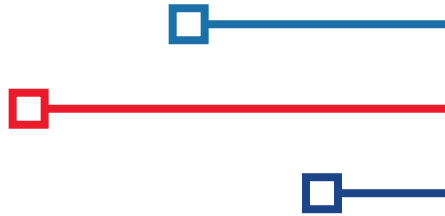


# CANADIAN ANESTHESIOLOGISTS' SOCIETY



**2022**  
ANNUAL REPORT



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## ABOUT CAS

The Canadian Anesthesiologists' Society (CAS) is the national specialty society for anesthesiology in Canada. The CAS was founded in 1943 as a not-for-profit, voluntary organization and is guided by its vision of transformative patient care, with its mission to serve members and advance the specialty through leadership, advocacy, education, and research. CAS represents more than 2,500 members (anesthesiologists, FP anesthesiologists, residents, Anesthesia Assistants) across Canada and around the world.

## MISSION STATEMENT

Serving Members and advancing the specialty through leadership, advocacy, education and research

VISION

Transformative Patient Care

# JOINT STATEMENT OF THE CEO AND PRESIDENT

2022 was a year of significant renewal and progress for the Canadian Anesthesiologists' Society. In the midst of a chronic anesthesiologist shortage and surgical backlog, both made worse by the pandemic, our organization focus remained on advocacy. We continued to ensure that Canadians receive safe, physician administered anesthesia care through the following initiatives:

- the creation of position statements supporting access to **abortion health care** and rejecting the **introduction of CRNA's** in Canada
- the start of meetings with provincial governments to address health human resource shortages
- the fostering of relationships with Health Canada to address issues surrounding medication and equipment shortages
- extensive media coverage and a CAS Town Hall to inform both the public and our members about the nationwide epidural shortage
- the recruitment of a new CEO with extensive experience in government relations

The provision of value for our membership remained a consistent priority for the CAS. In 2022, we delivered one Section 3 CPD Module and seven **virtual webinars** on a wide variety of topics suggested by our members. This year also marked the return of our first in person Annual Meeting since 2019. Held in Halifax, Nova Scotia (with a virtual option), this event included 74 accredited sessions and attendance was marked at over 800 registrants. The degree of participation in all of these educational events demonstrated a high level of engagement from our members. The over 6% increase in our membership in 2022 also suggests that we are headed in the right direction with our efforts to serve our members.

Our annual Research and Honour **Awards Program** recognized 32 individuals who demonstrated excellence and achievement, including two long-time CAS leaders receiving the inaugural Outstanding Volunteer Award.

As part of our commitment to modernize and grow as an organization, the National Office underwent a digital transformation. This included an updated membership portal and streamlined renewal process. Thanks to our dedicated office staff's enormous efforts, this major transition was very smoothly carried out.

We look forward to several key initiatives in 2023, including the development of a new strategic plan and beginning a thorough review of our governance structure. We also plan to expand on our government relations work, which will include establishing a Board subcommittee on Public Affairs, forging partnerships with like-minded organizations, and continuing our engagement with policy makers. The CAS would like to thank all members for their ongoing support which enables us to carry out these activities on your behalf, and our leaders for helping us deliver mission.

Respectfully,



**Dr Lucie Filteau MD, FRCPC**  
President



**Vanessa Foran, CAE**  
CEO



**CANADIAN  
ANESTHESIOLOGISTS'  
SOCIETY**



One of our primary goals is advocacy; CAS strives to be the voice of the profession, a recognized source for anesthesiologists, government and media. We continue to expand our advocacy efforts aiming to build collaborative relationships with government at the federal, provincial, and territorial levels, and are moving forward with our issues management work focusing on health human resources and safety concerns. Below were key 2022 concerns.

## Certified Registered Nurse Anesthetists

Since 2021 a vital focus of CAS has been to support our colleagues in British Columbia in combating the plan to introduce Certified Registered Nurse Anesthetists (CRNAs) as a new health profession in BC. The Canadian Anesthesiologists' Society **does not** support the introduction of CRNAs – either independent practice or supervised – into the Canadian healthcare system.

Support included releasing a **position statement** on CRNAs and engaging a government relations firm to assist with engaging stakeholders. Our position is that CAS firmly rejects the adoption of CRNAs in Canada. Anesthesia should remain as a physician led domain of medicine, with a specialty trained (FRCPC) anesthesiologist or Family Practice Anesthetist (FPA) providing care, with the support of Anesthesia Care Teams, using a principle of delegation, not substitution.

## Epidural Catheter Shortage

In July 2022 CAS learned of an epidural catheter shortage which heavily affected the clinical service areas of obstetrics, as well as postoperative analgesia (for major abdominal/thoracic surgery) and chronic pain/palliative care. To raise awareness and ensure patient care CAS participated in over 20 media interviews regarding the subject in July and August. During this time CAS engaged Health Canada to alert them of the shortage and to unearth the source of the issue. This engagement determined there was a shortage of the ink used for the markers on the catheter. On August 10, 2022, with the leadership of our Obstetrics Section, Regional and Acute Pain Section, CAIRS Committee and CAS Executive Committee, CAS held an emergency “CAS Town Hall: Epidural Catheter Kit/Medical Device Shortages” to inform on the shortage. This included providing an update on what was currently known, an ethical approach to allocating medical resources, labour analgesia alternatives, postop analgesia alternatives, and an opportunity for questions.

## Freedom of Choice in Abortion

In July 2022 CAS released a statement on the “**Freedom of Choice in Abortion Health Care**” CAS advocates that safe abortion care is essential to protect the health and lives of people around the world.

In 2023, we will build on our advocacy efforts by meeting with provincial governments to address health human resource shortages and surgical back logs, and continue to strengthen our relationships with Health Canada to address medication and equipment shortages.

