hypoglycaemia in neonates receiving PN 2012, and the UK National Confidential Enquiry into Outcome and Death (NCEPOD) recommendations 2010 for venous access.

**Methods** A questionnaire was devised by a pharmacist, paediatrician and neonatologist. Questions focused on key areas commonly encountered in routine PN practise, for which guidance is available. These included protein and lipid introduction, monitoring and complications of lipids, management of hyperglycaemia and venous access. One researcher conducted a telephone survey to registrars working in all 58 level 3 neonatal intensive care units (NICU) throughout the UK.

**Results** The response rate was 58/58 units (100%). For preterm neonates requiring PN, protein is commenced on day 1 in 88% of units and lipids by day 3 in 91%. Most units exclusively use central lines for PN administration. All units use x-ray verification of catheter tip position with 19 units also using contrast. Triglyceride levels are not monitored in 22 units. Management of hyperglycaemia is variable, with 25 units using insulin first line and not altering glucose infusion. Seven units avoid insulin use completely.

**Conclusion** Many nutritional support practises were consistent and in line with guidelines. However over a third of units fail to monitor triglyceride levels despite the known consequences of high lipid infusions and recommendations for monitoring. The high usage of insulin in the management of hyperglycaemia may not be advantageous considering recent findings around the risks of hypoglycaemia and mortality. The use of contrast for line verification is not nationally standardised.

**G61(P)**

**SEVERE DIABETIC KETOACIDOSIS: THE BENEFITS OF ‘PHONING A FRIEND’**

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**Aim** To evaluate the management and outcome of children with severe DKA who were referred by different District General hospitals within the region to Regional retrieval team for advice.

**Method** Retrospective audit of all patients with diagnosis of DKA, referred to Regional Retrieval Team between November 2010 – June 2013.