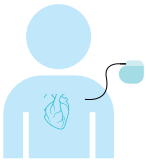
NCHDA AT A GLANCE

Data from the three-year period April 2017 to March 2020

12,393 congenital heart procedures in 2019/20; 8286 (67%) in children under 16

Number of treatments



66% increase in electrophysiology and pacemaker/ICD implant treatments in adults with congenital heart disease over 5 years; 22% increase in interventional procedures for this cohort

~15% reduction in paediatric cardiac surgical procedures in infants and children over 6 years

Complications after procedures

Low complications rates after paediatric cardiac surgical procedures:

2.4% life support, 1.2% unplanned pacemaker, 3.5% renal replacement therapy and 3.5% prolonged pleural drainage

Fluoroscopic screening

New data are provided on fluoroscopic screening times and radiation doses for a range of procedures. The work will help set reference standards for future audit.

Survival at 30 days

Despite this being one of the most complex areas of surgery, the UK and Republic of Ireland continue to have excellent outcomes with high survival and low mortality rates.

98.4% 30-day survival after paediatric cardiac surgical procedures

Dual consultant procedures

Two consultants operate where there are more complex lesions and this practice is also a key element of training or mentoring consultant colleagues.

11% dual consultant procedures for paediatric cardiac surgical procedures; 14% in neonates and 22% for transcatheter and electrophysiology procedures

Antenatal diagnosis

About 20–30% of congenital heart defects are severe, defined as being potentially life threatening and requiring surgery within the first year of life..

51% prenatal diagnosis for all infants requiring a procedure in the first year of life.