formulate a patient-specific plan for the prevention and counseling of SUDEP. <p>Target Audience: Adult and pediatric epileptologists, neurologists, neurology and epilepsy trainees, Nurse practitioners and nurses, social workers, and community epilepsy agencies.</p>	
Session 1-B	<p>Brainstem Seizures: Out of Sight, Out of Mind Chair: Dr. Peter Carlen, University Health Network and University of Toronto</p> <p>Topics and Speakers: Historical Perspective of Brainstem Seizures and Their Epilepsy and SUDEP in Animal Models Dr. Peter Carlen, University Health Network and University of Toronto</p> <p>The Role of Brainstem Seizures and Post-Ictal Vasoconstriction Leading to Hypoxia and SUDEP. Dr. Gordon Teskey, Cumming School of Medicine and Hotchkins Brain Institute</p> <p>Interactions of Kindled Cerebral and Brainstem Seizures: AI Analyses Dr. AmirReza Peimani, Krembil Research Institute, University Health Network</p> <p>Brainstem Seizures and Relevance to Human Epilepsy Dr. Richard Wennberg, University Health Network and Toronto Western Hospital</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p>	Bedeque Cardigan



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> summarize the history of brainstem seizure concepts; identify animal models of brainstem seizures; demonstrate effects of brainstem seizures on brainstem functions and relation to sudden unexpected death in epilepsy (SUDEP); review brainstem seizures: association with vasoconstriction and local potassium buffering; and review and analyze clinical evidence and relevance. <p>Target Audience: All healthcare personnel involved in the treatment of epilepsy.</p>	
12:45 p.m.	Lunch and Exhibitor/Delegate Networking	Hillsborough
1:45 p.m.	<p>Top Trainee Abstract Presentations Chair: Dr. Esther Bui, University of Toronto</p> <ol style="list-style-type: none"> Closed-Loop Control of Attention in Children Nebras Warsi, University of Toronto Detection of Focal to Bilateral Tonic-Clonic Seizures with a Smart Shirt Oumayma Gharbi, University of Montreal Polygenic Risk Effects of Temporal Lobe Epilepsy on Brain Structure in Typical Development Alexander Ngo, McGill University Anatomical Features Predicting Outcome from Stereotactic Laser Amygdalohippocampotomy Chris Zajner, Western University <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> appraise recent research projects in epilepsy; develop critical thinking on results of research projects; and apply the implications of recent research projects on current clinical practice in epilepsy. 	Bedeque Cardigan



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
3:00 p.m.	Breakout Sessions	
Session 2-A	<p>Neurophysiological Mapping of the Epileptic Focus with MEG, EEG and SEEG: Current Practice and Future Directions Chairs: Dr. Eliane Kobayashi, Montreal Neurological Institute, and Dr. Kevin Jones, McMaster University</p> <p>Topics and Speakers: Magnetoencephalography: Why, When, How Dr. Richard Wennberg, University Health Network</p> <p>Make It Easy and Use It: How to Make Neurophysiology Source Imaging Easy and Useful in Daily Clinical Practice Dr. Giovanni Pellegrino, Western University</p> <p>Source Imaging All Day Long: Relevance of Wakefulness and Sleep Dr. Marcus Ng, University of Manitoba</p> <p>Why You Should Always Consider and Often Apply SEEG: What Non-Invasive Neurophysiology Will Never Be Able to Tell You of the Epileptic Focus Dr. Ana Suller-Marti, Western University</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • describe the fundamentals of MEG, EEG and SEEG mapping protocols and summarize best practice guidelines; • review challenges and advantages of performing MEG/hdEEG and SEEG in clinical setting; • select practical tools for analysis of these techniques; • discuss how these techniques can be integrated; and • examine opportunities to easily bring these techniques in daily clinical practice. <p>Target Audience: Early Career (typically 0-5 years from completion of training) Mid-Career (typically 6-15 years from completion of training)</p>	Cedar Elm



