

Surgical Management of Necrotizing Enterocolitis following Congenital Diaphragmatic Hernia Repair

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Necrotizing Enterocolitis (NEC) is a significant cause of in-hospital mortality. The pathogenesis remains unclear, but may be associated with Staphylococcus epidermidis related sepsis, hypertonic feeds or other stress. It is also associated with Abdominal Compartment Syndrome (ACS) as documented after complete closure of gastroschisis. While the incidence of NEC is rare, the associated mortality is significant.

We report a case of NEC following the repair of a congenital diaphragmatic hernia (CDH); an unusual yet serious complication. A literature search revealed only one similar case which resulted in mortality. The possibility of serious postoperative complications following the repair of CDH must be considered in any neonate who exhibits deterioration in their general condition.