

an Oxford 2b, GRADE C, level of evidence to support an increase in global CBF and rCBF with ketamine administration in both healthy volunteers and elective surgical patients without neurological illness.

## P.012

### Let There Be

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**Background:** In 2014, the Montreal Neurological Hospital reorganized its stroke unit, grouping together all strokes serviced by Neurology/Neurosurgery to ensure continuity of care. This unprecedented change created a new interdisciplinary /interdepartmental team which required a new form of communication to facilitate information dissemination and patient care in a timely manner. **Method:** Unlike typical rounds, the purpose of the daily huddle is to briefly set the patients' goals of the day. The huddles are attended by all interdisciplinary team members, lasting approximately 30 minutes. The Assistant Nurse Manager leads the huddle in the morning in the nursing station to discuss the main issues. The huddle outcomes were assessed by: Length of stay (LOS), turnaround time to implement discharge, patient/family and team satisfaction. **Results:** Length of stay decreased by 4 days, delay to application to disposition was <24 hours. Interdepartmental team stated satisfaction in sharing their expertise in their different domains. Concerns were expressed if the huddle LOS exceeded 30 minutes. Eighty (80%) percent of patients/families experienced satisfaction that information provided was given in a caring/timely manner. **Conclusion:** Daily huddles improved LOS and team learning was enhanced. However, huddles need to be more concise.

## P.013

### Postconcussion syndrome: demography and predictors in 221 patients

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**Background:** Most individuals recover from a concussion within 7-10 days. However recovery may be very prolonged. Individuals who do not recover within the usual time are said to have postconcussion syndrome (PCS). The objective of this study was to examine the demography and predictors of PCS. **Methods:** This was a retrospective cohort study of 284 consecutive concussed patients 221 of whom had PCS on the basis of at least three symptoms persisting at least 1 month. A uniform, internationally accepted definition of concussion was used. **Results:** The 221 cases showed considerable heterogeneity in clinical features of PCS. They averaged 3.3 concussions with a range of 0 to 12+ concussions, and 62.4% occurred during sports and recreation. The median duration of PCS was 7 months at the time of examination, with 11.8% lasting more than 2 years. Surprisingly, 23.1% with PCS had only 1 concussion. The average age was 27 years (range 10-74). The average number of persistent symptoms was 8.1. 26.2% had a previous psychiatric condition, ADD/ADHD, a learning disability, or previous migraine headaches. The prevalence

of arachnoid cysts and Chiari malformation in PCS exceeded the general population. **Conclusions:** In most of our cases, PCS was disabling, and lasted for months or years.

## P.014

### Real-time tracking of functional performance using accelerometers on the acute-stroke unit: proof-of-concept study

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**Background:** Acute stroke care pathways are increasingly implemented to improve integration of best-practices, but evidence for impact on functional outcomes is not strong. Elements missing from care-pathways are those directly targeting improvement in function: sit-to-stand and time spent walking. The Stroke Team uses care-pathways to track functional capacity, what the patient can and cannot do, but performance on these key outcomes is difficult to track as the patient is observed by multiple people throughout the day. The purpose of this study is to demonstrate the feasibility and added-value of real-time tracking of patients' mobility. **Methods:** A chart review was carried out to identify the extent to which functional capacity and performance is tracked routinely by the Stroke Team. Ethical approval was gained for routine use of accelerometers to be affixed to the unaffected thigh. **Results:** Swallowing, bladder control, toileting, and feeding were consistently tracked for ~90% of patients. Bed-mobility and capacity to transfer rarely tracked (<12%). Capacity for walking and sit-to-stand was noted but never frequency (performance). **Conclusion:** Our proof-of concept study will test 30 patients over the next 2 months and link real time performance on transitions and walking to stroke severity and outcome.

## NEUROLOGY (EPILEPSY AND EEG)

## P.015

### Delayed response to corpus callosotomy

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**Background:** Corpus callosotomy is a palliative surgical procedure involving partial or complete disconnection of the corpus callosum. It has been shown to improve outcomes of seizure control with in six months of the procedure. Here, we discuss a challenging case of intractable generalized epilepsy with a delayed response to corpus callosotomy. **Methods:** This report describes a 23 year old female with onset of seizures since age 16. Patient was followed over 7 year period for evolution of her seizures and treatment. **Results:** Patient experienced three different types of seizures including atypical absences, drop attacks and grand mal seizures. The most disabling type of seizures were the drop attacks associated with injuries. MRI showed bilateral subependymal heterotopia. Multiple EEG telemetry studies showed generalized spike waves without clear lateralization or focalization. Patient failed seven different antiepileptic medications,