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
	Senior (typically >15 years from completion of training)	
Session 2-B	<p>Integrating Artificial Intelligence into Clinical Epilepsy Practice Chairs: Dr. George Ibrahim, Hospital for Sick Children, and Dr. Nebras Warsi, University of Toronto</p> <p>Topics and Speakers: Clinical Applications for Artificial Intelligence and Machine Learning Dr. Lauren Erdman, Vector Institute for Artificial Intelligence</p> <p>Artificially Intelligent Neurostimulation for Drug-Resistant Epilepsy Dr. Taufik Valiante, Toronto Western Hospital</p> <p>Predicting VNS Outcomes Using T1-Weighted Imaging Dr. Hrishikesh Suresh, Hospital for Sick Children</p> <p>Neuroinformatics, Human Cognition, and the Epilepsy Brain Dr. Boris Bernhardt, Montreal Neurological Institute</p> <p>Outcome Prediction Based on Connectomic Modelling Dr. Dewi Schrader, BC Children's Hospital</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • define artificial intelligence, machine learning, and deep learning; • list five potential applications for artificial intelligence and machine learning in day-to-day clinical management of epilepsy; • recognize the advantages and limitations of different machine learning architectures based on their intended applications; and • define high-yield areas of focus for artificial intelligence and machine learning research in epilepsy. <p>Target Audience: Clinicians, residents, fellows, and trainees, scientists/researchers</p>	Bedeque Cardigan



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
4:45 p.m.	Break and Exhibitor/Delegate Networking	Hillsborough
5:00 p.m. (ends at 6:45 p.m.)	Breakout Sessions	
Session 3-A	<p>Sex and Gender Issues in Epilepsy: Caring for Females and Women of Reproductive Potential with Epilepsy Chairs: Dr. Esther Bui, University of Toronto, and Dr. Alexandra Carter, University of Saskatchewan</p> <p>Topics and Speakers:</p> <p>Transitional Care for Girls and Young Women with Epilepsy Dr. Anita Datta, University of British Columbia, Children's Hospital</p> <p>Fertility and Assisted Reproductive Therapies in WWE Dr. Esther Bui, University of Toronto, and Kyle Goldberger, University of Toronto</p> <p>Update on Emerging Evidence in Caring for WWE of Reproductive Potential Dr. Alexandra Carter, University of Saskatchewan</p> <p>Development of a Consortium for WWE research in North America Dr. P. Emanuela Voinescu</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • review important aspects of transitional care of girls and young women with epilepsy; • review fertility issues as it pertains to WWE and understand the available assisted reproductive therapies (ART) and their impact on disease stability; • summarize an update on evidence-based care for in women of reproductive potential with epilepsy (contraceptive options, international pregnancy registries, guidelines); and 	Cedar Elm



PROGRAM

Saturday, October 14, 2023

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> introduce the new North American Consortium for research WWE and identify opportunities to participate in research. <p>Target Audience: Medical trainees, neurologists, epilepsy specialists, neurosurgeons, nurse practitioners, nurses, social work, pharmacists, patient advocates</p>	
Session 3-B	<p>Controversies in Generalized Epilepsy - A Debate Chair: Dr. Jorge Burneo, Western University</p> <p>Topics and Speakers: How Many ASMs Do We Need to Try to Call It Refractory? Dr. Kristen Ikeda, Dalhousie University, and Dr. Kevin Jones, McMaster University</p> <p>Neurostimulation in Therapy-Resistant Generalized Epilepsy, Which One to Use? Dr. Cristina Go, University of British Columbia, and Dr. Jonathon Lau, Western University</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> recognize therapy-resistant generalized epilepsy and its use in clinical practice; formulate how to medically treat generalized therapy-resistant epilepsy; and appraise the indications for DBS and VNS in generalized therapy-resistant epilepsy. <p>Target Audience: Epileptologists, General Neurologists, Epilepsy surgeons, Fellows, Residents, Medical students, Allied Health</p>	Bedeque Cardigan
7:30 p.m.	<p>CLAE Gala Dinner (Tickets must be purchased in advance)</p>	Salt & Sol



