PERUKI Site Survey of Pain Assessment & Analgesia Practices

Page 1: PERUKI Site Survey of Pain Assessment & Analgesia Practices

Thank you for completing this survey, designed to explore differences in practice between emergency departments in the United Kingdom & Ireland in the management of pain in children. Results will inform future research in this area. It should take no more than 10-15 minutes to complete.

Data Protection

For the purposes of this survey PERUKI is the data controller. All data collected in this survey will be held securely by the survey software provider (University of Bristol) under contract and then retained by PERUKI in accordance with the Data Protection Act (1998). Data from the survey will only be used by PERUKI team for the purposes of research prioritisation. Cookies (personal data stored by your Web browser) are not used in this survey.

Page 2: About your Emergency Department

1. Your Full Name ✱ *Required*

2. Your Email Address *(for contact in the event of any queries, or regarding any future output from this survey)* ✱ *Required*

Please enter a valid email address.

3. Please select your PERUKI site

3.a. If you selected Other, please specify:

4. Please select which of the following applies to your hospital?

- Tertiary centre
- District general hospital

5. Please select which of the following applies to your hospital/ED?

- Mixed adult/paediatric hospital – separate paediatric ED
- Mixed adult/paediatric hospital – combined ED
- Paediatric hospital

6. Please select which of the following applies to your hospital/ED?

- Trauma Centre
- Trauma Unit
- Neither

7. Annual paediatric attendance

Page 3: Pain Assessment in your Emergency Department

8. Is pain assessment and scoring mandatory during the initial nurse assessment/triage process in your ED?

- ○ Yes
- ○ No
- ○ Unknown

8.a. Optional free text

9. Which pain tool(s) does your ED utilise to assess pain? ✱ *Required*

- ☐ Verbal Visual Analogue Scale (VAS)
- ☐ Visual Analogue Scale (VAS)
- ☐ Numerical Rating Scale (NRS) (on scale 0-10 rating score)
- ☐ Verbal Pain Intensity Scale (no pain, mild pain, moderate pain, severe pain, very severe pain, worst possible pain)
- ☐ Faces Legs Activity Cry Consolability Scale (FLACC)
- ☐ Faces Pain Scale - Wong Baker
- ☐ Faces Pain Scale - Revised
- ☐ Other

9.a. If you selected Other, please specify:

10. Are any additional processes/pathways integrated within your ED patient journey to promote/obligate analgesia administration and/or pain score reassessment? * *Required*

- Yes
- No
- Unknown

10.a. Please describe these processes/pathways

Page 4: Guidelines & Protocols for ED Pain Assessment & Management

11. Does your ED have a current policy/guideline(s) to support best practice in pain management? ✱ *Required*

- Yes
- No
- Unknown

If yes, please email electronic version to stuart.hartshorn@bch.nhs.uk, or post paper version to Dr Stuart Hartshorn, Emergency Department, Birmingham Children's Hospital, Steelhouse Lane, Birmingham, B4 6NH

12. Which of the following are covered by your policy/guideline(s)? ✱ *Required*

	Yes	No	Unknown
Use of pain scales	☐	☐	☐
Standardised pain ladder	☐	☐	☐
Frequency of pain assessment	☐	☐	☐
Preferred analgesia for specific conditions	☐	☐	☐
Dosages for different ages groups	☐	☐	☐
Contradictions to specific analgesic agents (e.g. with comorbidities)	☐	☐	☐
Non pharmacological management of pain	☐	☐	☐
Referral process based on pain score	☐	☐	☐
Opioid analgesia - monitoring vital signs	☐	☐	☐
Opioid analgesia - monitoring levels of sedation	☐	☐	☐
Opioid analgesia - discharge criteria	☐	☐	☐

13. Are your departmental guidelines/policies in line with the College of Emergency Medicine "*Best Practice Guideline on the Management of Pain in Children*"? (*click here to view these guidelines*)

- Yes
- No
- Unknown

13.a. Are your departmental guidelines in line with any other national/institutional guidelinespolicies (please specify if so)?

Page 5: Drugs for Analgesia in your ED

14. Which of the following pharmacological analgesic options are available for use in your ED? ✱ *Required*

	Yes	No	Unknown
PO - Codeine	☐	☐	☐
PO - Diclofenac	☐	☐	☐
PO - Ibuprofen	☐	☐	☐
PO - Morphine sulphate	☐	☐	☐
PO - Paracetamol	☐	☐	☐
PO - Sucrose	☐	☐	☐
PO - Tramadol	☐	☐	☐
PR - Diclofenac	☐	☐	☐
PR - Paracetamol	☐	☐	☐
Inh - Entonox	☐	☐	☐
Inh - Nitrous oxide	☐	☐	☐
Intranasal Diamorphine	☐	☐	☐
Intranasal Fentanyl	☐	☐	☐
IV - Fentanyl	☐	☐	☐
IV - Ketamine	☐	☐	☐
IV - Morphine sulphate	☐	☐	☐
IV - Paracetamol	☐	☐	☐
IV - Propofol	☐	☐	☐
Topical anaesthesic (e.g. Ametop, EMLA, LMX4)	☐	☐	☐
Topical wound anaesthesic (e.g. LAT/LET gel)	☐	☐	☐
LA - Bupivicaine	☐	☐	☐
LA - Lidocaine	☐	☐	☐
Nerve block - digital	☐	☐	☐
Nerve block - femoral	☐	☐	☐

Nerve block - other	☐	☐	☐

14.a. Please list any other ***pharmacological*** analgesic options, not mentioned above, that are available in your ED

