

CSCN Newsletter



Fall 2017

Word of the CSCN coordinator

I hope that everybody had a great summer and that everyone's energy is sufficiently replenished to continue the great work!

Progress report

The 4 initial research projects of the CSCN are continuing to make tremendous progress.

Project 1: In all, 673 adult OSA participants (of which 458 provided a blood sample) have been recruited in the 3 sites (Vancouver, Calgary, Saskatoon) as of September 22. The two new sites recruited for Project 1 (Quebec City, Montreal) are in the process of submitting the project to their research ethics boards. A sixth site (Toronto) might also be joining Project 1.

Project 2: The 2 sites (Toronto and Ottawa) have recruited 36 obese pediatric participants (of which 18 provided a blood sample) as of September 1st.

Project 3: The analyses of subjective sleep data (in relationship with the cognitive profile and other markers) from the Consortium for the early identification of Alzheimer's disease - Québec (CIMA-Q) cohort will start shortly. Please remember that scholarships have been announced for graduate students to work on those analyses. We are in discussion with The Canadian Consortium on Neurodegeneration in Aging (CCNA) to incorporate polysomnographic sleep as one of the core measures in their cohorts.

Project 4: Data collection continues toward the one-year assessment for the "Fast Track Respiratory Therapy Clinic for Patients with Suspected Severe OSA" study (Aim 1). In the Aim 2a component, 75 participants have been recruited in the randomized control trial on adherence and preference of continuous positive airway pressure versus mandibular advancement splints in OSA patients. Finally, the 6-month data collection has been completed for participants who filled out an online survey on the same subject (Aim 2b) and preliminary analyses have been conducted. Two other papers have either been published or accepted for publication. Here are the 3 publications of Project 4:

- Ip-Buting A, Kelly JE, Santana MJ, Penz ED, Flemons WW, Tsai WH, Fraser KL, Hanly PJ, Pendharkar SR. Evaluation of an alternative care provider clinic for severe sleep disordered breathing: a study protocol for a randomized controlled trial. **BMJ Open** 2017;7:e014012.
- Hamoda MM, Kohzuka Y, Almeida FR. Oral Appliances for the Management of OSA: An Updated Review of the Literature. **Chest**. 2017 Jun 15. doi: 10.1016/j.chest.2017.06.005. [Epub ahead of print]
- Pendharkar SR, Povitz M, Bansback N, George CFP, Morrison D, Ayas NT. Variation in funding models for obstructive sleep apnea in Canada: implications for care delivery. **Accepted in CMAJ**.

The Training Committee has recently revised and re-announced the two-year Canadian Sleep Medicine Fellowship to complete advanced clinical training with sleep research training. Other fellowship opportunities and faculty positions are regularly posted on the CSCN website: www.cscnweb.ca

Progress report... continued

The **Knowledge Mobilization Committee** and the **Stakeholder Alliance** are actively planning dissemination tools. Also, a new member joined the Alliance this summer: the Institutes for Behavior Resources. Therefore, the Alliance now includes 18 participants:

Professional/Scientific groups

Canadian Agency for Drugs and Technologies in Health (CADTH)
Canadian Association of Dental Research
Canadian Lung Association
Canadian Sleep Society
Canadian Thoracic Society
Institutes for Behavior Resources
Kids Brain Health Network
Quebec Lung Association

Provincial/federal government agencies

SAAQ (Automobile insurance society of Quebec)
CAMAQ (Quebec sector committee workforce for aerospace)
Public Health Agency of Canada

Private companies

Merck Canada
Natus Canada
Nox Medical
RANA Respiratory Care Group
Respironics/Philips

Patients/Community

Wake-up Narcolepsy Canada
Sleep Foundation

Patient Partnership: The patients-partners have been contacted by the various committees' chairs to welcome them. They will have their first committee meeting in the coming weeks if not already done.

Other important news

In the last months, we have produced an **official progress report** (after 2 years of existence) that we have just submitted to the Institute of Circulatory and Respiratory Health (ICRH). Following the study of the report by the ICRH, a two-hour reporting and advisory session will take place via teleconference between the direction of ICRH and the leadership committee of the CSCN.

Leadership in international biobanking initiatives: CSCN is now one of the international leaders in multisite sleep research biobanking. Julie Carrier has been invited to present the CSCN progress at the International Biomarker Workshops in USA and Italy, as well as at scientific meetings in China and Switzerland.

Upcoming event

October 7-11: World Sleep Society Meeting in Prague, Czech Republic.



Your input is valuable to us.

Please send us your comments about the newsletter, or ideas for network activities.

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