PROGRAM

Sunday, October 15, 2023

TIME	DESCRIPTION	ROOM
7:00 a.m.	Conference Check-in	Coat Check Foyer
7:00 a.m.	Breakfast and Exhibitor/Delegate Networking	Hillsborough
7:25 a.m.	Welcome	Bedeque Cardigan
7:30 a.m.	<p>Ictal Semiology Chairs: Dr. Michelle-Lee Jones, Western University, and Dr. Anita Datta, University of British Columbia, Children's Hospital</p> <p>Adult Case 1 Dr. Miguel Arevalo, University of Ottawa</p> <p>Pediatric Case Dr. Aoife O'Carroll, University of Manitoba</p> <p>Adult Case 2 Dr. Andrea Salmon, University of Calgary</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • demonstrate how semiology may be used to localize seizure onset and propagation; and • demonstrate the clinical elements to reconstruct seizure onset and propagation pattern of ictal discharge. <p>Target Audience: Epileptologists, epilepsy surgeons, general neurologists, fellows, residents, medical students, allied health professionals</p>	Bedeque Cardigan
8:30 a.m. Plenary	<p>Savoy Plenary Session Epilepsy Genetics: Actionable Epilepsy Genes Chairs: Dr. Cyrus Boelman, BC Children's Hospital, University of British Columbia, and Dr. Lysa Boissé Lomax, Queen's University</p>	Bedeque Cardigan



PROGRAM

Sunday, October 15, 2023

TIME	DESCRIPTION	ROOM
	<p>Topics and Speakers:</p> <p>Introduction Cyrus Boelman, BC Children's Hospital, University of British Columbia</p> <p>How a Genetic Diagnosis Impacts Presurgical Evaluation and Surgical Outcomes in Drug-Resistant Epilepsy Paula Marques, McMaster University</p> <p>The Genetics of Focal Cortical Dysplasia Myriam Srour, McGill University</p> <p>The Challenge of Somatic Mutations: How to Investigate and How They Impact Surgical Results Karl Martin Klein, University of Calgary</p> <p>Sirolimus as a Bridge to Epilepsy Surgery Anita Datta, BC Children's Hospital, University of British Columbia</p> <p>Personalized Treatments in Sodium Channelopathies: Focus on SCN1A, SCN8A and SCN2A Danielle Andrade, Toronto Western Hospital, University of Toronto</p> <p>Gene Replacement, Gene Editing, and ASO's: A Focus on CHEO's Angelman Syndrome Gene Therapy Experience Erick Sell, Children's Hospital of Southeastern Ontario, University of Ottawa</p> <p>Final Questions and Concluding Remarks Lysa Boissé Lomax (Kingston Health Sciences Centre, Queen's University)</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> examine the impact of genetic biomarkers on epilepsy surgery assessments and outline next steps on how to incorporate genetic analysis in the future to aid guiding surgical decision and outcomes; 	



PROGRAM

Sunday, October 15, 2023

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> review the current landscape of precision genetic therapy development in epilepsy, including antisense oligonucleotides, gene editing and gene replacement; discuss the unique clinical phenotypes, functional variants and therapeutic options available to patients with DEE associated with specific sodium channel pathogenic variants, including SCN1A, SCN8A, and SCN2A; and summarize gene-specific trials that are being run within Canada. <p>Target Audience: Adult neurologists, pediatric neurologists, epileptologists, neuroradiologists, neurosurgeons, neurophysiologists, residents, epilepsy fellows, nurses, medical geneticists, genetic counsellors, EEG technologists, nurse practitioners, medical students.</p>	
10:15 a.m.	Break and Exhibitor/Delegate Networking	Hillsborough
10:45 a.m.	Breakout Sessions	
Session 4-A	<p>Sleep Disturbances in Epilepsy – Emerging Significance in Planning Comprehensive Management Strategies Chair: Dr. Garima Shukla, Queen’s University</p> <p>Topics and Speakers: Sleep Disruptions and Impact of Sleep Deprivation in Epilepsy Dr. Rama Maganti, University of Wisconsin <i>Presenting virtually</i></p> <p>Understanding the Roles of REM Sleep in Assessing and Managing Epilepsy Dr. Marcus Ng, University of Manitoba</p> <p>Circadian Sleep Wake Rhythm Disorders and Epilepsy Dr. Milena Pavlova, Brigham and Women’s Hospital, Harvard Medical School</p>	Cedar Elm



