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Predictors of effective management of acute pain in children within a UK ambulance service: a cross-sectional study

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Keywords: Emergency Medical Services, Ambulances, Infant, Child, Adolescent, Pain

Running Title: Pre-hospital pain management in children

Abstract: (244 Words)

Objective: We aimed to identify predictors of effective management of acute pain in children in the pre-hospital setting.

Methods: A retrospective cross-sectional study using electronic clinical records from one large UK ambulance service during 01-Oct-2017 to 30-Sep-2018 was performed using multivariable logistic regression. We included all children <18 years suffering acute pain. Children with a Glasgow Coma Scale score of <15, no documented pain or without a second pain score were excluded. The outcome measure was effective pain management (abolition or reduction of pain by ≥ 2 out of 10 using the numeric pain rating scale, Wong & Baker faces scale or FLACC [face, legs, activity, crying and consolability] scale).

Results: 2312 patients were included for analysis. Median (IQR) age was 13 (9-16), 54% were male and the cause of pain was trauma in 65% of cases. Predictors of effective pain management include children who were younger (0-5 years) compared to older (12-17 years) (adjusted odds ratio [AOR] 1.53; 95% confidence interval [CI] 1.18-1.97), administered analgesia (AOR 2.26; CI 1.87-2.73), attended by a paramedic (AOR 1.46; CI 1.19-1.79) or living in an area of low deprivation (index of multiple deprivation [IMD] 8-10) compared to children in an area of high deprivation (IMD 1-3) (AOR 1.37; CI 1.04-1.80). Child sex, type of pain, transport time, non-pharmacological treatments and clinician experience were not significant.

Conclusion: These predictors highlight disparity in effective pre-hospital management of acute pain in children. Qualitative research is needed to help explain these findings.

Keywords: Emergency Medical Services, Ambulances, Infant, Child, Adolescent, Pain

Word Count (3402): Intro (382), Methods (1096), Results (504), Discussion (1420)

1. Introduction

Pain is “an unpleasant sensory and emotional experience associated with actual or potential tissue damage”. [1] Considering access to pain management is a fundamental human right [2] and has recently been identified as a main quality outcome measure for ambulance services in the UK [3], pre-hospital pain management in children is poor. [4] One Australian study found that more than half (55%) of children with severe pain (verbal numeric rating scale 8–10) did not receive any analgesia. [5] A United States study [6] found that from 55,642 pre-hospital patients aged <19 years, 42.1% suffered a traumatic injury or pain, yet only 0.3% received analgesia. A recent UK study found that of injured children who reported pain (n=7483), 38.8% received no treatment. [7]

The management of pain is complex, especially in children, as age, developmental level, cognitive ability, communication skills and associated beliefs must be considered. [8]

Without effective pain treatment, children may suffer long-term psychological changes (e.g. altered pain perception) [9, 10] and are at risk of developing posttraumatic stress disorder. [11, 12] A greater understanding of pre-hospital pain management in children is required to improve quality of care and clinical guidance, reducing the number of children at risk.

The UK national ambulance service clinical practice guidelines [13] (Joint Royal Colleges Ambulance Liaison Committee [JRCALC]) state that all children suffering pain should receive pharmacological treatment. The Royal College of Emergency Medicine (RCEM) state that ‘recognition and alleviation of pain should be a priority when treating ill and injured

children.’ [14] Neither JRCALC nor RCEM guidelines are based on strong evidence; only one reference supports the JRCALC guideline on child pain management and all the RCEM recommendations are based on the lowest quality of evidence (expert opinion). Therefore, there is significant potential for clinical practice guideline improvement.

Three studies have used regression analysis to identify predictors of effective pre-hospital pain management in children.[15-17] These studies showed that predictors of effective pain management included child sex (male), child age (younger), type of pain (traumatic), initial pain score (high) and analgesia administration. We recently performed a systematic mixed studies review which included these three studies and recommended further research.[18] Predictors of effective pre-hospital pain management in children have not previously been identified in the UK.

Therefore, we aimed to identify predictors of effective management of acute pain in children in the pre-hospital setting.

2. Methods

2.1 Study Design and Setting

We performed a retrospective cross-sectional study of anonymised electronic clinical records from one UK ambulance service (East Midlands Ambulance Service NHS Trust [EMAS]).

