**TLoC: Transient Loss of Consciousness:**

**A Quality Improvement Bundle and audit**

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### Introduction

- Transient loss of consciousness (TLoC) is defined as spontaneous loss of consciousness with complete recovery
- Common causes of TLoC include:
  - Cardiovascular (syncope)
  - Neurological (such as epilepsy)
  - Psychogenic
- This can be a challenging presentation for junior medical staff to assess and manage safely and efficiently

### Initial audit (2015)

A previous audit examining assessment and management of TLoC undertaken in 2015 concluded that there was:

- Inadequate documentation on history taking
- Incomplete clinical examination
- Risk stratification was not followed
- Inappropriate investigation request - both overuse and underuse
- Poor documentation on driving advice

### Objectives:

- Create a bundle to improve the assessment and management of TLoC
- Reduce the length of hospital stay
- Promote safe discharge
- Improve the appropriateness of specialty referral
- Reaudit assessment and management of TLoC

### The TLOC Bundle

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### Repeat audit (2017)

- Retrospective audit of 21 patients in two weeks of April 2017
- Patients presented to medical admission portals with TLoC

### Conclusions

- Significantly improved in history taking and examination after the introduction of bundle.
- Red flag signs were excluded in the notes and appropriate follow up plan was arranged in all patients.
- Poor documentation regarding driving advice is still noted.
- Overall, improvement in the assessment and management of TLoC was seen with the use of the bundle.