PROGRAM

Sunday, October 15, 2023

TIME	DESCRIPTION	ROOM
	<p>Unravelling Sleep Features Associated with Important Epilepsy Comorbidities Dr. Garima Shukla, Queen's University</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • discuss GABAergic mechanisms of sleep deprivation-induced neuronal hyperexcitability and the impact of sleep deprivation on epilepsy; • obtain an overview of circadian rhythm sleep wake disorders and the interaction of the circadian system with epileptic seizures; • understand the roles of REM sleep in assessing and managing epilepsy; and • review exciting new information on the associations of sleep with important epilepsy comorbidities and their prognostic and therapeutic significance. <p>Target Audience: Epileptologists, neurologists, epilepsy nurses, epilepsy/sleep technologists, epilepsy and neurology trainees (fellows and residents)</p>	
Session 4-B	<p>Cortical Stimulation: Advantages and Pitfalls Chairs: Dr. Ana Suller-Marti, Western University, and Dr. Elisabeth Simard Tremblay, McGill University</p> <p>Topics and Speakers: Types of Cortical Stimulation: SEEG and in the Operating Room Dr. Jonathon Lau, Western University</p> <p>Controversies of Cortical Stimulation Dr. Donald Gross, University of Alberta</p> <p>The Role and Challenges of Cortical Stimulation in the Paediatric Presurgical Investigation Dr. Puneet Jain, Hospital for Sick Children</p>	Bedeque Cardigan



PROGRAM

Sunday, October 15, 2023

TIME	DESCRIPTION	ROOM
	<p>Cortical Stimulation: How Can Affect Epilepsy Surgery Outcomes Dr. Ana Suller-Marti, Western University</p> <p>Learning Objectives: At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> • differentiate the different types of cortical stimulation, why they are used and how cortical stimulation is performed; • recognize the history and skepticism of cortical stimulation; • describe High-Frequency Stimulation and Low-Frequency Stimulation; • identify the challenges in children that undergo Cortical Stimulation; • explore opportunities to easily bring these techniques into daily clinical practice; and • evaluate the potential benefit of CS in epilepsy surgery outcome. <p>Target Audience: Early Career (typically 0-5 years from completion of training) Mid-Career (typically 6-15 years from completion of training) Senior (typically >15 years from completion of training)</p>	
12:30 p.m.	On-the-Go Lunch	Coat Check Foyer



ABSTRACTS / RÉSUMÉS

Posters will be on display throughout the conference in the Malpeque room. The poster tour will be held Saturday, October 14, 10:00 a.m. – 11:00 a.m. Authors are required to stand by their posters for Q&A during this time. For complete abstracts, please refer to the 2023 CLAE Book of Abstracts available online: <https://claegroup.org/Program-and-Book-of-Abstracts/>

Des affiches seront exposées tout au long de la conférence dans la salle Malpeque. La tournée des affiches aura lieu le samedi 14 octobre, de 10h00 à 11h00. Les auteurs doivent être présents près de leurs affiches pour les questions et réponses pendant cette période. Pour les résumés complets, veuillez vous référer au Livre des résumés du CLAE 2023 disponible en ligne : <https://claegroup.org/Program-and-Book-of-Abstracts/>

NO.	NEUROIMAGING
5	<p>Assessment of Excitation/Inhibition (E/I) From Resting State Magnetoencephalography (MEG) and its Relationship With Cortical Thickness in Temporal Lobe Epilepsy (TLE) Patients</p> <p>Giovanni Pellegrino¹, Victoria Ros², Eliane Kobayashi²</p> <p>¹Western University, London Health Science Center ²MNI-McGill, Montreal, Quebec</p>
6	<p>Clinical Utility of Advanced Neuroimaging Techniques in Preoperative Workup of Epilepsy</p> <p>Andrea Ellsay¹, Madeline Hopkins¹, Lysa Lomax¹, Garima Shukla¹, Donald Brien¹, Ada Mullett², Ron Levy¹, Gavin Winston¹</p> <p>¹Queen's University ²Newfoundland and Labrador Psychology Board</p>
7	<p>Association Between Capillary Blood Glucose Levels and FDG-PET Grey Matter Signal Variation in Patients With Refractory Epilepsy</p> <p>J. Oliver Neal, Ian Macdonald, Benjamin Whatley</p> <p>Dalhousie University</p>
8	<p>Combined Resting-State Functional MRI and Functional Near-Infrared Spectroscopy in Preoperative Language Mapping in Children With Drug-resistant Epilepsy</p> <p>Juan Santiago Botta, Renee-Marie Raguett, Ling kai Tang, Greydon Gilmore, Matea Zuljevic, Andrea V. Andrade, Michael T. Jurkiewicz, Emma G. Duerden, Roy Eagleson, Sandrine de Ribaupierre, Maryam Nabavi Nouri</p> <p>Western University</p>
9	<p>Evaluation of Abnormalities of Neural Synchronization in Epilepsy Using Movie-Driven fMRI</p> <p>Hana H Abbas, Daniella Ladowski, Alenka Bullen, Mark O'Reilly, Ali Khan, David Steven, Seyed M Mirsattari, Suzan Brown, Ingrid Johnsrude</p> <p>Western University</p>