For a full list of CAS advocacy efforts, visit [www.cas.ca/advocacy](http://www.cas.ca/advocacy)



# MEMBERSHIP MATTERS – 2022 MEMBERSHIP SUMMARY

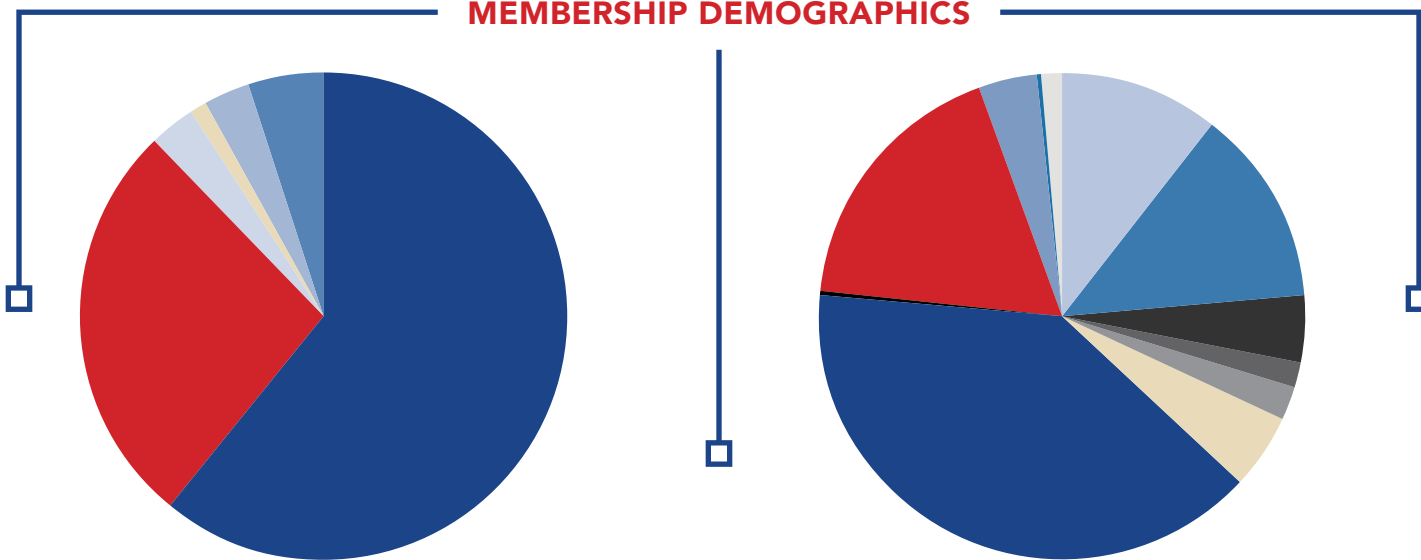
Membership in the Canadian Anesthesiologists' Society (CAS) is an investment in the anesthesia community as well as individuals' own career path, keeps our members ahead of the curve with the latest clinical and technical innovations, research and political developments.

CAS members are part of a large community of engaged anesthesiologists, residents, fellows, medical students, anesthesia assistants, and other medical professionals who share a common vision of transformative patient care, and our mission of advancing the specialty through leadership, advocacy, education, and research. We are proud of our members and the work to do to further the profession, and the Society.

## Supporting Canadian Residents

As part of our efforts to support both the profession, and address the HHR shortage, CAS provides **complimentary membership** to anesthesia residents during the entirety of their five-year residency. In 2022 we took steps to make it easier for anesthesia residents to continue their professional citizenship post-certification. Newly certified anesthesiologists now receive significant discounts on fees in years one, two and three of practice, at 60%, 40% and 20% discounted respectively. This is our way of showing our support and recognition of the hard work required to become an anesthesiologist, above and beyond the complimentary membership provided during residency.

## MEMBERSHIP DEMOGRAPHICS



### 2022 Membership Types

61%	Anesthesiologists
27%	Residents
3%	Medical Students
1%	Emeritus*
3%	Retired
5%	Others in the Practice of Anesthesia

### Memberships by Province

10.6%	Alberta	39.5%	Ontario
13.2%	British Columbia	0.3%	PEI
4.3%	Manitoba	17.5%	Quebec
1.7%	New Brunswick	4.1%	Saskatchewan
2.3%	Newfoundland	0.1%	Yukon & Northwest Territories
5.1%	Nova Scotia	1.3%	Foreign

## A YEAR OF LEARNING – EDUCATION

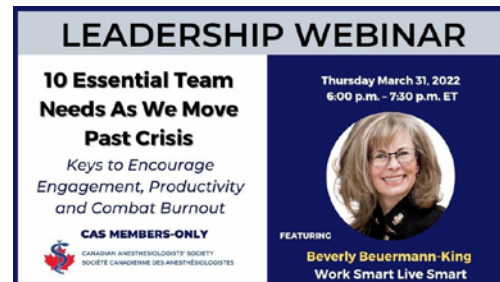
Providing our members with education, which are often **member-exclusives free for members**, is a goal of the Society. Where possible, education is accredited to ensure members can maintain their credentials. The dedication of CAS members in our sections and committees who volunteer their time and expertise enabled a robust educational calendar in 2022.

This year we increased educational offerings and provided seven webinars organized by CAS, six webinars sponsored by our partners, one CPD module and our first hybrid annual conference.

### Introduction of Leadership Skills

Our 2021 Needs Assessment revealed members wanted training on non-medical topics like leadership/management, wellness and interpersonal skills. To fulfill these needs CAS offered two leadership skills session by professional coaches:

#### “10 Essential Team Needs As We Move Past Crisis”



**LEADERSHIP WEBINAR**

**10 Essential Team Needs As We Move Past Crisis**

Keys to Encourage Engagement, Productivity and Combat Burnout

**CAS MEMBERS-ONLY**

THURSDAY MARCH 31, 2022  
6:00 p.m. - 7:30 p.m. ET

FEATURING  
**Beverly Beuermann-King**  
Work Smart Live Smart

#### “Success Through Emotional Intelligence”



CANADIAN ANESTHESIOLOGISTS' SOCIETY  
SOCIÉTÉ CANADIENNE DES ANESTHÉSIOLOGISTES

**CAS Members Webinar:**  
“Success through Emotional Intelligence”

NOVEMBER 23, 2022  
7:00 p.m. - 8:00 p.m. ET

FEATURED SPEAKER  
Fiorella Calocchia, CHRL CMC

Join us for this fast-paced webinar where we will share the secrets of highly successful professionals and how they differentiate themselves.

