



BAPS - CASS

British Association of Paediatric Surgeons Congenital Anomalies Surveillance System

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

Some findings from the BAPS-CASS Hirschsprung's Disease Study

Preliminary results from the Hirschsprung's Disease (HD) study were presented at the recent BAPS / EUPSA meeting in Rome.

Between October 2010 and September 2011 there were 169 confirmed cases of HD in the UK and Ireland in neonates and infants less than six months of age, giving an estimated incidence of 1.9 per 10,000 live births (95%CI 1.6-2.2).

Emergency general paediatric and neonatal surgery is provided by 160 consultants across 28 regional centres, with 110 consultants performing definitive HD surgery.

Consultants working in 17 centres with designated HD surgeons potentially perform a median of 2 cases per surgeon / per year (IQR 1.1-2.8), compared to 1 case per surgeon / per year in centres without designated HD surgeons (IQR 0.6-2.1, $p=0.03$).

Nationally, 56 surgeons at 12 centres (51%) will perform definitive surgery less than or equal to once per year, and 34 surgeons at 11 centres (31%) will perform two or more cases per year.

This is the first time the incidence of HD in the UK and Ireland has been calculated prospectively using data collected from the entire population. There are regional variations in sub-specialisation and delivery of definitive surgery. Despite sub-specialisation, only 31% of surgeons involved in HD will perform two or more definitive procedures per year.

Reference:

INCIDENCE, SUB-SPECIALISATION AND THE PROVISION OF DEFINITIVE SURGERY FOR HIRSCHSPRUNG'S DISEASE IN THE UK AND IRELAND: RESULTS OF A PROSPECTIVE, NATIONAL COHORT STUDY

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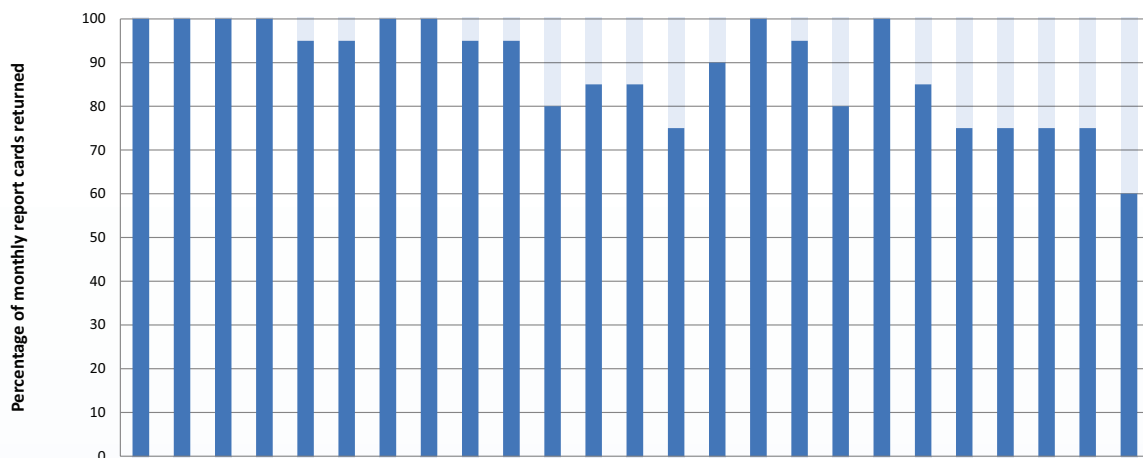
Dr. Timothy Bradnock



Case report summary for cases reported up until 26th June 2012

Condition	Cases Reported	Forms returned	Confirmed Cases	Unconfirmed Cases	Duplicate Cases
Hirschsprung's Disease	259	163 (63)	151 (93)	12 (7)	0
Congenital Diaphragmatic Hernia	261	221 (85)	210 (95)	8 (4)	3
Hirschsprung's Disease 1yr Forms	153	47 (31)	47 (100)	0 (0)	0
Congenital Diaphragmatic Hernia 1yr Forms	167	130 (78)	130 (100)	0 (0)	0

Hirschsprungs Disease - card return rates October 2010 - June 2012



Hirschsprungs Disease - form return rates October 2010 - June 2012

