

## Big Data Commission 2022 Annual Report

### MEMBERS

Colin Josephson (Canada), chair  
Elenora Aronica (Netherlands)  
Sandor Beniczky (Denmark)  
Gianpiero Cavalleri (Ireland)  
Spiros Denaxas (UK)  
Jacqueline French (USA)  
Lara Jehi (USA)  
Hyunyong Koh (USA)  
Patrick Kwan (Australia)  
Samden Lhatoo (USA)  
James Mitchell (UK)  
Stefan Rampp (Germany)  
Lynette Sadleir (New Zealand)  
Irene Wang (USA)  
Brett Youngerman (USA)  
Samuel Wiebe (Canada), MC liaison

### EEG Data

#### TASK FORCE

Sandor Beniczky (Denmark), co-chair	Birgit Frauscher (Canada)
Stefan Rampp (Germany), co-chair	Jonathan Halford (USA)
Harald Aurlien (Norway)	Andreas Schulze-Bonhage (Germany)
Benjamin Brinkmann (USA)	

### MRI Data

#### TASK FORCE

Irene Wang (USA), chair	Sanjay Sisodiya (UK)
Sophie Adler-Wagstyl (UK)	David Vaughan (Australia)
Ezequiel Gleichgerrcht (USA)	Clarissa Yasuda (Brazil)
Carrie McDonald (USA)	Kai Zhang (China)
Victoria Morgan (USA)	

### SNOMED

#### TASK FORCE

Lynette Sadleir (New Zealand), chair	Guido Rubboli (Denmark)
Derrick Chan (Singapore)	Ingrid Scheffer (Australia)

J. Helen Cross (UK)

Colin Josephson (Canada)

David Lewis-Smith (UK)

Rima Nabbout (France)

Robert Robinson (UK)

Eugen Trinkka (Austria)

Elaine Wirrell (USA)

Yue-Hua Helen Zhang (China)

Sameer Zuberi (UK)

## ACTIVITIES

- Updating SNOMED terms
- Proposed three papers, two of which are ready to proceed and have been approved by the Publications Council. The first will encompass an educational overview of Big Data and Advanced Analytics in epilepsy and the second a technical paper covering the same topic.
- Examining the role of implementing Common Data Models via OMOP/OHDSI to facilitate Big Data research in epilepsy. Concurrently, we are also examining the use of Core Outcome Sets.

## HIGHLIGHTS & ACCOMPLISHMENTS

- Continued to update SNOMED terms
- Embarked on 2/3 core white paper articles as described above
- Created an initial task force examining the role of OMOP/OHDSI in epilepsy

## MEETINGS

The commission met twice in 2022.

*Report submitted by Colin Josephson*