### Neuroanesthesia National Virtual Rounds

Thanks to the leadership of our Neuroanesthesia Section the Society provided quarterly accredited rounds on a variety of neuroscience topics from “Severe Adult Idiopathic Scoliosis – A Case Study” to “TIVA in Neurosurgery – An Update” to name a few. Their efforts are the reason this was possible. In 2023 year, we continue the series with Rounds in February, April, September and November.

[View the Neuroanesthesia round page](#)

### CPD Module

For those who prefer to learn at their own pace we launched the CPD Module “Anesthetic Consideration for Endovascular Treatment Of Acute Ischemic Stroke” to enable members to obtain needed Section 3 credits.

[View a full list of available CPD modules](#)

# ANNUAL MEETING – Halifax, June 24-26, 2022

## Our First In-Person AND Virtual Conference

CAS was thrilled to return to an in-person Annual Meeting from June 24 – 26, 2022 in beautiful Halifax, Nova Scotia. To accommodate those unable to travel there was a virtual option, accomplishing our **first** ever hybrid conference! The conference contained 74 accredited sessions and attendance was marked at over 800 registrants. We thank everyone who made the CAS Annual Meeting possible, including our delegates, section and committee volunteer leaders, speakers, exhibitors, supporters and partners.



**Annual Meeting – Halifax, June 24-26, 2022**

**FRIDAY JUNE 24**

The Annual Meeting unofficially kicked off with a Welcome Reception, including lots of delicious food, complimentary drink tickets, and the opportunity to mingle with fellow delegates amongst the exhibitors. The evening wrapped up with the CARF Dinner Event at Alexander Keith's Brewery.

**SATURDAY JUNE 25**

The conference began with the Opening Ceremony with keynote speaker Dr Jillian Horton with her talk entitled "Patients First, But What's Next? Moving Towards a More Relational Culture Even During a Pandemic". Throughout the day there were workshops on POCUS and patient safety and Test-Enhanced Learning sessions on subjects from perioperative pain management to ethics.

The Residents' Oral Competition was one of our most viewed hybrid sessions and five residents competed. The first day of learning ending with the President's Party a classic down-home East Coast celebration.

**SUNDAY JUNE 26**

Day two began with the inaugural "Women in Anesthesia Breakfast", featuring Dr Amy Pearson, American Society of Regional Anesthesiology and Pain Medicine (ASRA) 2022 Annual Meeting Chair. Hosted by Dr Dolores McKeen, the goal of this event was to bring together women (and their supporters) in the profession, to network and create a community of support.

The President's Session featured outgoing President, Dr Dolores McKeen, discussing "Advocacy and Activities of the Canadian Anesthesiologists' Society". As with Saturday sessions covered: chronic pain, perioperative care, cardiovascular and thoracic, regional and acute pain, patient safety, obstetric, neuroanesthesia, critical care, and environmental sustainability and more.

The Annual Meeting closed with a toast to celebrate all our award winners. Immediately after this the CASIEF Dinner began, where Dr Jochen Hinkelbein discussed "Anesthesia and Resuscitation in Space".

**We hope everyone that attended the 2023 Meeting found it to be a great event!**



**Looking Forward to 2023 and Beyond**

Moving into 2023 there will be more webinars on a variety of topics developed by your fellow members and professional speakers alike, in addition to a variety of formats for learning, from webinars, to on-demand modules to an in-person conference. If you have an idea for a session; please reach out to [National Office](#).



# CELEBRATING OUR MEMBERS

Each year, the Canadian Anesthesiologists' Society awards its prestigious member Honour Awards to celebrate the diverse representation of anesthesiologists across Canada and their achievements. The program is a lasting call to recognize outstanding members and their contributions to the advancement of anesthesia, and we are counting on our members to nominate their colleagues and help us shine a light on their inspiring careers.



**Clinical Teacher Award**  
Dr Hesham Talab

University of Ottawa



**John Bradley Young Educator Award**  
Dr Natalie Clavel

University of Toronto



**Clinical Practitioner Award**  
Dr Gabriele Baldini

McGill University



**Humanitarian Award**  
Dr Alexandre Dauphin

McMaster University



**Emeritus Award**  
Dr Davy Cheng

Western University



**Research Recognition Award**  
Dr Andre Denault

Université de Montréal



**Gold Medal**  
Dr Philip Peng

University of Toronto

## 2022 HONOUR AWARDS PROGRAM

It was our privilege to present the following distinctions:

## NEW IN 2022 – Outstanding CAS Volunteer Award

In 2022 we created the CAS Outstanding Volunteer Award to recognize our remarkable volunteer leaders and acknowledge their impact and efforts. We are an organization that exists and thrives due to the dedication and passion of its members who donate their time, member input is critical to CAS' accomplishments and to the development and empowerment of anesthesiologists across the country and internationally. This distinction is awarded to up to two CAS members who have made a significant and sustained contribution to the Society and has helped improve its image.

**The inaugural CAS Outstanding Volunteer Award winners were:**



**Dr Doreen Yee, Toronto, ON**



**Dr James Kim, Vancouver, BC**



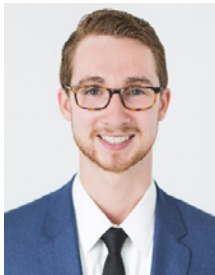
Dr James Kim, President Dr Dolores McKeen, Dr Doreen Yee at the 2022 CAS Annual Meeting

## CAS RESEARCH PROGRAM

Since 1985 the CAS Research Program has been providing support to researchers in anesthesia who are CAS members through a peer-reviewed research competition adjudicated by our Research Advisory Committee. The Program administers around \$200,000 annually, through the efforts of the Canadian Anesthesia Research Foundation (CARF) and the generous donations of our members and supporters.

We received a total of 26 applications from five provinces (Alberta, British Columbia, Nova Scotia, Ontario, and Quebec) and awarded the following Research Program winners.

