CNODES Semi-Annual Meeting, April 1-2, 2019

Monday April 1, 2019

******All meetings will take place at the LOEWS HOTEL VOGUE– Montreal, Quebec ******

1425 rue de la Montagne, Montréal, QC H3G 1Z3

Time	*Session*	*Attendees*
8:00	Breakfast **Location: Paris II**	ALL
9:00 – 10:30	**Common Data Model Team Meeting** **Location: Lyon I & II**	Team Members Only *Site Investigators are encouraged to attend*
10:30 – 10:45	Coffee Break **Location: Foyer**	All
10:45 – 12:15	**CNODES Lecture** *"The Bayesian re-analysis of CNODES studies"* Led by: Dr. J. LeLorier, CNODES QC Site Investigator **Location: Paris II**	All
12:15 – 13:30	**CNODES Lunch Presentation** *"CNODES Common Data Model (CDM)"* Led By: M. Paterson, CNODES ON Site Investigator **Location: Paris II**	All
13:30 – 15:00	**Simulated Dataset Group Meeting & Special Presentation:** *"Generating a Realistic Simulated Administrative Claims Dataset for Drug Safety and Effectiveness Research and Training"* Led By: O.F. Ayilara, University of Manitoba **Location: Paris I**	SD Group Members & Open to all
15:00 – 15:30	Coffee Break **Location: Foyer**	All
15:30 – 17:00	**Training Team Meeting** *Review of Analyst Training Program Blueprint* **Location: Paris I**	Team Members & Open to all
17:00 – 18:30	***SOCIAL HOUR!*** *If you're still in town, meet us at the* ***La Société Bistro*** *situated in the main lobby!*	All

****Separate agendas will follow***

CNODES Semi-Annual Meeting, April 1-2, 2019

Tuesday April 2, 2019 ******All meetings will take place at the LOEWS HOTEL VOGUE– Montreal, Quebec ****** 1425 rue de la Montagne, Montréal, QC H3G 1Z3		
Time	***Session***	***Attendees***
8:00	Breakfast **Location: Paris II**	ALL
9:00 – 10:00	**SGLT2-MACE - Part 1** **Project Team Meeting** **Location: Paris I**	Project Team Members Only *Site Investigators are encouraged to attend*
10:00 – 10:10	Coffee Break **Location: Foyer**	ALL
10:10 – 12:00	**SGLT2-MACE - Part 2** **Project Team Meeting** **Location: Paris I**	Project Team Members Only *Site Investigators are encouraged to attend*
12:00 – 13:00	Lunch **Location: Paris II**	ALL
13:00 – 14:30 ***Concurrent Meetings***	**Analyst session** *"Analyst Training Program Consultation"* Led by: D. Stanley, CNODES Training Team Coordinator **Location: Paris I**	Analyst Content Team & open to all
	Steering Committee Meeting **Location: Lyon I & II**	SC Members Only
14:30 – 15:00	Coffee Break **Location: Foyer**	ALL
15:00 – 17:00	**Steering Committee Meeting** **Location: Lyon I & II**	SC Members Only

Separate agendas will follow

CNODES
CANADIAN NETWORK FOR OBSERVATIONAL DRUG EFFECT STUDIES

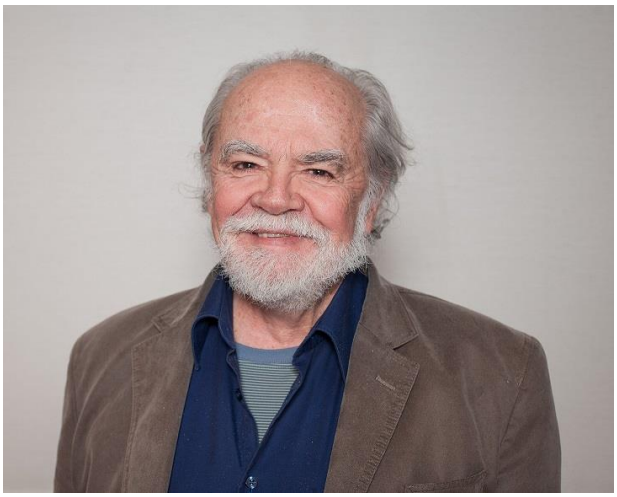
CNODES LECTURE

A Methods and Training Team Initiative

Dr. Jacques LeLorier

Monday, April 1, 2019

LOEWS HOTEL VOGUE – Montreal, QC
10:45 PM – 12:15 PM, Room: Paris II



Dr. Jacques LeLorier is the CNODES QC Site Investigator. Professor in the departments of Medicine and Pharmacology at the University of Montreal and Adjunct Professor in the department of Epidemiology, Biostatistics and Occupational Health at McGill University. Additionally, Dr. Lelorier is Chief of the Pharmacoepidemiology and Pharmacoeconomy Research Unit at the Centre de Recherche du Centre Hospitalier de l'Université de Montréal (CRCHUM).

The Bayesian re-analysis of CNODES studies

In this lecture, Dr. LeLorier will present the history of Bayes, its logic, strengths and weaknesses. Additionally, he will demonstrate why it is rarely applied to observational studies.

Dr. LeLorier will then proceed to present the results of the Bayesian re-analysis of some already published CNODES studies.

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CANADIAN NETWORK FOR OBSERVATIONAL DRUG EFFECT STUDIES

CNODES LUNCH PRESENTATION

A Methods and Training Team Initiative

Michael Paterson

Monday, April 1, 2019

LOEWS HOTEL VOGUE – Montreal, QC
12:15 PM – 1:30 PM, Room: Paris II

Michael Paterson is the Ontario Site Lead for CNODES. He is a Scientist and Research Program Lead at ICES and an Assistant Professor in both the Department of Family Medicine at McMaster University and the Institute of Health Policy, Management and Evaluation at the University of Toronto.

CNODES Common Data Model Pilot Project

To date, CNODES studies have involved the preparation and local implementation of detailed, standardized written statistical analysis plans – a process that is time-consuming and introduces opportunity for errors in interpretation and translation at the level of individual data centres.

In May 2008, the US FDA introduced its plans to launch The Sentinel Initiative, an ambitious national strategy for prescription drug safety monitoring that had at its core a standardized, distributed database that could be “queried” remotely using a suite of well-tested, modular SAS programs.

In this talk, Michael will share our experience with implementing the Sentinel Common Data Model (CDM) in four CNODES research centres, and our plans for expansion and use of the CDM in future DSEN queries.

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CNODES PRESENTATION

Simulated Dataset Special Presentation

Olawale Ayilara

Monday, April 1, 2019

LOEWS HOTEL VOGUE – Montreal, QC
1:30 PM – 3:00 PM, Room: Paris I

Olawale Ayilara is a PhD student in the Department of Community Health Sciences at University of Manitoba. His research interests include Statistical Methods for Handling Missing Data in Patient Reported Outcomes (PROs), Longitudinal Data Analysis, Multi-level Modeling, and Data Visualization. Previously, he explored Quantile Regression with Nominated Samples. Olawale is also interested in Machine Learning techniques and Latent Mixture Modeling.

Generating a Realistic Simulated Administrative Claims Dataset for Drug Safety and Effectiveness Research and Training

Administrative health records are often used in drug safety and comparative effectiveness studies.

The development and testing of analytic methods for multi-site drug studies can benefit from the availability of simulated administrative health data.

In this talk, Mr. Ayilara will present results obtained from the validation of health data generated using the Observational Medical Dataset Simulator II (OSIM2), proposed by the Observational Medical Outcomes Partnership (OMOP).