



The national system to study the surgical management of a range of neonatal conditions – enabling national audit in neonatal surgery

Early population-based outcomes of infants born with Congenital Diaphragmatic Hernia

The results of the CDH study have now been published in Archives of Disease in Childhood, Fetal and Neonatal Edition.

- The aim of the study, which was undertaken between April 2009 and September 2010, was to describe surgical management and short term outcomes of live-born infants with congenital diaphragmatic hernia (CDH) in the UK.
- In total, 219 live-born infants with CDH were reported.
- There were 1.5 times more boys than girls
- Thirty-five infants (16%) died before undergoing surgery so mortality remains high. This adverse outcome was associated with female sex, prenatal diagnosis and the need for physiological support in the form of inotropes or pulmonary vasodilators.

- There was found to be significant variation in management of CDH in the UK and Ireland
- Postoperative survival for those infants who underwent surgical repair was 98%

The full paper can be found at <https://www.ncbi.nlm.nih.gov/pubmed/29305406>

Reference: Long A, Bunch KJ, Knight M, et al Early population-based outcomes of infants born with congenital diaphragmatic hernia Archives of Disease in Childhood - Fetal and Neonatal Edition Published Online First: 04 January 2018. doi: 10.1136/archdischild-2017-313933



Abstracts to be presented at BAPS Congress 2018 are:

Incidence, Management and Outcomes of Posterior Urethral Valves;
Incidence and Management of Congenital Duodenal Atresia and Stenosis in the United Kingdom – A population based study;

Time to enteral feeds and usage of Parental Nutrition with trans-anastomotic tubes in Congenital Duodenal Atresia and Stenosis;

A UK-wide Cohort Study investigating the association between early re-introduction of enteral feeding and short-term outcomes in Surgical Necrotising Enterocolitis

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Chocolate Box

Chocolates this month go to Yatin Patel from Royal Aberdeen Children's Hospital for prompt reporting.

Many thanks from the BAPS-CASS team!

Thanks to the following hospitals who have returned **Surgical Short Bowel** reports for **January, February** and **March 2018**:

Addenbrooke's Hospital
Alder Hey Children's Hospital
Bristol Royal Hospital for Children
Edinburgh Royal Hospital for Sick Children
Hull Royal Infirmary
King's College Hospital
Norfolk and Norwich University Hospital
Queen's Medical Centre
Royal Aberdeen Children's Hospital
Royal Belfast Hospital for Sick Children
Royal London Hospital
The Children's University Hospital
Great Ormond Street Hospital for Sick Children
John Radcliffe Hospital

Leicester Royal Infirmary
Sheffield Children's Hospital
Birmingham Children's Hospital
Chelsea and Westminster Hospital
Evelina Children's Hospital
Glasgow Royal Hospital for Sick Children
Leeds General Infirmary
Our Lady's Hospital for Sick Children
Royal Alexandra Children's Hospital
Royal Manchester Children's Hospital
Royal Victoria Infirmary
St George's Hospital
Southampton General
University Hospital of Wales

Returned all three reports. Returned two reports. Returned one report. No reports returned.

Case report summary for cases reported up until 8th May 2018

CONDITION	Cases Reported	Forms returned (%)
Anorectal Malformations	212	179 (84%)
Duodenal Atresia and Stenosis	121	114 (94%)
Exomphalos	182	182 (100%)
Exomphalos 1yr Forms	152 requested	120 (79%)
Posterior Urethral Valves	165	136 (82%)
Posterior Urethral Valves 1yr Forms	122 requested	92 (75%)
Surgical Short Bowel	89	66 (74%)

GMC Revalidation



We are aware that as part of your GMC revalidation you are required to provide evidence of participation in national audit and research.

If you would like to receive a certificate confirming your contribution to BAPS-CASS, please email us at baps-cass@npeu.ox.ac.uk and we will get one sent out to you.