15. For which analgesic agents are Patient Group Directions (PGDs) used in your ED?

- ☐ Entonox
- ☐ Ibuprofen (pain)
- ☐ Paracetamol (pain)
- ☐ Topical anaesthetic (e.g. Ametop/EMLA/LMX4)
- ☐ Topical wound anaesthetic (e.g. LAT/LET gel)
- ☐ Other
- ☐ None of the above

15.a. If you selected Other, please specify:

Page 6: Patient/Parent Information

16. Does your ED provide written information on pain/analgesia to paediatric patients, for use whilst in the department? ✱ *Required*

- Yes
- No
- Unknown

17. Does your ED provide written information on pain/analgesia to parents/carers of paediatric patients, for use whilst in the department? ✱ *Required*

- Yes
- No
- Unknown

18. Does your ED provide written discharge information on pain/analgesia to parents/carers when they leave your department? ✱ *Required*

- Yes
- No
- Unknown

19. Does your ED use any strategies to empower patients/parents to take the lead in requesting analgesia? ✱ *Required*

- Yes
- No
- Unknown

19.a. Please describe

Page 7: Education, Audit & Quality Improvement

20. Has your ED audited the management of acute pain in children within the last 5 years? ✱ *Required*

- Yes
- No
- Unknown

20.a. When was this audit conducted (month/year)?

20.b. Did any changes to pain management in children result from the audit?

- Yes
- No
- Unknown

20.b.i. If yes, please describe the changes that resulted

21. Which of the following educational programmes are in place within your ED? ✱ *Required*

	Yes	No	Unknown
Mandatory pain/analgesia competencies for staff	☐	☐	☐
Induction/orientation training - pain management	☐	☐	☐

Professional development training - pain management	☐	☐	☐
Paediatric sedation program	☐	☐	☐

22. Are any quality improvement processes relating to pain assessment/management currently in operation within your ED? ✱ *Required*

- ○ Yes
- ○ No
- ○ Unknown

22.a. If yes - please outline these quality improvement processes

Page 8: Other Aspects of Pain Management

23. For paediatric patients attending your ED with upper limb injuries, how often are the following modes of immobilisation applied ***prior to clinician assessment****?*

Please don't select more than 1 answer(s) per row.

	Never	Rarely	Occasionally	Frequently	Very Frequently
Broad arm sling/collar & cuff (or equivalent)	☐	☐	☐	☐	☐
Futura splint (or equivalent)	☐	☐	☐	☐	☐

23.a. Please describe, if applicable, any other modes of immobilisation utilised in your ED prior to clinician assessement, and their frequency of use.

24. What access to play specialist services do you have for formal patient distraction during painful procedures?

	Any time	Restricted hours	None
Resident in your ED	☐	☐	☐
Available in your hospital	☐	☐	☐

25. Aside from formal play specialist services, what other facilities/amenities/equipment are available in your ED for non-pharmacological pain management/distraction? *For example: departmental iPads/tablets, games consoles, colouring kits, etc.* ✱ *Required*

26. Do you have access to point-of-care ultrasound technology within your ED to aid with procedures, e.g. nerve blocks ✱ *Required*

- Yes
- No
- Unknown

Durnin S, *et al. BMJ Paediatrics Open* 2021; 5:e001159. doi: 10.1136/bmjpo-2021-001159

Page 9: Additional Comments

27. If you wish to leave any additional comments about this survey, please do so here

Durnin S, *et al. BMJ Paediatrics Open* 2021; 5:e001159. doi: 10.1136/bmjpo-2021-001159

Page 10: Thank You!

Thank you for completing this survey. Your answers are now submitted.

Please remember to send any guidelines/policies or care pathways on pain assessment/ management to the study team:

Via email:
stuart.hartshorn@bch.nhs.uk

By post:
Dr Stuart Hartshorn
Emergency Department
Birmingham Children's Hospital
Steelhouse Lane
Birmingham
B4 6NH

If you have any queries about this survey or want more information, please contact the study team by email at stuart.hartshorn@bch.nhs.uk

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Key for selection options

3 - Please select your PERUKI site

Addenbrooke's Hospital
Alder Hey Children's Hospital
Barts & The London
Birmingham Children's Hospital
Bristol Royal Hospital for Children
Chelsea and Westminster Hospital
Children's Hospital for Wales
Cork University Hospital
County Durham & Darlington NHS Foundation Trust
Crosshouse Hospital
Derriford Hospital
Evelina Hospital
Forth Valley Royal Hospital
Great North Children's Hospital
Hull Royal Infirmary
James Cook University Hospital
King's College Hospital

Leeds General Infirmary
Leicester Royal Infirmary
Morriston Hospital
Musgrove Park Hospital
North Manchester General Hospital
Nottingham Children's Hospital
Ormskirk & District General Hospital
Our Lady's Children's Hospital, Crumlin
Queen Alexandra Hospital, Portsmouth
Queen Elizabeth Hospital, Woolwich
Royal Aberdeen Children's Hospital
Royal Alexandra Children's Hospital, Brighton
Royal Belfast Hospital for Sick Children
Royal Derby Hospital
Royal Devon and Exeter Hospital
Royal Free Hospital
Royal Hospital for Children, Glasgow
Royal Hospital for Sick Children, Edinburgh
Royal Manchester Children's Hospital
Royal United Hospital, Bath
Salford Royal
Sheffield Children's Hospital
Southmead Hospital
St George's Hospital
St Mary's Hospital
Sunderland Royal Hospital
Tallaght Children's Hospital, Tallaght
Temple Street Children's University Hospital
University College Hospital
University Hospital Lewisham
University Hospital Southampton
Watford General Hospital (West Herts NHS Trust)
Western Sussex Hospitals NHS Trust
Other