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CMBES/SCGB Monthly e-Bulletin

December 2016

Message From the President

From the desk of the CMBES President, Martin Poulin

Greetings Biomed Community,

I received some constructive feedback on one of our proposed goals for the society regarding the plan to look at “restructuring” certification in Canada. I understand now how it could be misinterpreted. The Executive has reviewed the feedback and we have come up with a revised objective as follows, “Review structure and processes to promote CCE and CBET certification in Canada; establish a working relationship with the certification boards in Canada to assist with this process.” If you have more feedback on this goal or anything else, please drop me an email.

Is your organization looking at continuous monitoring options for opioid induced respiratory depression? Our organization is considering etCO₂ monitoring as an option, but ECRI recently provided a webinar advocating for minute ventilation monitoring. If you’re an ECRI subscriber, I suggest you watch the webinar as it was very informative and thought provoking regarding this next standard of care.

Cheers,

Message du président

Du bureau du président de SCGB, Martin Poulin

Salutations Communauté du Biomédical,

J’ai reçu des commentaires intéressants et constructifs sur l’un de nos objectifs proposés pour la société en ce qui concerne le plan visant à examiner la «restructuration» de la certification au Canada. Je comprends à présent comment cet objectif aurait pu être mal interprété. L’Exécutif a examiné les commentaires et nous avons élaboré un objectif révisé comme suit: «Réviser la structure et les processus pour promouvoir la certification CCE et CBET au Canada; Établir une relation de travail avec les organismes de certification au Canada pour aider dans ce processus. ». Si vous avez plus de commentaires sur cet objectif ou d’autres sujets, envoyez-moi un courriel.

Sur une autre note, votre organisation examine-t-elle les options de surveillance continue de la dépression respiratoire induite par les opioïdes ? Notre organisation envisage la possibilité d’une surveillance par ETCO₂, mais l’institut ECRI a récemment organisé un webinaire préconisant une surveillance de la ventilation aux minutes. Si vous êtes abonné à ECRI, je vous suggère de regarder le webinaire car il était très instructif et invite à la réflexion sur ce prochain standard de soins.

Cordialement,

Message from the Vice President

From the Desk of the CMBES Vice President, Mike Capuano

Dear Members and Non-members of the CMBES,

Supportability of medical devices continues to be an issue for hospitals and in-house clinical engineering departments. Is there actually a trend where more and more vendors either remove the option to repair equipment or they have changed their support strategy to fewer options than previously experienced? Is it because device design is hedging towards a throw-away mentality? Are OEMs becoming more astute in ways to obtain increased revenue? Answers to these questions are not clear despite several attempts by CMBES, AAMI, and others to investigate and discuss the phenomenon.

With this month's bulletin, the CMBES is launching its first official survey on the topic on supportability. If you are reading this, you are likely an important stakeholder. Be sure to read the preamble below and take the survey [here](#). It's in your best interest. By including your contact information in the survey, you will qualify for a draw giving you a chance to **win a free registration to CMBEC40 (worth \$785)**. Pass it on to as many individuals in the field as possible. Thank you & Good luck!

Welcome to New CMBES Members!

From the desk of the Membership Committee Chair, Sarah Kelso

Please join me in warmly welcoming the following new members to CMBES (memberships approved Oct–Nov 2016). If you see any familiar names, please take the time to reach out and welcome these keen new members to our Society.

Philippa Makobore
Michele Berthelette
Kaela Shea

Kalpeshkumar Soni
Shawn Wiebe
Alexey Timofeyev

Albey Kurian
Jason Campbell
Michael Donahue

Membership Publications Spotlight

If you or your organization has published and it would be of interest to our CMBES membership, we'd like to know about it. Please contact the [Secretariat](#) with a copy of your work so we can showcase in Membership Publications Spotlight!

**Looking for Gift Ideas?
Consider CMBES Membership!**



For those hard-to-buy-for students, engineers, and technologists on your list consider the gift of CMBES membership.

Help them get ahead by giving the gift of belonging to our national Society, learning, and building their professional network. Best of all, the benefits last for one full year.