### 2022 Winners



**Ontario's Anesthesiologists –  
CAS Residents' Research Grant**  
**\$10,000.00**

**Dr John Peel**



**Dr James Beckstead  
Award**  
**\$20,000.00**

**Dr Harsha Shanthanna**



**Canadian Anesthesiologists'  
Society Research Award**  
**\$30,000.00**

**Dr Kazuyoshi Aoyama**



**Dr Earl Wynands  
Research Award**  
**\$10,000.00**

**Dr Michael Sklar**



**Dr R A Gordon Research  
Award**  
**\$20,000.00**

**Dr Philippe Richebé**



**CAS Research Award in  
memory of Adrienne Cheng**  
**\$10,000.00**

**Dr David Ogez**



**CAS Career Scientist Award  
in Anesthesia**  
**\$60,000.00**

**Dr Manoj Lalu**

## 2022 KEY HIGHLIGHTS

- Offered Career Scientist Award and several operating grants in three categories: Residents, New Investigators, and Open awards.
- Launched Dr James Beckstead Award – a grant for researching Innovation in Anesthesia and/or Enhanced Recovery. This is a new investigator grant, created to support applicants who have commenced independent practice or received their first faculty appointment within five years of the application deadline
- The debut of section-specific awards in Education and Simulation in Anesthesia Section and the Obstetric through a partnership between the CAS sections, CARF and the Research Advisory Committee.

## BEST ABSTRACTS

An exciting part of the CAS Annual Meeting is finding out which are the best abstracts and winners of the oral competitions. The conference offers residents and certified anesthesiologists the opportunity to share their research and compete for a best abstract award in the appropriate category.

**We were pleased to announce the following winners in 2022:**



**Award For Best Abstract In Obstetric Anesthesia (Residents)**

**Dr Brendan Morgan**



**Award For Best Abstract In Obstetric Anesthesia (Anesthesiologists)**

**Dr Natalia Portela**



**Award For Best Abstract In Pediatric Anesthesia**

**Dr Katherine Impey**



**Award For Best Abstract In Perioperative Medicine**

**Dr Paula Perez**



**Award For Best Abstract In Regional Anesthesia And Acute Pain**

**Dr Maxime Caron-Goudreau**



**Award For Best Abstract In Ambulatory Anesthesia**

**Dr Tripti Nagdev**



**Award For Best Abstract In Chronic Pain**

**Dr Maggie Z.X. Xiao**



**Award For Best Abstract In Education And Simulation In Anesthesia**

**Dr Sabine Nabecker**

...continued on page 13

...continued from page 12



**Canadian Anesthesiologists' Society Critical Care Medicine Award**

**Dr Louis Morisson**

**MEDICAL STUDENT PRIZE**

The Medical Student Prize is an essay competition seeking to increase awareness among undergraduate medical students of the specialty of anesthesia and the role of anesthesiologists in modern healthcare.

**2022 winners:**



**Raymond Martineau Prize**

**Dr Kyle Chin**



**Medical Student Prize FIRST PLACE**

**Dr Michael Paille**



**Ian White Patient Safety Award**

**Dr Tariq Esmail**



**Medical Student Prize SECOND PLACE**

**Dr Dmitry Neymark**



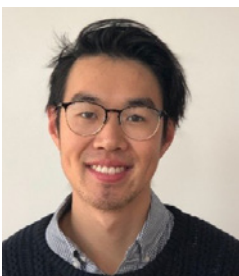
**Richard Knill Competition**

**Dr Clyde Matava**



**Medical Student Prize THIRD PLACE**

**Dr Bridgette Chan**



**1st Place Residents' Oral Competition**

**Dr Chenchen Tian**



**CANADIAN ANESTHESIOLOGISTS' SOCIETY**



## Canadian Journal of Anesthesia Journal canadien d'anesthésie

*Excellence in research and knowledge translation in anesthesia, pain, perioperative medicine, and critical care / L'excellence en recherche et en transfert des connaissances en anesthésie, en douleur, en médecine périopératoire et en soins critiques*

# CANADIAN JOURNAL OF ANESTHESIA

## MISSION STATEMENT:

"Excellence in research and knowledge translation in anesthesia, pain, perioperative medicine, and critical care"



We have published the *Canadian Journal of Anesthesia* since 1954. It is published monthly; article types consist of invited Editorials, Reports of Original Investigation (clinical and basic sciences articles), Case Reports/Case Series, Review Articles, Systematic Reviews, accredited Continuing Professional Development (CPD) modules, and Letters to the Editor.

The *Journal* is a collaboration between both staff and volunteer committee efforts. After 22 years at the *Journal*, Carolyn Gillis retired; Fatima Khan was welcomed as the new Editorial Assistant in March 2022. Under the leadership of the current Editor-in-Chief, Stephan K. W. Schwarz MD, PhD, FRCPC, the *Journal* has made gender equity a focus. Fifty percent of the current members of the Editorial Board are women; this is the first time this has occurred in the *Journal's* history.

The publication collaboration agreement with the Canadian Critical Care Society has been renewed. In addition to expanding gender representation, the *Journal* has increased Critical Care representation with welcoming two new Critical Care Associate Editors and three new Critical Care Editorial Board members.

To continue to diversify content and meet the needs of readers, new Guest Editor positions for Equity, Diversity and Inclusion (EDI) and Global Health & Sustainability have been created. In August 2022, a special issue on *Postoperative Opioid Analgesia* was produced. Going into 2023 more special issues are in the pipeline, including an ambitious project on Death Definition and Determination in Canada and one dedicated to EDI on Anesthesiology and Critical Care.

The *Journal's* team received 1011 submissions in 2022 which resulted in 240 accepted articles, 218 which were published in 2022.