POSTERS

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10	<p>Investigation of Cortical Thickness Changes in First Time Unprovoked Seizure Subjects Keza Motlana, Ali Khan</p> <p><i>Western University</i></p>
11	<p>Magnetoencephalography Source Connectivity Analysis in Patients With Temporal Plus Epilepsy Amirhossein Jahani, Denahin H. Toffa, Manon Robert, Elie Bou Assi, Dang K. Nguyen</p> <p><i>University of Montreal</i></p>
12	<p>Normative Modelling of Hippocampal Morphology in Epilepsy Mohamed Yousif¹, Jordan Dekraker², Jayme Arts¹, Greydon Gilmore¹, Jonathan Lau¹, Ali Khan¹, Ana Suller Marti¹</p> <p>¹<i>Western University</i> ²<i>Montreal Neurological Institute</i></p>
13	<p>The Effect of Previous Surgery on Magnetic Source Reconstruction in Pediatric Drug-Resistant Epilepsy Eleanor Hill¹, Jeremy Moreau², Erica Minato¹, Marc Lalancette¹, Elisabeth Simard-Tremblay³, Roy W.R. Dudley³, Sylvain Baillet¹</p> <p>¹<i>Montreal Neurological Institute and Hospital, McGill University</i> ²<i>University of Calgary, Calgary, AB, Canada</i> ³<i>Montreal Children's Hospital, McGill University</i></p>
NO.	CLINICAL EPILEPSY / EEG / ANTIEPILEPTICS
14	<p>Characterization of the Functional Connectivity in Patients With PNES: A Resting-state and Movie-driven fMRI Study Gaby Moscol¹, Seyed Mirsattari¹, Maryam Mofrad², Loxlan Kasa², Ali Khan², Brittney Castrilli³, Lyle Muller²</p> <p>¹<i>Schulich School of Medicine and Dentistry, Western University</i> ²<i>Western Institute of Neuroscience, Western University</i> ³<i>University Hospital, London Health Sciences Center</i></p>
15	<p>CORE-VNS 12-Month Safety and Efficacy in Generalized Tonic-Clonic Seizures Ana Suller Marti¹, Ryan Verner², Mark Keezer³, Andrea Andrade¹, Martin Veilleux⁴, Jorge Burneo¹, Kenneth Myers⁵</p> <p>¹<i>Western University</i> ²<i>LivaNova PLC (or a subsidiary), Houston, TX, USA</i> ³<i>Université de Montréal</i> ⁴<i>Montreal Neurological Institute and Hospital</i> ⁵<i>Research Institute of the McGill University Medical Center</i></p>
16	<p>Epilepsy in Adults with Neurofibromatosis Type 1: Prevalence, Phenotype, and Genotype Julien Hebert¹, Robert de Santis³, Raymond Kim², Vera Bril², Aylin Reid^{2,3}</p> <p>¹<i>Columbia University</i> ²<i>University Health Network</i> ³<i>University of Toronto</i></p>



