Childrens Anaesthesia The News 2022 Dr John Elton January 12th 2022



Content

- Childhood Obesity (2)
- Psychological Preparation
- Preoperative assessment
- Green Paediatric Anaesthesia
- Guidelines for Paediatric
 Anaesthesia GPAS 2021
- Perioperative care
 guidelines- CPOC

- Childhood Death
- "Your Little Sleep"
- Critical Incident Simulation
- PATRN Trainee led
 Research
- Immunisation and surgery
- Tonsillectomy guideline

Greener Anaesthesia and Sustainability Project WWW.gaspanaesthesia.com

"Children are the least responsible for the anthropological causes of climate change, yet they are facing the greatest impact as approximately 90% of the burden of disease attributable to climate change is borne by Children under five.

UNICEF 2021

Preoperative assessment

- New emphasis this year MDT clinical cooperation.
- GPAS 10:2_7 (2021), RCPCH
- OPTIMISATION-Key issues
- Asthma, Anaemia, Obesity, Oral health, Diabetes, Learning Difficulties and Autism

Child Psychological Preparation

- Multiple methods –Covid increases the need for anxiolysis
- Recognised by GPAS/RCoA
- "Little Journey"- award winning app
- "Your Little Sleep" 48 page Irish book,





My operation and coronavirus

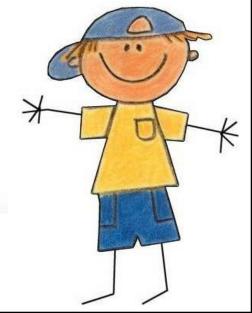
Sometimes, if you are poorly, you might need to come to hospital for an operation to make you better. You might have been to hospitals for operations before or this might be your first time.

<u>The Centre for Perioperative Care</u> (CPOC) has today published a new <u>Paediatric FAQ</u> aiming to address the concerns that young patients may have about going to hospital during the COVID-19 pandemic and what to expect before and during their visit to hospital.

The series of FAQs take patients through the steps they may experience before, during and after hospital. This includes what hospitals are doing to protect patients, lifestyle changes patients can make, questions to ask the hospital and how recovery will work.

This fantastic piece of guidance will help explain the journey and strange experience young people may have at hospital with doctors and nurses dressed in full PEE and why they have to wash their hands constantly throughout their visit.

Find out more on the guidance page.



APAGBI Guidance



Guidance on immunisation and surgery

APAGBI best practice guidance on immunisation and surgery

Click here for guidance statement

Association of Paediatric Anaesthetists of Great Britain and Ireland 21 Portland Place London Tei: +44 (0)20 7631 8887 Fax: +44 (0)20 7632 4352 Email: apagbladministration@anaesthetists.org

() ()

Critical Incident Simulation

- Increased emphasis on MDT training for emergencies (GPAS)
- Apricot study 2017 highlighted dangers of unfamiliarity and lack of senior input
- Anaesthesia News Issue 409 -UCLH
- Coventry has new course Ask Dr M Sharma

PATRN – Trainee led research

- Research is not easy and the need is great
- APAGBI led organisation
- Success Unplanned admission (PAPAYA) 2017 (26k cases)
- Childhood Obesity (PEACHY)
- 2019 (4.5K)
- PATRN at patrn@apagbi.org.uk



Emergencies (BAPS)

Add Artists Ind and article of the

nd Augenta fasor. Augusteric 20 tragente color, forte a 2 pero an englet Alvera qui tragente antennat from the tracement administra trat. There was a general all antennat a plancification fastore administore inspation. These advantation fastore administ



Campaign to raise awareness of dangerous toys containing super strong magnets and button batteries

The Child Accident Prevention Trust, The Children's Surgical Foundation and BAPS raise awareness of dangerous toys this Christmas