We ended 2021 with a

**JOURNAL IMPACT**

**FACTOR OF**

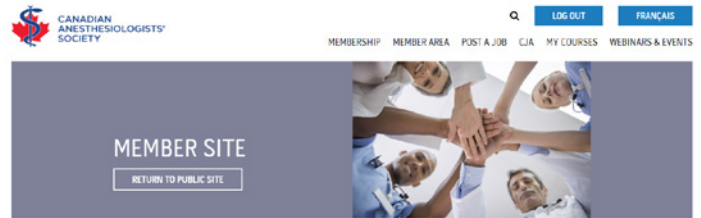
**6.713**

the highest  
in the  
*Journal's*  
history.

This is an improvement from the 2020 score of 5.063. Our 2021 Scopus CiteScore has also increased to **7.6** in 2021 versus 6.1 in 2020. We are pleased with the *Journal's* dedication to continuous improvement.

# FOCUS ON COMMUNICATIONS

In 2022, we have continued to improve on our member and external communications, including a new member portal, social media and national newsletter expansion.



## CANADIAN ANESTHESIOLOGISTS' SOCIETY (CAS) MEMBER SITE

Welcome to the Canadian Anesthesiologists' Society (CAS) Members Website.

Here you can update and manage your profile, join and/or renew your CAS membership and access members only resources that provide vital information related to the Canadian Anesthesiologists' Society.

## Member Portal and Database Transformation

CAS launched a new member portal in 2022. The new user-friendly interface features a member dashboard, event recordings, an extensive resource library, online course access, survey requests, job forms and easy event access.

[CLICK HERE to login to the portal and explore](#)

## Social Media and Newsletter Expansion

In 2022 CAS added an organizational page on LinkedIn. LinkedIn has allowed CAS to provide key updates to a professional audience, including important advocacy and anesthesia news.

All of CAS' feeds provide updates on key events, advocacy news, award timelines, educational opportunities, member updates, and much more.



One of the most popular communication vehicles is *Anesthesia News*, the quarterly national newsletter published by CAS – it is a newsletter by the members for the members. It includes news and reports highlighting the advocacy work of CAS committees and sections, member accomplishments, ways to get involved and updates on the CAS Annual Meeting.

[www.cas.ca/newsletter](http://www.cas.ca/newsletter)

## QUALITY AND PATIENT SAFETY COMMITTEE

In 2021, the Quality and Patient Safety Committee initiated a collaboration with the CAIRS committee, focused on improving patient safety and disseminating information on reported safety incidents to bring awareness and help inform anesthesiologists throughout the country. The first result of this new partnership was the creation of a Safety Bulletin in the CAS quarterly newsletter, *Anesthesia News*. In addition to Safety Bulletins, the committee began work on a Medication Safety Webinar for 2023 and assisted the Standards Committee on the *Guidelines to the Practice of Anesthesia*.

### June 2022 – Medication Safety

#### COMMITTEE FOCUS – QUALITY AND PATIENT SAFETY BULLETIN

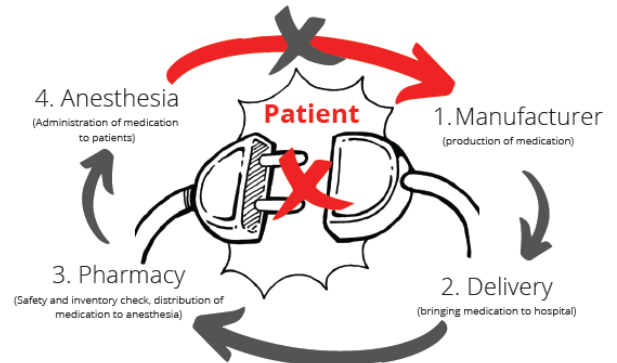


CAS QUALITY AND PATIENT SAFETY COMMITTEE BULLETIN

#### MEDICATION SAFETY LOTTO: CAN YOU SPOT THE IMPOSTER?



*Shortages & back-orders of medication supplies increasingly result in multiple changes to formulations & labelling of medications used in clinical anesthesia care. This bulletin serves to provide minimum expectation of practicing anesthesiology departments, independent practitioners, pharmacy departments & industry*



## COMMITTEE HIGHLIGHTS

Our committees exist to educate, provide guidance, and serve the membership. Below is a selection of activities our committees accomplished in 2022.



## STANDARDS COMMITTEE

The primary focus of Standards is to provide annual updates to the *CAS Guidelines to the Practice of Anesthesia*. New additions incorporated include: collaborating with the Physician Wellness Committee to embed wellness and equity standards, and working with the Environmental Sustainability Section on how we can show leadership in our ORs to reduce our carbon footprint and waste.

[CLICK HERE for 2023 Guidelines](#)

GUIDELINES TO THE PRACTICE OF ANESTHESIA  
Revised Edition 2023  
*Canadian Journal of Anesthesia*  
Volume 70, number 1

How does this edition differ from the 2022 Guidelines?  
Several important content changes have been made and they are highlighted in **bold** in the text. Some of the more important changes include:

- The recommendation that fellowship-certified anesthesiologists engage with family physicians trained to provide anesthesia care (FPAs) to offer peer support, mentoring, and continuing education opportunities to the extent possible.
- The statement that supplemental oxygen delivery equipment must be exclusively available for the transport of patients recovering from general anesthesia and moderate/deep procedural sedation. The routine application of supplemental oxygen is recommended for these patients during transport.
- Fasting guidelines have changed. Before elective procedures requiring anesthesia, the minimum duration of fasting should be six hours after any meal containing solids. There is no longer a distinction related to the type or quantity of solid foods with respect to the duration of fasting. As always, fasting guidelines may be modified at the discretion of the physician.
- A new statement that health facilities must make access available to selective relaxant-binding reversal agents for anesthesiologists to permit immediate reversal of neuromuscular blockade induced by aminosteroid nondepolarizing muscle relaxants when required.
- The continuous monitoring of patient core temperature is now required for cases of general anesthesia lasting greater than thirty minutes. It is recommended for neuraxial anesthesia lasting greater than thirty minutes. Apparatus to measure temperature has been added to the list of monitors that must be exclusively available for all patients. Active patient warming equipment has been added to the list of equipment that must be immediately available for all patients.
- The recommendation that the total, cumulative dosages of local anesthetic medications administered to a patient (e.g., by surgeons, anesthesiologists, and acute pain/regional block services combined), be discussed by the care team and documented in the patient's health record.
- An entirely new and important section has been added to the Guidelines for the Revised Edition 2023 entitled **Guidelines for Environmental Sustainability**. It serves to increase awareness and to draw attention to the very important leadership role that anesthesia can play within health facilities with respect to the mitigation of climate change and waste. It includes some specific suggestions, but not an exhaustive list, for departments and individual anesthesiologists to consider on their pathway to supporting environmental sustainability.