EMAS is one of 10 ambulance services in England and is based in the Midlands. It serves a population of 4.8 million over an area of 16,666 square kilometers across six counties

covering both urban and rural areas.[19] Approximately 2,500 emergency calls are received per day and EMAS employ approximately 2,300 ambulance staff.

2.2 Participants

Inclusion Criteria

- Patients aged 0 - 17 years
- Attended by the East Midlands Ambulance Service NHS Trust
- Suffering acute pain (pain less than 12 weeks duration[20] for example 'Abdominal Pain' or 'Soft Tissue Injury')

Exclusion Criteria

- Patients with a Glasgow Coma Scale (GCS) <15 at any time or no documented GCS
- Patients without two documented pain scores

Patients with a GCS <15 are less likely to provide accurate pain reporting due to the reduced level of consciousness.

2.3 Data Collection

Anonymised data were extracted from 1st October 2017 to 30th September 2018 using EMAS electronic clinical records.

Initially all electronic patient report forms for children aged <18 years were screened by clinical impression (pre-hospital diagnosis; selected from a pre-determined list of

conditions) to include only children who were likely to be experiencing acute pain. This was performed in duplicate with the inter-rater reliability determined by Cohen's Kappa statistic.

Full data extraction included: patient age, gender and ethnicity, index of multiple deprivation (IMD) code (generated from home postcode by East Midlands Ambulance Service NHS Trust), clinical impression(s), clinical observations to include all available GCS scores and pain scores (documented as numeric or visual), times of observations, medications and non-pharmacological treatments administered, times of medications and non-pharmacological treatments, incident call time, arrival at scene time, left scene time, arrival at hospital time, clinician rank (paramedic / technician), clinician experience (years of NHS service), clinician gender and clinician age.

Medications included all drugs administered. Analgesics were counted when administered by anyone (clinicians, patient or parents/relatives) at any time and included paracetamol (tablets, suspension, intravenous), ibuprofen (tablets, suspension), Entonox, morphine sulphate (oral, intravenous), aspirin, codeine, naproxen, Buscopan, co-codamol, diamorphine, dihydrocodeine, ketamine, pethidine, Solpadeine and tramadol. Non-pharmacological treatments included slings, splints, bandages and dressings.

Index of multiple deprivation (IMD) data was taken from the latest (2015) Ministry of Housing, Communities and Local Government.[21] IMD considers 7 domains; income, employment, education, skills and training, health and disability, crime, barriers to housing and services and the living environment.

2.4 Outcome of Interest

The primary outcome measure was 'effective pain management', defined as the abolition or reduction of pain by ≥ 2 out of 10 on the numeric pain rating scale, Wong-Baker FACES[®] scale or FLACC scale[22-27].

The numeric pain rating scale is a self-reporting verbal scale that requires the child to state their level of pain on a scale from 0 to 10, validated in children aged 8+ years.[28] The Wong-Baker faces scales, as seen in figure 1 is another self-reporting scale that requires the child to view the tool and choose the face that best illustrates their pain, validated for children aged 3+ years.[29] The FLACC scale is an objective scale that requires the clinician to determine the child's pain by assessing five criteria, the face, legs, activity, crying and consolability and is validated for pre-verbal children and children not able to verbally score their pain.[30]

Insert Figure 1 Here (colour online only) [29]

Previous validation studies [22-27] have determined, on average, the minimum clinically significant difference in pain score is 2 points on a 10-point scale. This 2-point reduction represents a child's ability to recognise a reduction in pain, therefore its significance is recognised and utilised in this study.

2.5 Data Analysis

Descriptive statistics are displayed with means (standard deviation [SD]) and/or medians (interquartile ranges [IQR]) for continuous data and numbers (n) with percentage (%) for categorical data. Differences between included and excluded patient characteristics were determined using the t-test (means), binomial probability test (proportions) and Wilcoxon rank-sum test (medians). Univariable logistic regression analysis was performed showing odds ratios with 95% confidence intervals (CI) and p-values. Multivariable logistic regression analysis was shown with adjusted odds ratios, 95% CI and p-values. The independent variables used in the multivariable logistic regression analysis were patient age, patient gender, type of pain, analgesia administration, non-pharmacological treatment administration, paramedic crew, time to hospital and index of multiple deprivation. These variables were chosen because of their clinical relevance to the dependent variable. Initial pain score was excluded from both regression analyses to avoid mathematical coupling.[31]

Continuous data were categorised as follows: patient age (0-5, 6-11, 12-17 years), hospital travel time (<30 minutes, ≥30 minutes), patient level of deprivation (index of multiple deprivation 1-3, 4-7, 8-10), clinician age (20-29, 30-39, 40-49, 50-59, 60-69, 70-79) and clinician experience (<5 years and ≥5 years).