POSTERS

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17	<p>High Health Care Use is Partially Reversed by a Diagnosis of Late Onset Epilepsy Marta Berglund¹, Arturo Gonzalez-Inzquierdo¹, Spiros Denaxas¹, Tolulope Sajobi², Samuel Wiebe², Colin Josephson²</p> <p>¹University College London ²University of Calgary</p>
18	<p>Perampanel for Treatment of Focal and Generalized Epilepsy in Everyday Clinical Practice: Evidence From PERMIT Extension Eugen Trinkla¹, Robert T Wechsler², Wendyl D'Souza³, Tony Wu⁴, Imad Najm⁵, Leock Y Ngo⁶, Rob McMurray⁷, Vicente Villanueva⁸</p> <p>¹Christian-Doppler University Hospital, Paracelsus Medical University, Salzburg, Austria ²Idaho Comprehensive Epilepsy Center, Boise, ID, USA ³St Vincent's Hospital Melbourne, The University of Melbourne, Victoria, Australia ⁴Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Taoyuan, Taiwan ⁵Cleveland Clinic, Cleveland, OH, USA ⁶Eisai Inc, Nutley, NJ, USA ⁷Eisai Europe Ltd, Hatfield, Hertfordshire, UK ⁸Hospital Universitario y Politécnico La Fe, Valencia, Spain</p>
19	<p>Efficacy and Safety of Perampanel in a Placebo-Controlled, Phase III Study With an Open-Label Extension in Patients With Seizures Associated With Lennox-Gastaut Syndrome (LGS) Brenda Porter¹, Ryutaro Kira², Jeehun Lee³, Alec Aeby⁴, Anna Patten⁵, Leock Ngo⁶</p> <p>¹Stanford University, Palo Alto, CA, USA ²Fukuoka Children's Hospital, Fukuoka, Japan ³Sungkyunkwan University School of Medicine, Seoul, Republic of Korea ⁴Université Libre de Bruxelles, Brussels, Belgium ⁵Eisai Europe Ltd., Hatfield, Hertfordshire, UK ⁶Eisai Inc., Nutley, NJ, USA</p>
20	<p>ELEVATE Study 410: Assessment of Cognition (EpiTrack®) Following Perampanel (Monotherapy/First Adjunctive) in Patients With Epilepsy and a History of Psychiatric/Behavioral Events Vineet Punia¹, Omar Samad², Leock Y Ngo², Dinesh Kumar², Manoj Malhotra</p> <p>¹Charles Shor Epilepsy Center, Cleveland Clinic, OH, USA ²Eisai Inc., Nutley, NJ, USA</p>
21	<p>A Video is Worth a Thousand Words: The Use of Home Videos in Pediatric Neurology Meena Kadiwal</p> <p><i>The Hospital for Sick Children</i></p>
22	<p>Women With Epilepsy: What Can We Do Better? Carmela Redhead¹, Jayme Arts¹, Panagiota Tryphonopoulos², Michelle-Lee Jones¹, David Diosy¹, Jorge Burneo¹, Seyed Mirsattari¹, Ana Suller Marti¹</p>



POSTERS

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	<p>¹London Health Sciences Centre, Western University ²Western University</p>
23	<p>A Protocol for Multimodal Prediction of Seizure Recurrence After Unprovoked First Seizure to Guide Clinical Decision Making Brooke Beattie¹, Antonina Omisade², Gavin Winston¹</p> <p>¹Queen's University ²Nova Scotia Health</p>
24	<p>Identifying a Cognitive Profile of Drug Resistant Focal Insular Epilepsy Kailey Wilock¹, Antonina Omisade²</p> <p>¹Dalhousie University ²Nova Scotia Health</p>
25	<p>Calling All Women: The Shared Lived Experiences of Epilepsy Women Professionals Ana Suller Marti¹, Elma Paredes Aragon², Alina Ivaniuk³, Jayme Arts⁴, Angelina Kakooza Mwesige⁵, Nancy Volkens⁶, Manuela Ochoa-Urrea⁷</p> <p>¹Western University, London Health Sciences Centre ²National Institute of Neurology and Neurosurgery, Mexico City, México ³Epilepsy Center, Neurological Institute, Cleveland Clinic, Cleveland, USA ⁴London Health Sciences Centre, Western University ⁵Department of Pediatrics and Child Health, Makerere University, Kampala, Uganda. ⁶International League Against Epilepsy ⁷The University of Texas Health Science Centre at Houston, Houston, Texas, United States</p>
26	<p>Electropositive Epileptiform Discharges After Cardiac Arrest Gary Hunter¹, G Bryan Young², Mohammadreza Pourhaj¹</p> <p>¹University of Saskatchewan ²Grey Bruce Health Services</p>
27	<p>Evaluating the Management and Assessment of Seizures on the Epilepsy Monitoring Unit: A Quality Improvement Project Braydon Connell¹, Krista Biggs², Marlee Richardson², Stephanie Woodroffe¹, Kristin Ikeda¹, Benjamin Whatley¹</p> <p>¹Dalhousie University/Queen Elizabeth II Health Sciences Centre ²Queen Elizabeth II Health Sciences Centre</p>
28	<p>Focal to Bilateral Tonic-Clonic Seizure Detection Based on Respiration Using a Wearable Yassine Lamrani¹, Laura Gagliano², Jérôme St-Jean², Oumayma Gharbi², Dènahin Hinnoutondji Toffa², Thi Phuoc Yen Tran², Amirhossein Jahani², Manon Robert, Dang Khoa Nguyen², Elie Bou Assi²</p> <p>¹University of Montreal ²University of Montreal Hospital Research Center (CRCHUM)</p>
29	<p>Fostering Continuous Education in Epilepsy: A Virtual Teaching Initiative by the Canadian League Against Epilepsy</p>