If you are interested in gifting a CMBES Membership please contact the Secretariat for assistance at secretariat@cmbes.ca.

Please visit www.cmbes.ca to find out more about CMBES membership categories and benefits.

We look forward to hearing from you!

Update on the CMBEC40 Conference

From the desk of the CMBEC40 Committee Chair, Kyle Eckhardt



Dear Colleagues,

The CMBEC40 Planning Committee is working hard and we are aiming to release the schedule at a glance and keynote speakers by year-end. Have a look at the [Call for Papers](#) on our [website](#). The submission process has changed this year. We are accepting 2-4 page submissions for review by February 17th, 2017. There will only be one series of reviews this year instead of two. All submissions can be made to our online conference management platform, [ExOrdo](#).

You can [reserve your room](#) at the historic Fort Garry Hotel at our negotiated

rate of \$169 per night. The room rate includes 24-hour cookie and tea/coffee delivery, a complimentary yoga class or TRX workout at Yoga Public, fitness centre and pool access as well as in-room WiFi.

The Fort Garry is also home to the world-class luxurious Ten Spa. We will have several announcements about how you can win a free visit in the upcoming e-bulletin, newsletters, and through our [twitter](#) feed.

Thank you for reading and looking forward to hosting you in May next year.

Members Only: Annual Conference Paper Competitions

As many existing members will recall, one of the highlights of the CMBES Annual Conference is the various scientific and technical papers that are presented. The upcoming conference, CMBEC40, in Winnipeg, Manitoba from May 23–26, 2007 will be no exception!

However, a feature of the Annual Conference that may be less well known is the paper competitions. As in past years, two competitions will be held this year: the Outstanding Research Competition and Student Paper Competition. In addition to Society honours, winner of the competitions will also receive generous cash prizes! The only catch ... only CMBES members are eligible for these competitions.

Ensure your membership is in good standing to be eligible for paper competitions and reduced registration fees at CMBEC40.

Sponsorship and Exhibitor Opportunities at CMBEC40!

[Become a CMBEC40 sponsor or exhibitor](#) and take advantage of exceptional marketing opportunities:

- Increase your profile and visibility
- Spotlight your products and services
- Enhance your image and marketing strategy
- Demonstrate your commitment in the field of healthcare technology
- Position your company as a leader
- Connect with members of industry
- Show your support to CMBES

Engineers, researchers, biomedical technologists and clinical staff from all across the country attend the annual CMBES conference!

[Many great sponsorship opportunities](#) are available this year:

- Events and Venue Sponsorships
- Prize and Award Sponsorships
- Merchandising
- Signage
- Program Advertising
- Exhibitor Booths

Please contact us at secretariat@cmbes.ca for more information or to register.

Want to Win a Free Registration to CMBEC40? Enter our Twitter contest!

Be one of the first **500 people** to Follow [@CMBESociety](https://twitter.com/CMBESociety) on Twitter to stay up to date on Society and Conference news AND be entered in a draw **to win free registration to CMBEC40!**

It's free! It's EASY! Follow [@CMBESociety](https://twitter.com/CMBESociety) today!
Additional details at www.cmbes.ca.

CMBES Positions Statements

From the desk of the Professional Affairs Chair, Andrew Ibey

The CMBES would like to be proactive and provide more guidance for its members on topical clinical/biomedical engineering issues in Canada. One way to do this, is creating a catalogue of "Position Statements" where we present the conflicting issues on a topic. The CMBES through a process of national peer review to its members will then present a side on the topic in the form of a Position. This idea is similar to what other professional organizations such as the Canadian Medical Association would do for their members.

We have a few Positions Statements in the works such as: Patient Owned Equipment and a CMBES Code of Ethics. The CMBES currently has a Position Statement on "[Inspection Due Labels](#)" available on the website.

If you have any ideas for topical issues that require CMBES clarification, please send them to the CMBES Secretariat at secretariat@cmbes.ca If you are interested in helping draft Position Statements we are always looking for volunteers to join our Professional Affairs committee. Just [send an e-mail](#) so we can connect with you.