The variable 'type of pain' was dichotomised into 'traumatic pain' and 'medical pain'. 'Traumatic pain' included alleged assault, head injury, limb injury, soft tissue injury and thermal injury, for example. 'Medical pain' included accidental overdose / poisoning, acute abdominal problem, back pain, chest pain and headache for example. Patients with traumatic and medical sources of pain were categorised as 'traumatic pain' (due to traumatic pain being perceived as more urgent and receiving preferential treatment over

medical pain[15-17]); patient's with no 'traumatic pain' were categorised as 'medical pain' (see Supplementary File).

Where multiple clinicians were on scene, we did not merge age or experience nor did we group clinician sex into 'male', 'female' or 'mixed'. Instead we identified the 'senior clinician' on scene, as it was likely this clinician would make the decisions regarding pain management. The 'senior clinician' was the highest-ranking clinician on scene; paramedic > technician > other (including trainee technician, emergency care assistant and urgent care assistant). Where more than one paramedic was on scene, we used the characteristics of the first paramedic on scene.

We extracted all available pain scores, including numeric and visual. We did not combine pain scores when both numeric and visual data were available, as their comparability is not well established. Instead, we assessed them separately and determined that 'effective pain management' was achieved when at least one of the scores met the criteria (abolition or reduction of pain score by ≥ 2 out of 10).

Analyses were considered significant when $p < 0.05$. Stata Statistical Version 15 (StataCorp, College Station, TX) was used for data analysis.

2.6 Ethical Considerations

Ethical approval was gained from the National Health Service (NHS) Health Research Authority (HRA) following research ethics committee approval (18/NI/0120). Approval was gained from the Clinical Audit and Research Unit, East Midlands Ambulance Service NHS Trust.

3. Results

During 1st October 2017 to the 30th September 2018 the East Midlands Ambulance Service NHS Trust received 818,340 calls. A vehicle was dispatched and arrived on scene for 662,100 of these calls whilst the remainder were treated over the phone. This resulted in treatment on scene (n=195,523) or conveyance to further care (n=466,577). 517,190 electronic patient report forms (ePRFs) were created during this period, giving an ePRF compliance rate of 78%. The remainder were either paper PRFs, which were not included in this study due to the manual data extraction being unfeasible or a PRF was not completed for the incident. 41,494 of these electronic clinical records were of children aged <18 years. Of these, 8,052 had a documented clinical impression suggestive of acute pain, as deemed by two clinical reviewers (GAW and CW), independently. The level of inter-rater agreement was deemed 'almost perfect', [32] with a Cohen's Kappa score of 0.8972. All clinical impressions deemed suggestive of acute pain by both or one reviewer were included (see Supplementary File).

From the 8,052 records suggestive of acute pain a number of further exclusions were made (see Figure 2) resulting in 2,312 clinical records included for analysis.

Insert Figure 2 Here

Characteristics for the 2,312 included children can be seen in Table 1, segregated by the dependent variable (effective pain management).

Insert Table 1 Here

A large group of children were excluded for no initial pain score or no second pain score (n=3872) (see Figure 2). This excluded group were significantly younger (median (IQR) 8 years (2-14) [p<0.0001]), closer to hospital (median travel time minutes (IQR) 17 (11-24) [p<0.0001]), suffered more traumatic pain (n=2801 (72%) [p<0.0001]), were attended by a paramedic more often (n=2815 (73%) [p=0.0046]), were from more deprived areas (median index of multiple deprivation (IQR) 4 (2-7) [p=0.0002]) and received less analgesia (n=1552 (40%) [p<0.0001]) than those included. See Supplementary File for the table of comparison.

Index of multiple deprivation scores were available for 1585 (69%) children, with 670 (29%) having no home postcode documented and 57 (2%) home postcodes being unmatched / erroneous. Lack of home postcode documentation was likely due to the incident occurring in a public place or at school. The low percentage of unmatched / erroneous postcode data suggests a low risk of bias. Hospital transport time was available for 1894 (82%) children as the remainder were discharged at scene and/or referred to another health care professional. Data were missing for senior clinician age (n=52) and experience (n=37).