Posted 13/12/2021 in Announcements

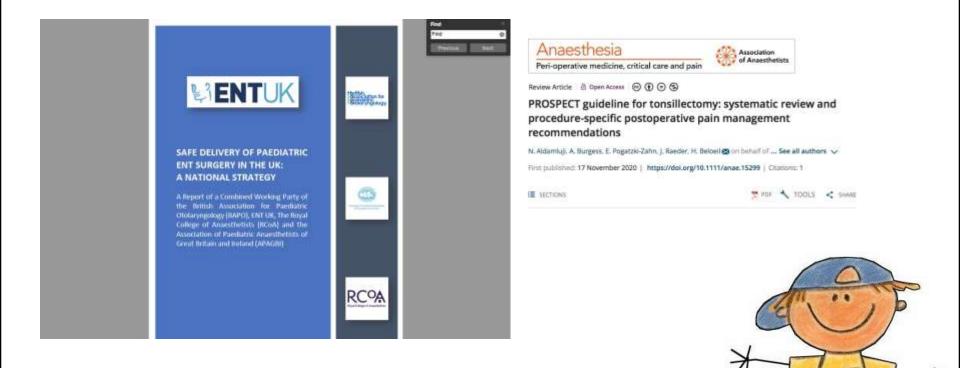
Tagged with: Gastrointestinal, Thoracic, Trauma



Guidelines for Paediatric Anaesthesia GPAS 2021

- Chapter 10
- 9 Headings
- Areas for future development
- The following areas are suggested for further research:
- Preassessment services for children
- Quality improvement in paediatric services.
- Newer monitoring techniques, such as processed EEG monitors used during TIVA.

Tonsil Guidelines



www.fppt.info

Paediatric Trauma in London

 9/11/2021 BMJ Paediatrics Open and BAPS

 665 episodes of team activation in three months. Median age 9 with the under fives being 71% head trauma at home. But adolescents had 43% street trauma and 20% penetrating trauma. Police involved in 23% of adolescent trauma

Childhood Obesity

- California median weight in under 16 year olds increases by 2.3 kg during the first pandemic year
- Peachy study 2019 show difficult mask ventilation and higher incidence of tonsillectomy in obese children

NSPCC Deaths

Statistics briefing: child deaths due to abuse or neglect

This briefing looks at what data and statistics are available about child deaths due to abuse or neglect.

December 2021

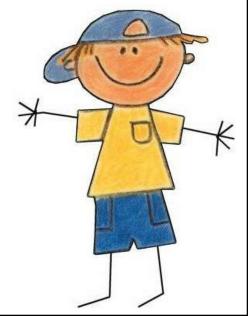
Introduction

This briefing introduces the data available about child deaths due to abuse or neglect. Data is collected on: child homicides; child deaths where the cause of death was assault, neglect or unexplained; and child deaths which result in a case review. Statistics can help professionals, and the organisations they work for, make evidence based decisions about child protection.

What does the data tell us?

- In the last five years there was an average of 58 child deaths by assault or undetermined intent a year in the UK.
- . On average, at least one child is killed a week in the UK.
- Children under the age of one are the most likely age group to be killed by another person, followed by 16- to 24-year-olds.
- Child homicides are most commonly caused by the child's parent or stepparent.
- There are a number of different sources of data on child deaths, which all
 provide different insights into the number of deaths by abuse or neglect.