POSTERS

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	<p>Gianluca D'Onofrio¹, Rajesh RamachandranNair², Aylin Reid^{3,4}, Eliane Kobayashi⁵, Kevin Jones², Esther Bui⁴, Tadeu Fantaneanu⁶, Juan Pablo Appendo^{7,8}</p> <p><i>¹Ste-Justine Hospital, University of Montreal</i> <i>²McMaster University</i> <i>³Krembil Research Institute, University Health Network</i> <i>⁴University of Toronto</i> <i>⁵Montreal Neurological Institute, McGill University</i> <i>⁶University of Ottawa</i> <i>⁷Alberta Children's Hospital</i> <i>⁸University of Calgary</i></p>
30	<p>Frontal Lobe Phasia: Intact Language Despite Secondary Seizure Generalization Angela Young, Marcus Ng</p> <p><i>University of Manitoba</i></p>
31	<p>Keep Calm and Carry On: Panic Attack Induced Focal Seizures in a Patient With a Large Parietal Arteriovenous Malformation Emma Woo¹, Colin Josephson², Karl Martin Klein²</p> <p><i>¹University of Calgary</i> <i>²Cumming School of Medicine, Calgary</i></p>
32	<p>Localizing and Lateralizing Value of Auditory Phenomena in Seizures: A Narrative Review H��l��ne Cossette-Roberge¹, Jimmy Li¹, Dang Khoa Nguyen²</p> <p><i>¹Centre Hospitalier de l'Universit�� de Sherbrooke (CHUS)</i> <i>²Centre de recherche du Centre Hospitalier de l'Universit�� de Montr��al (CRCHUM)</i></p>
33	<p>National Consensus for Epilepsy Fellowship Education in Canada (Delphi Round 1): At What Stage Should Learning Objectives be Met? Carlos Ivan Salazar Cerda¹, John Jeddore³, Anita Datta⁴, Kristin Ikeda⁵, Gianluca Gianluca D'Onofrio⁶, Esther Bui²</p> <p><i>¹The Hospital for Sick Children</i> <i>²Toronto Western Hospital, University of Toronto</i> <i>³Nova Scotia Health Authority</i> <i>⁴British Columbia Children's Hospital, University of British Columbia</i> <i>⁵Dalhousie University</i> <i>⁶Centre Hospitalier Universitaire Sainte-Justine</i></p>
34	<p>Patient Safety in Canadian Epilepsy Monitoring Units: A Survey of Current Practices Jimmy Li¹, Emmanuelle Nguyen², Dang Khoa Nguyen³, Elie Bou Assi²</p> <p><i>¹Centre hospitalier universitaire de Sherbrooke</i> <i>²Centre de recherche du centre hospitalier universitaire de Montr��al</i> <i>³Centre hospitalier universitaire de Montr��al</i></p>
35	<p>Real World Practices for the Care of Women With Epilepsy – A Canadian Perspective</p>