GUIDE D'EXERCICE DE L'ANESTHÉSIE  
Édition révisée 2023  
*Journal canadien d'anesthésie*  
Volume 70, numéro 1

Comment cet énoncé diffère-t-il des Lignes directrices de 2022?  
Plusieurs modifications importantes ont été apportées au contenu; elles sont soulignées en gras dans le texte. Parmi les modifications les plus importantes, citons :

- La recommandation que les anesthésiologistes certifiés ayant complété leur spécialisation s'impliquent, dans la mesure du possible, auprès des médecins de famille formés pour fournir des soins anesthésiques (AMF) afin d'offrir du soutien par les pairs, du mentorat et des possibilités de formation continue.
- L'énoncé selon lequel le matériel nécessaire à l'administration d'oxygène supplémentaire doit être disponible exclusivement pour le transport des patients qui se remettent d'une anesthésie générale et d'une sédation procédurale modérée ou profonde. L'application systématique d'oxygène supplémentaire est recommandée pour ces patients pendant le transport.
- Les directives de jeûne ont changé. Avant les interventions non urgentes nécessitant une anesthésie, la durée minimale du jeûne devrait être de six heures après tout repas contenant des solides. Il n'y a plus de distinction liée au type ou à la quantité d'aliments solides en ce qui concerne la durée du jeûne. Comme toujours, ces recommandations de jeûne peuvent être modifiées à la discrétion du médecin.
- Une nouvelle déclaration selon laquelle les établissements de santé doivent rendre accessibles aux anesthésiologistes des agents de neutralisation se liant de manière sélective aux relaxants musculaires afin de permettre la neutralisation immédiate du bloc neuromusculaire induit par les myorelaxants non dépolarisants aminostéroïdes lorsque nécessaire.
- Le monitoring continu de la température centrale du patient est désormais requis pour les cas d'anesthésie générale d'une durée supérieure à trente minutes. Il est recommandé pour une anesthésie neuraxiale de plus de trente minutes. Les appareils de mesure de la température ont été ajoutés à la liste des moniteurs qui doivent être exclusivement disponibles pour tous les patients. L'équipement de réchauffement actif des patients a été ajouté à la liste des équipements qui doivent être immédiatement disponibles pour tous les patients.
- La recommandation selon laquelle les doses cumulatives totales de médicaments anesthésiques locaux administrés à un patient (p. ex. par les chirurgiens, les anesthésiologistes et les services combinés de traitement de la douleur aiguë et des blocs régionaux) soient discutées par l'équipe de soins et consignées dans le dossier médical du patient.
- Une toute nouvelle section importante a été ajoutée au Guide pour l'édition révisée 2023, intitulée **Lignes directrices pour la pérennité environnementale**. Cette section a pour objectif d'accroître la conscientisation et d'attirer l'attention sur le rôle majeur de leadership que l'anesthésie peut jouer dans les établissements de santé en ce qui concerne l'atténuation des changements climatiques et du gaspillage. Elle comprend quelques suggestions spécifiques, et non une liste exhaustive, de mesures que les départements et les anesthésiologistes peuvent prendre en compte dans leur cheminement vers le soutien de la pérennité environnementale.

## ARCHIVES AND ARTIFACTS

On top of regular contributions to *Anesthesia News* (the creation of the Anesthesia History Corner), a project of the committee has been conducting interviews with the living CAS past presidents who are able and willing to share their stories and experiences. This oral history initiative will help to preserve the memory of some of the leading anesthesiologists in Canada, contextualize the major shifts in anesthesia practice in Canada during the preceding decades, and also provide biographical vignettes of these fascinating and very interesting individuals. The transcripts from these interviews will be made available on the [CAS website](#) later in 2023. In addition the committee is looking forward to celebrating our 80<sup>th</sup> year in 2023.

[CLICK HERE for more CAS History](#)

## CEPD Accreditation

As an accredited CPD provider of the Royal College of Physicians and Surgeons of Canada, CAS can review and accredit Section 1 and Section 3 (Self-Assessment Program & Simulation) activities and can engage in co-development projects with non-physician organizations.

In 2022, we successfully processed 12 accreditation applications comprising 38 accreditation activities, ranging in complexity from a one-hour webinar to multi-day conferences with multiple Section 1 streams and Section 3 activities. We approved over 160 hours of CME credits for CAS and seven other organizations, addressing all the CanMEDS roles (105 hours of Section 1, 45.75 hours of Section 3 SAP and 12.5 hours of Section 3 SIM). Compared to the previous year, there was a notable shift in the ratio of virtual and in-person events, with almost a complete return to in-person activities.

**12** ACCREDITED APPLICATIONS

**160** HOURS OF CME CREDITS

WITH **38** EDUCATION ACTIVITIES



To access detailed committee reports,  
[CLICK HERE](#)

## SECTION HIGHLIGHTS

Our sections are self-forming segments of the membership who focus on a particular sub-specialty, practice profile or professional interest. Below is a selection of activities our sections accomplished in 2022.

## NEUROANESTHESIA

### National Virtual Round Series

The **Canadian Anesthesiologists' Society Neuroanesthesia Section National Virtual Round Series** was established in October 2021, with the goal to bring the latest knowledge in the field to the section's members and the wider CAS membership and to provide a forum for discussion. Through the section's initiative and leadership, we were able to host four rounds with speakers from across Canada (Calgary, Toronto, Ottawa, Montréal and British Columbia) and reach over 280 CAS members, out of which 18% were Neuroanesthesia Section members. Each round consisted of two presentations followed by a discussion, and the topics ranged from multimodal analgesia in spine surgery to updates on anesthesia and mechanical thrombectomy for acute ischemic stroke. We are excited to continue the rounds in 2023, with dates in February, April, September and November.