Non-pharmacological treatments were administered to 137 children and included dressings (n=57; 42%), splints (n=39; 28%) and slings (n=2; 1%) along with various other treatments such as patient positioning, cold compresses and eye irrigations for example (n=39; 28%).

Of those who achieved effective pain management (n=903), 191 (21%) achieved complete abolition of pain with the remaining 712 (79%) achieving a 2-point reduction.

Results of the univariable and multivariable logistic regression analysis can be seen in Table 2 and 3, respectively.

Insert Table 2 Here

Insert Table 3 Here

Table 3 shows that predictors of effective pain management include children who were younger, administered analgesia, attended by a paramedic and living in an area of medium or low deprivation.

4. Discussion

For children suffering acute pain in the pre-hospital setting, predictors of effective pain management include patients who are younger, administered analgesia, attended by a paramedic or living in an area of medium or low deprivation.

A number of our results confirm previous findings. Jennings and Lord *et al*[15] found that analgesia administration was a predictor of effective pain management in children, with an adjusted odds ratio (95% confidence interval) of 6.6 (5.9-7.3) when compared to those who did not receive analgesia.

Bendall and Simpson *et al*[17], Jennings and Lord *et al*[15] and Lord and Jennings *et al*[16] found that younger children were more likely to achieve effective pain management than

older children. This conflicts with qualitative evidence that found younger children are more difficult to assess, cannulate and administer inhaled analgesia.[33-35] Therefore we conclude that pain management strategies other than analgesics were associated with a higher chance of effective pain relief for younger compared with older children. In an attempt to confirm this finding, we restricted our multivariable logistic regression to include only children aged 0-5 years and found the adjusted odds ratio (95% CI) for achieving effective pain management for those receiving analgesia and non-pharmacological treatments was 1.19 (0.75-1.89) and 0.94 (0.39-2.29), respectively. For 0-5 year old children, analgesia administration was not associated with effective pain management. We were unable to show that non-pharmacological treatments were associated with effective pain management. This may be due to the difficulty in accounting for all non-pharmacological techniques due to lack of documentation. Future prospective studies may be needed to support the hypothesis that non-pharmacological treatments are associated with effective pain management in younger children.

A number of findings did not confirm previously published data. Jennings and Lord *et al*[15], Lord and Jennings *et al*[16] and Bendall and Simpson *et al*[17] identified child sex (male) as a predictor of effective pain management, although Bendall and Simpson *et al*[17] defined 'effective pain management' as a pain score reduction $\geq 30\%$ of initial pain score. We found no significant association ($p=0.090$) between child sex (male) and effective pain management. Our estimate of effect is perhaps more conservative given the number of included independent variables ($n=9$). There is currently no evidence to explain why children of male sex may be more likely to achieve effective pain management than children of female sex.

We found no significant difference ($p=0.981$) between children who face a shorter (<30 minutes) journey to hospital versus a longer journey (≥ 30 minutes). This conflicts with data previously reported by Bendall and Simpson *et al*[17] suggesting children with a shorter care time (<30 minutes) are less likely to achieve effective pain management than those with a longer care time (30 – 59 minutes). We acknowledge that the exclusion of clinical records of children without an initial pain score or second pain score ($n=3872$) may have influenced the “time to hospital” predictor, as the excluded group faced a significantly shorter median hospital transport time of 17 minutes (IQR 11-24) compared to 20 minutes (IQR 13-31) ($p<0.0001$) for the included group.

Analgesia administration was not selected as the primary outcome measure as this was deemed a proxy for effective pain management. The results of this study reinforce this decision as 849 children reported pain and received no analgesia, yet 234 (28%) of these still achieved effective pain reduction. This highlights the multivariable nature of pain management in this paediatric population and context.

The floor and ceiling effect along with regression to the mean was also considered. We categorised those who achieved a numeric pain score reduction from 1 to 0 as ‘effective pain management’ using the ‘abolition of pain’ criteria. The initial pain score could not be included as an independent variable in either logistic regression analysis to avoid mathematical coupling.[31] A percentage reduction, as used in Bendall and Simpson *et al*[17] was considered for the outcome measure, however much of the validation work around the minimum clinically significant difference in pain has been performed using a point reduction.[22-27]

We were able to account for some non-pharmacological treatments such as slings, splints, bandages and dressings within this study; although their administration was not significantly associated with effective pain management. This data adds strength to the evidence base as previous studies were unable to account for these techniques.[5, 36] Patient deprivation level was also assessed as a predictor of effective pain management. To our knowledge this is a novel predictor not previously reported in this population and context.

