Audit on In-Patient Management of Parkinson's disease medication

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Audit on Management of PD Medications

Introduction:
• The NPSA identified “PD medications as critical” making any omissions or delays in PD medication administration a patient safety incident.
• In 2006 the “Get it on time” campaign was launched by Parkinson’s UK to improve Parkinson’s medication administration in hospital

Objective:
• To assess how well PD medications are managed amongst hospital in-patients suffering from PD
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Method:

• 23 patients were identified from January to April 2015 who were on PD medications admitted at George Eliot Hospital.

• Case notes were retrospectively analysed to assess whether medications had been accurately recorded, administered on time and whether self medication had been considered.
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Results
Standard 1 - Medication accurately documented on admission

Standard 2 - Patients have their 1\textsuperscript{st} Dose of PD Medications given on time and % patients received all medications
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Results (Continued)

- **Standard 3** – Patients are able to self medicate if able

  Only 1 patient (4%) was able to self medicate

- **Standard 4** - Reasons for PD Medications missed or omitted

  97 doses of PD medications were missed or omitted across all patients during their admission
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Conclusion:
- Accurate medication history was taken in 44% patients but surprisingly 78% patients were prescribed correct medications on drug chart.
- Only 35% patients were given their 1\textsuperscript{st} dose of PD medications and 4% (1 patient) was allowed to self medicate.
- 17% patients received all the medications.
- Commonest reason documented for non-administration of medication was NPO, then no reason documented (Total of 55% missed doses)

Recommendations:
- Education and training of junior doctors and Nurses.
- To stock commonly used PD medications box in AMU/ COE ward with the help of pharmacy.
- Patient empowerment – enabling and encouraging patients to self medicate when able.
- Develop guidelines for patients with PD who are NPO (Nil by mouth).
- Repeat Audit in 6 months time.