Attention Carefusion Alaris Pump Users!

CMBES wants to hear from you!

Carefusion has recently announced significant changes to its preventative maintenance schedules. The CMBES Professional Affairs Committee wants to know how you are being impacted, what are your concerns and will you comply with their recommendations. We want to help!

Send an email to secretariat@cmbes.ca with the subject line Carefusion Alaris Pumps.

CMBES Survey on the Supportability of Medical Devices

Take 5 minutes to complete this one–page survey and be eligible to win a **full registration for CMBEC40** in Winnipeg **valued at \$785!** Click [here](#) to access the survey! You have until **Thursday, December 22, 2016** to complete [this survey](#).

Supportability of Medical Devices is the degree to which a medical device or system can be effectively and economically supported by entities other than the Original Equipment Manufacturer (OEM) in terms of its design features and product support (information, training, technical support, tools, spare parts), throughout its lifecycle.

The **Canadian Medical and Biological Engineering Society (CMBES)** is an advocate of clinical engineering in Canada. A vital component of this field is the support (repair and maintenance) of medical equipment in hospitals. This role contributes to patient safety and cost savings for Canadian hospitals. There are indications that certain medical device vendors are becoming less supportive of this role. As a result, difficulty in obtaining the necessary supports for in–house services appear to be increasing. Clinical Engineers and Biomedical Technology personnel are major players in this domain. Their outlook and actions could affect how this trend plays out over the next several years.

In order to gain perspective from the CE/Biomed community, the CMBES Professional Affairs Committee is conducting this survey. All information obtained will be held in strict confidence. Results shared outside of the study team will be de–identified and aggregated such that no results will directly be associated with you. IP addresses will not be collected.

CMBES 2017 Travel Grant

From the desk of the CMBES International Outreach Committee Chair, Bill Gentles

Call for Applications

The Canadian Medical & Biological Engineering Society (CMBES) is pleased to announce a new travel grant in aid of supporting volunteer work in Clinical Engineering. This grant is intended to partially defray the travel costs of a Clinical Engineer, Biomedical Engineering Technologist, or Clinical Engineering student, who is a **CMBES member**, Canadian Resident, and who is planning to travel to a developing country to do volunteer work related to Clinical Engineering within the next year.

A grant of \$1000 will be awarded to a qualified candidate. Applicants are expected to cover at least half of the costs of the proposed volunteer activity through fundraising efforts or out–of–pocket payment by the participant and their family. The CMBES Travel Grant is meant to partially cover travel costs.

Application can be made for funding to support travel that will commence before **March 15, 2018**. Further details can be found on the application form.

The application deadline is midnight EST, on February 1, 2017.

[Click on this link to Download the 2017 CMBES Travel Grant Application Form.](#)

CMBES Forum Update

*From the Desk of the CMBES Information Technology Chair and Secretary,
Kelly Kobe*

Have you been keeping up with the CMBES Forum? To join in, simply [sign into your CMBES Network account](#) and select "Forum" from the drop down box. Outlook users can also receive CMBES posts in their inbox by following [some simple instructions](#). If you haven't logged in recently, here's some of what you've been missing:

[Transfer of responsibilities?](#)

November 3, 2016 – by John Shaw

Bracco Injengineering™ is reviewing his approach and program regarding courses provided to hospital's Biomedical staff on Bracco's injector. The big impact or challenge seems to be associated to the transfer of responsibilities from BINJ to hospitals when ...

CMBES Website Re-development Update

As mentioned in the last e-Bulletin and as part of the 2016-2018 CMBES Goals, we are looking to update and improve the website to improve access for members. As we start moving forward with this initiative, I have taken some time to review the current website structure / information and have been actively cleaning up and updating each website page. If you haven't been to the [website](#) recently, have a look and let me know if you're aware of any further changes or corrections and we'll be sure they are implemented as we start the re-development process.

The CMBES Executive would like to wish you Merry Christmas!



Interested in publishing your story in the monthly e-Bulletin or the quarterly Newsletter? [Contact us](#) to discuss your topic!