CAS NEUROANESTHESIA SECTION PRESENTS: 

NATIONAL VIRTUAL ROUNDS

2023 Dates:  
February, April, September, November

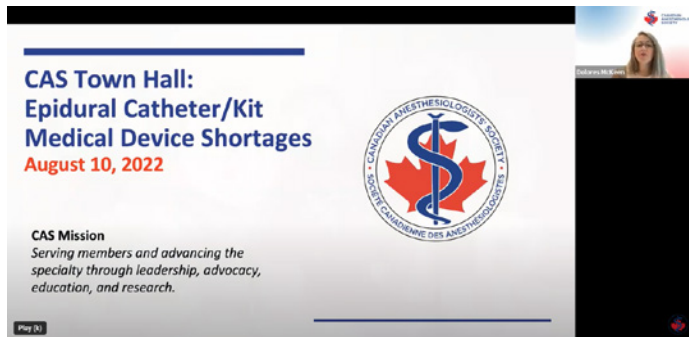
 [WWW.CAS.CA/NEURO-EVENTS](http://WWW.CAS.CA/NEURO-EVENTS)

## RESIDENTS

The Residents Section aims to create a connected community of anesthesiology residents across Canada and deliver programming to anesthesiology residents. Our team of residents from across Canada has been active in promoting resident engagement in CAS, including in-person events at the 2022 CAS Annual Meeting. This included hosting a panel of Academic Anesthesiologists that discussed various forms of academic careers in Anesthesia. In addition, the Resident's Competition returned to in-person, a popular oral presentation of the top-rated abstracts submitted by Residents to the CAS Annual Meeting.

## OBSTETRICS

The Obstetrics Section was instrumental in helping to prepare for the “CAS Town Hall: Epidural Catheter Kit/Medical Device Shortages” in particular in outlining alternate labour analgesia options and answering questions live during the webinar.



## CARDIOVASCULAR AND THORACIC SECTION

The section funded and created the Dr Earl Wynands CVT Section research grant. The grant will include \$15,000 from the section, \$15,000 from the CARF, for a total of \$30,000 to the grant winner. Full details on the grant are available on the [Research Program website](#).

## REGIONAL AND ACUTE PAIN SECTION

The section had a record number of 11 sessions at the Annual Meeting, including four Ultrasound Workshops. The section also was an active part of the “CAS Town Hall: Epidural Catheter Kit/Medical Device Shortages” (providing excellent feedback during the question answer period), and participated in a UK-led Worldwide RA research priorities Delphi project.



To access detailed section reports,

**CLICK HERE**

## THE CANADIAN ANESTHESIA RESEARCH FOUNDATION (CARF)

CARF was founded in 1979 to administer funds and provide support to Canadian researchers in anesthesia who are members of the Canadian Anesthesiologists' Society. These funds are essential in ensuring the stability of anesthesia research in Canada.



Various fundraising efforts were achieved in 2022. For the third year, we accomplished the "CHANGE 4 CARF" campaign that supports the Career Scientist Award, succeeding in raising \$9,350.00. CARF enacted an online campaign for Giving Tuesday on November 29<sup>th</sup> resulting in online donations from CAS members.

CARF gave out \$150,000 toward the CAS Research Program in 2022, [see page 11](#) for more details. The grand total raised in 2022 was almost \$59,000. Thank you for all our generous donors!

To see 2022 winners of the Research Program [see page 11](#).



Canadian Anesthesia Research Foundation  
La Fondation canadienne de recherche en anesthésie

## FOUNDATIONS

The Canadian Anesthesia Research Foundation (CARF)

The Canadian Anesthesiologists' Society International Education Foundation (CASIEF)



CARF Annual Event at CAS Annual Meeting, Alexander Keith's Brewery in Halifax

## THE CANADIAN ANESTHESIOLOGISTS' SOCIETY INTERNATIONAL EDUCATION FOUNDATION (CASIEF)

Founded in 1996, The Canadian Anesthesiologists' Society International Education Foundation supports partners in low and middle-income countries in expanding their anesthesiology workforce to improve perioperative care, critical care and pain management. The lack of trained personnel and equipment create massive barriers to care, CASIEF works to remedy this.



In 2022 CASIEF had three Global Health Fellows provide education in programs in Kigali and Ethiopia. Their prolonged stays (three to six months) provide great continuity for the residents, and the ability to work on special projects such as Simulation courses.

CASIEF also resumed volunteer visits to Rwanda, with Dr Terri Skelton spending three months teaching and developing a blood transfusion course. CASIEF is excited to have been a sponsor at the All-Africa Anesthesia Congress, which was hosted in Kigali in September, and numerous CASIEF and other Canadian faculty attended and presented, as well as leading courses in education.

In September, Joel Parlow, CASIEF Chair and lead for our newest partnership, made the first teaching visit to Harar, in Eastern Ethiopia. Similarly, volunteer travel is resuming to assist in teaching in Guyana. The pandemic has helped us focus on our on-site and virtual roles within the program curricula, and we look forward to incorporating this as we move back towards in-person academic and clinical teaching. CASIEF has also been exploring opportunities to contribute to education in remote and rural areas of Canada.



To access detailed foundation reports,

**CLICK HERE**



# MEET THE CAS TEAM

CAS Board of Directors, CAS Staff,  
Standing Committees, Section  
Executive Members, *Canadian Journal  
of Anesthesia* Board and Foundation  
Boards as of December 31, 2022

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## Resident Representative

Dr Joel Sardinha

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Mack Chabelski

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**Membership and Database Coordinator:** Angela Chen

**CJA Editorial Assistant:** Fatima Khan



**CANADIAN  
ANESTHESIOLOGISTS'  
SOCIETY**

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## STANDING COMMITTEES

The CAS President or Executive Liaison is included on all committees.