4.1 Limitations

The electronic patient report form (ePRF) compliance rate for the study period was 78% therefore we have excluded a number of paper PRFs due to the manual data extraction of these forms being unfeasible given the time restraints of this study.

The retrospective nature of this study meant that data could only be collected when clinicians documented their assessments and treatments appropriately. Due to time constraints we were unable to screen the 'free text' section of clinical records, therefore it is possible that some observations or treatments have been missed.

EMAS clinicians could not report behavioural pain scores on the electronic PRF during the period of data extraction, except in the 'free text' section. EMAS follow the Joint Royal Colleges Ambulance Liaison Committee clinical practice guidelines [13] which advocate the use of FLACC (face, legs, activity, crying and consolability) as the choice behavioural pain assessment scale for pre-verbal children, therefore we assume clinicians have used this scale where appropriate and reported it as a numeric pain score during documentation.

The validity of pain scoring tools for children is a concern, as none have been validated in the pre-hospital setting.[13] We assume the numeric pain rating, Wong and Baker faces and FLACC scale are valid and are used appropriately.

Defining 'effective pain management' as an objective measure (abolition or reduction of pain by ≥ 2 out of 10) may not be reflected in the patient's perceived experience. Although validation work had been undertaken [22-27] it might be useful to consider subjective outcome measures in addition to objective measures in both clinical practice and future prospective research.

We excluded children with no initial pain score or no second pain score (n=3872). Their characteristics were significantly different to those included. These exclusions were necessary to satisfy the dependent variable, however we acknowledge this has introduced a degree of selection bias. We expected to see a difference in these two patient groups as the lack of pain assessment documentation indicated perhaps a more challenging group of children in terms of pain assessment and management.

We were not able to measure the influence of non-pharmacological pain management techniques such as distraction and staying close to relatives, due to the difficulty of quantifying these approaches retrospectively. However, we were able to analyse the effects of other non-pharmacological treatments such as slings, splints, bandages and dressings.

Due to the lack of documentation we were unable to determine the impact of patient ethnicity on the dependent variable. Data for clinician ethnicity was not available for extraction, therefore no ethnicity data was presented. We acknowledge the need to address ethno-diversity of data in future research.

We felt that clinicians who were parents versus clinicians who were not may have influenced the rates of effective pain management; however, we were unable to assess this due to this data not being available. Future prospective research should consider this.

Internal validity was deemed high due to the large number of potential confounders considered and the minimisation of selection bias by screening clinical records independently and in duplicate.

External validity was deemed high as many of our results match previously reported evidence.[15-17] Our study population was diverse, encompassing a wide age range from urban and rural areas within a modern EMS system.

4.2 Implications for Future Research

We aim to explain these identified predictors utilising a qualitative approach within a mixed methods study. This integration of data will enrich the quantitative findings from this study by providing context from experience, culture and social norms. This will allow clinicians, policy makers and stakeholders to more comprehensively understand the reasons for the disparity in effective pain management in this paediatric sub group.

Pain scoring tools for children should be validated within the pre-hospital setting and the appropriateness of their use should also be explored. Future research into predictive factors of effective pain management in children should consider patient and clinician ethnicity along with the clinicians' status as a parent.

4.3 Conclusion

These predictors highlight disparity in effective pre-hospital management of acute pain in children. Qualitative research is needed to help explain these findings.

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Image Captions:

Figure 1: Wong-Baker FACES® Pain Rating Scale

Figure 2: Patient flow diagram

Calls – all calls including emergency (999) and non-emergency (111 / GP referral), PRF – patient report form, GCS – Glasgow Coma Scale

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Table 1. Patient Characteristics