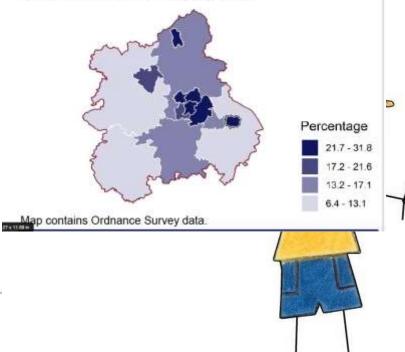
Child Public Health

and the second se			- 77			- 55	- 1970		
and the second	2017 - 19		34	15.0	11.B	10.8	25.7		5.7
Population vaccination coverage - MMR for one dose (2	82398201		3553		-392	123723	06256		Same-
years old)	2020/21	-	4,077	91.0%	90.2%	90.3%	70.7%		97.9%
Population vaccination coverage - Dtap / IPV / Htb (2 years									
old)	2020/21	-	4,736	94.6%	94.2%	93.8%	27.8%	1	98.2%
<50% 00% to 95% #86%	evene.	7	4,600		4.5	60.0	Periodia.		105 -
Children in care immunisations	2020		468	92.7%	89.0%	87.8%	34.5%		100%
School readiness: percentage of children achieving a good level of development at the end of Reception	2018/19		3,004	69.0%	70.1%	71.8%	63.1%	•	80.6%
Average Adainment 8 score	2019/20	-	180.534	47.5	49.0	50.2	42.0		60.0
Average Attainment 8 score of children in same	2020	-	1,090	23.2	23.1	21.4	10.6	O	35.2
15-17 year olds not in education, employment or training (NEET) or whose activity is not known	2019	~	370	5.0%	5.3%	5.5%	15.0%		1.5%
First time entrants to the youth justice system	2020	4	63	193.5	172.6	169.2	348.5		58.8
Children in absolute low income families (under 16s)	2019/20	-	13,963	18.3%	20.8%	15.6%	33,4%		5.4%
Children in miative low income families (under 16s)	2019/20		17,533	24.3%	25.7%	19.1%	38.6%	•	6.9%
Homelessness - households with dependent children owed a duty under the nomelessness Reduction Act	2019/20	-	806	17.7	14.9	14.9	31.2		4.7
Children in cens	2020		700	88	82	57	223		24
Children killed and seriously injured (KSI) on England's roads	2017 - 19		48	21.5	18.2	18.0	50.4		3.1
Low birth weight of term babies	2019	+	134	3.54%	3.26%	2.90%	5.18%		1.29%
Reception: Prevalence of obesity (including severe obesity)	2019/20	-	465	11.7%	11.2%	9.9%	14.6%		4.7%
Year 5: Prevalence of obesity (including severe obesity)	2019/20	+	1,015	25.3%	23.9%	21.0%	30.1%		11.1%
Percentage of 5 year olds with experience of visually obvious dental decay	2018/19			23.6%	22.7%	23,4%	50.9%		8.7%
Hospital admissions for dental carles (0-5 years)	2017/18 - 19/20	×	20	23.9	118.4	286.2	11.1	O T	1,298.5
Under 18s conception rate / 1,000	2019		145	25.8	18.3	15.7	37.1		3.9
Teenage mothers	2019/20		35	p.9%	0.8%	0.7%	2.3%	0	0.2%
16s	2017/18 - 19/20	-	70	29.6	25.8	30.7	111.5	0	73
Nospital admissions due to substance misuse (15-24 years)	2017/18 - 19/20	-	140	73.4	70.5	84.7	259.8		33.2
Smoking status at time of delivery	2020/21		392	9.9%	10.6%	9.6%	21,4%	0	1.8%
Baby's first food breastmik	2018/19		2,615	62.6%	62.5%	67.4%	43.6%		96.7%
Breastleading prevalence at 5-8 weeks after birth - current method	2020/21	5	2,029	•	•	47.6%*	1.5	insufficient number of volume for a spine often	5
A&E attendances (0-4 years)	2018/19		21,195	918.5	629.7	605.3	1,917.4		126.3
Hospital admissions caused by unintentional and deliberate injunes in children (aged 0-14 years)	2019/20	-	945	138.2	97.0	91.2	153.1	•	48.5

Children living in pove aged under 16 years		21.8%	20.3%	17.0%
Life expectancy at	Boys	78.3	78.8	79.6
birth (2015-2017)	Girls	82.4	82.7	83.1

Children living in poverty

Map of the West Midlands, with Coventry outlined, showing the relative levels of children living in poverty.



• Thank you.

Questions?

Next presentation, Please

www.fppt.info