

# Patient Safety Alert

**Reference: HSC (SQSD) 61/16**

**Date of Issue: 15<sup>th</sup> November 2016**

## **Risk of death and severe harm from error with injectable phenytoin**

### **For Action:**

Chief Executives of HSC Trusts  
Chief Executive, RQIA  
Chief Executive, HSCB  
Chief Executive, PHA  
Chief Executive, NIMDTA

### **Related documents**

N/A

### **Superseded documents**

N/A

### **Implementation**

As soon as possible but no later than 21 December 2016

### **For Information:**

Distribution as listed at the end of this PSA.

DoH Safety and Quality Circulars including Patient Safety Alerts can be accessed on:  
<https://www.health-ni.gov.uk/topics/safety-and-quality-standards/safety-and-quality-standards-circulars>

## **Summary**

Injectable phenytoin is used to slow and stabilise erratic electrical brain activity in, for example, status epilepticus, which is a life-threatening medical emergency. It is a particularly complicated drug to use and careful consideration must be given around prescribing, preparation, administration and monitoring.

NHS Improvement has issued a Patient Safety Alert which should be viewed at:  
<https://www.cas.dh.gov.uk/ViewAndAcknowledgment/viewAlert.aspx?AlertID=102553>

The purpose of this circular is to ask providers to consider if more can be done to strengthen local guidance, training and teamwork related to the use of injectable phenytoin to reduce the risk of error.

## **Action**

### **Chief Executives of HSC Trusts should:**

- Identify if the issues in the alert could occur in your organisation.
- Consider if immediate action needs to be taken locally to improve the safe use of injectable phenytoin, and ensure an action plan to embed further improvement to patient safety is underway if required.

- Circulate this alert to all relevant staff, including those with responsibilities for developing protocols, procedures, training and equipment required for the safe use of injectable phenytoin.
- Share any learning from local investigations or locally developed resources via the Medication Safety Officers network (patientsafety.enquiries@nhs.net) and the medicines governance network.

**Chief Executive, RQIA should:**

- Disseminate this alert to all relevant independent sector providers.

**Chief Executives, HSCB and PHA should:**

- Disseminate this alert to all relevant HSCB/PHA staff for consideration through the normal HSCB/PHA processes for assuring implementation of safety and quality alerts.

**Chief Executive, NIMDTA should:**

- Disseminate this alert to doctors and dentists in training in all relevant specialities.

**Enquiries:**

Any enquiries about the content of this circular should be addressed to:

Medicines Policy Branch  
Department of Health  
Room D3, Castle Buildings  
Stormont Estate  
Belfast  
BT4 3SQ

Tel: 028 9052 0224

[communitypharmacy@health-ni.gov.uk](mailto:communitypharmacy@health-ni.gov.uk)



**Dr Paddy Woods**  
Deputy Chief Medical Officer



**Dr Mark Timoney**  
Chief Pharmaceutical Officer

**Distributed for Information to:**

Chief Executive, NIAS  
Director of Public Health/Medical Director, PHA  
Director of Nursing, PHA  
Dir of Performance Management & Service Improvement, HSCB  
Dir of Integrated Care, HSCB  
Head of Pharmacy and Medicines Management, HSCB  
Heads of Pharmacy and Medicines Management, HSC Trusts  
Safety & Quality Alerts Team, HSC Board  
Prof. Sam Porter, Head of Nursing & Midwifery, QUB  
Prof. Pascal McKeown, Head of Medical School, QUB  
Prof. Donald Burden, Head of School of Dentistry, QUB  
Professor Carmel Hughes, Head of School of Pharmacy QUB  
Dr Owen Barr, Head of School of Nursing, UU  
Prof. Paul McCarron, Head of Pharmacy School, UU  
Post Graduate Dean, NIMDTA  
Staff Tutor of Nursing, Open University  
Director, Safety Forum  
Lead, NI Medicines Governance Team  
NI Medicines Information Service  
NI Centre for Pharmacy Learning and Development  
Clinical Education Centre  
NI Royal College of Nursing