POSTERS

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	<p>Hayley Thornton¹, Tadeu Fantaneanu³, Tinghua Zhang³, Eduard Bercovici², Chantelle Hrazdil⁴, Kristin Ikeda⁵, Janani Kassiri⁶, Ana Suller Marti⁷, Raluca Pana⁸, Arezoo Rezazadeh³, Esther Bui²</p> <p>¹University of Calgary ²University of Toronto ³University of Ottawa ⁴University of British Columbia ⁵Dalhousie University ⁶University of Alberta ⁷Western University ⁸McGill University</p>
36	<p>Scalp Electrodermal Activity as Localizing Sign in Epileptic Seizures Kia Gilani, Apameh Tarazi, Richard Wennberg</p> <p>University of Toronto</p>
37	<p>Screening and Management of Depression in People With Epilepsy: A Quality Improvement Study Imane Injar, Dang Khoa Nguyen, Elie Bou Assi</p> <p>University of Montreal Hospital Research Center (CRCHUM)</p>
38	<p>Successful Treatment of Temporal Lobe Status Epilepticus with Short Course Acetazolamide Monotherapy in a Patient with Anti-LG11 Encephalitis Kia Gilani, Apameh Tarazi, Richard Wennberg</p> <p>University of Toronto</p>
39	<p>The Canadian Epilepsy Teaching Network (CETN), Virtual Electroencephalography Training Program Experience Maria Shock¹, Kristal Cerga¹, Rajesh RamachandranNair¹, Aylin Reid², Esther Bui², Eliane Kobayashi³, Kevin Jones¹</p> <p>¹McMaster University ²University of Toronto ³Montreal Neurological Institute and Hospital</p>
40	<p>AnxEpiVR: Designing Virtual Reality Exposure Scenarios to Treat Anxiety in People With Epilepsy in a 3-Phase Clinical Trial Hannah Gray¹, Danielle Tchao³, Samantha Lewis-Fung³, Susanna Pardini⁴, Lora Appel²</p> <p>¹Western University ²York University, UHN OpenLab, Michael Garron Hospital ³UHN OpenLab ⁴University of Padova, Italy</p>
41	<p>Disrupted Signal Flow and Functional Connectivity Subspaces in Declarative Memory Networks of Temporal Lobe Epilepsy Donna Gift Cabalo¹, Jordan DeKraker¹, Ke Xie¹, Jessica Royer¹, Raul Rodríguez-Cruces¹, Neda Bernasconi², Andrea Bernasconi², Jonathan Smallwood³, Lorenzo Caciagli⁴, Elizabeth Jeffries⁵, Boris Bernhardt¹</p>



POSTERS

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	<p>¹McGill University ²Montreal Neurological Institute and Hospital ³Queens University ⁴University of Pennsylvania ⁵University of York</p>
42	<p>Health-Related Quality of Life in Transgender Persons With Epilepsy Karina Tassiopoulos¹, Ernesto Gonzalez-Giraldo², Codie Primeau^{3,4}, Emily Johnson⁵</p> <p>¹Western University ²University of California ³Arthritis Research Canada ⁴University of British Columbia ⁵Johns Hopkins School of Medicine</p>
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44	<p>Improving Epilepsy Care in Ontario, Canada: The Impact of the Provincial Strategy for Epilepsy Care Tresah Antaya¹, Brooke Carter², Salimah Shariff², Lysa Boissé Lomax³, Elizabeth Donner⁴, Kirk Nylén⁵, O Carter Snead III⁵, Jorge Burneo¹</p> <p>¹Western University ²ICES Western ³Queen's University ⁴The Hospital for Sick Children ⁵University of Toronto</p>
45	<p>Physiological Changes in Focal Impaired Awareness Seizure Recorded by a Smart Shirt Jérôme St-Jean, Oumayma Gharbi, Yassine Lamrani, Denahin Hinnoutondji Toffa, Manon Robert, Dang K. Nguhen, Elie Bou Assi</p> <p>Université de Montréal/CRCHUM</p>
46	<p>Prognosis After Whole Genome Sequencing of Adult Patients with Lennox-Gastaut Syndrome Quratulain Zulfiqar Ali, Caihong Ji, Robert De Santis, Farah Qaiser, Tara Sadoway, Danielle Andrade</p> <p>Toronto Western Hospital</p>
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	<i>¹Department of Public Health Sciences, Queen's University ²University of Ottawa Sleo Research Laboratory</i>
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