### Annual Meeting

**Chair:** Dr Adriaan Van Rensburg

### Scientific Affairs

(Annual Meeting Sub Committee)

**Chair:** Dr Tim Turkstra

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Dr Juan-Francisco Asenjo  
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 Dr Alain Deschamps  
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 Dr Gregory Hare  
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 Dr Trevor Lee  
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 Mr Adam Gillis  
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 Dr Natalie Goucher  
 Dr Niveditha Karuppiah  
 Dr April (YiChen) Liu  
 Dr H el ene Pellerin, **Royal College Anesthesiology Committee Representative**  
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 Dr Peter Slinger  
 Dr Sanjho Srikandarajah  
 Dr Richard Waldolf  
**CJA Editor in Chief:** Dr Stephan Schwarz  
**Annual Meeting Committee Chair:** Dr Adriaan Van Rensburg

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Dr Ushma Shah

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Dr Giuseppe Fuda, **CAS Vice President**

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Ms Kamilla Molnar, **CAS Director, Finance**

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Dr Claudia Gomez

Dr Vit Gunka

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Dr Jennifer Klinck

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Dr Brittany Prevost

Dr Mandeep Singh

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Dr Laura Duggan

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Dr Alexander Gregory

Dr Donald Griesdale

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Dr Mathieu Nadeau-Vallée

Dr James Paul

Dr Phillipe Richebé

Dr Herman Sehmbi

Dr Harsha Shanthanna

Dr Melissa Shears

Dr Kathryn Sparrow

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Dr Alexis Turgeon  
Dr Vishal Uppal  
Dr Adriaan Van Rensburg

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Dr Gregory Hare  
Dr Melissa Shears  
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**SIM Olympics Representative:** Dr Brigitta Riley

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**Senior Resident Representative:** Dr Jenny Hoang Nguyen

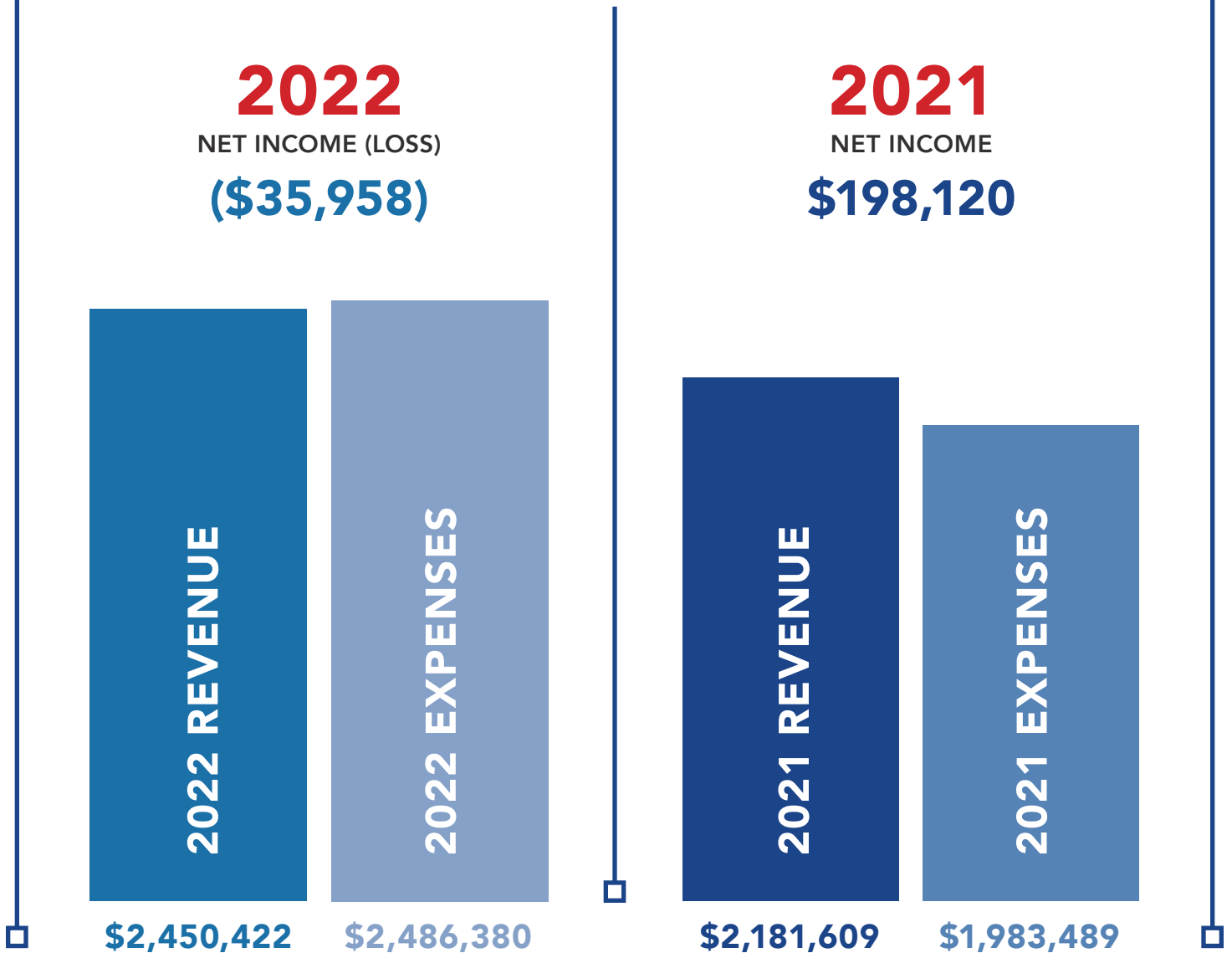
**Junior Resident Representative:** Dr Ahmed Abbas

# 2022 FINANCIAL SUMMARY

CANADIAN ANESTHESIOLOGISTS' SOCIETY | SOCIÉTÉ CANADIENNE DES ANESTHÉSIOLOGISTES

## STATEMENT OF OPERATIONS

FOR THE YEAR ENDED DECEMBER 31, 2022



To access detailed financial report,

[CLICK HERE](#)



CANADIAN  
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