Characteristic	Effective pain management (n = 903)	Not effective pain management (n = 1409)	Total (n = 2312)
Age y, median (IQR)	12 (8-15)	14 (9-16)	13 (9-16)
Age y, mean (SD)	11.2 (4.9)	12.0 (4.8)	11.7 (4.8)
Age, n (%)			
0-5 y	140 (15.5)	189 (13.4)	329 (14.2)
6-11 y	263 (29.1)	322 (22.9)	585 (25.3)
12-17 y	500 (55.4)	898 (63.7)	1398 (60.5)
Sex, n (%)			
Female	383 (42.4)	671 (47.6)	1054 (45.6)
Male	516 (57.1)	733 (52.0)	1249 (54.0)
Not documented	4 (0.4)	5 (0.4)	9 (0.4)
Type of pain, n (%)			
Medical	267 (29.6)	509 (36.1)	776 (33.6)
Trauma	636 (70.4)	900 (63.8)	1536 (65.4)
Pain Score, median (IQR)			
Initial numeric	8 (6-9)	6 (4-7)	7 (4-8)
Final numeric	4 (2-6)	6 (4-8)	5 (3-7)
Difference numeric	3 (2-5)	0 (0-0)	0 (0-2)
Initial visual	6 (4-8)	4 (2-6)	4 (2-6)
Final visual	2 (0-4)	4 (2-6)	2 (2-4)
Difference visual	2 (2-4)	0 (0-0)	0 (0-2)
Hospital travel time (mins), median (IQR)	22 (13-31)	20 (13-28)	20 (13-31)
Analgesia, n (%)			
Administered	669 (74.1)	794 (56.4)	1463 (63.3)
Not administered	234 (25.9)	615 (43.7)	849 (36.7)
Non-pharmacological treatment, n (%)			
Administered	62 (6.9)	75 (5.3)	137 (5.9)
Not administered	841 (93.1)	1334 (94.7)	2175 (94.1)
Index of multiple deprivation, median (IQR)	5 (3-7)	4 (2-7)	4 (2-7)
Paramedic crew, n (%)			
Paramedic	669 (74.1)	934 (66.3)	1603 (69.3)
Non-paramedic	234 (25.9)	475 (33.7)	709 (30.7)
Senior clinician age (y), median (IQR)	43 (34-49)	43 (33-50)	43 (33-50)
Senior clinician experience (y), median (IQR)	10 (3-15)	9 (3-15)	10 (3-15)
Senior clinician sex, n (%)			
Female	307 (34.0)	477 (33.9)	784 (33.9)
Male	530 (58.7)	825 (58.6)	1355 (58.6)
Not documented	66 (7.3)	107 (7.6)	173 (7.5)

y – year, IQR – interquartile range, SD – standard deviation, Numeric – numeric pain rating scale, Visual – Wong & Baker faces scale, Non-pharmacological treatment – slings, splints, bandages and dressings, Senior clinician – highest rank clinician > first on scene, Experience – total NHS (National Health Service, UK) employment, Index of multiple deprivation (2015) – calculated from home postcode (IMD is based on income,

employment, education skills and training, health and disability, crime, barriers to housing and services and living environment [1 = Highest deprivation, 10 = Lowest deprivation]).

Table 2. Univariable logistic regression analysis assessing the odds of achieving effective pain management (abolition or reduction of pain ≥ 2 out of 10).

Predictor	Odds Ratio (95% CI)	Significance (p-value)
Patient age, y		
0-5	1.33 (1.04-1.70)	0.022
6-11	1.47 (1.21-1.78)	<0.000
12-17 (reference)	1	
Patient sex		
Male	1.23 (1.04-1.46)	0.015
Female (reference)	1	
Type of pain		
Trauma	1.35 (1.13-1.61)	0.001
Medical (reference)	1	
Analgesia administration		
Administered	2.21 (1.85-2.66)	<0.001
Not administered (reference)	1	
Non-pharmacological treatment administration		
Administered	1.31 (0.93-1.86)	0.126
Not administered (reference)	1	
Index of multiple deprivation		
Highest deprivation (reference)	1	
Medium deprivation	1.41 (1.12-1.78)	0.003
Lowest deprivation	1.35 (1.03-1.76)	0.027
Missing data	1.18 (0.94-1.46)	0.148
Hospital travel time		
<30 minutes (reference)	1	
≥ 30 minutes	1.03 (0.84-1.28)	0.756
Missing data	0.92 (0.74-1.15)	0.480
Paramedic crew		
Paramedic	1.45 (1.21-1.75)	<0.001
Non-paramedic (reference)	1	
Senior clinician age, y		
20-29 (reference)	1	
30-39	1.09 (0.81-1.45)	0.569
40-49	1.15 (0.88-1.49)	0.304
50-59	1.06 (0.80-1.41)	0.680
60-69	0.50 (0.28-0.91)	0.022
70-79	0.55 (0.06-5.37)	0.610
Missing data	0.95 (0.52-1.75)	0.882
Senior clinician sex		
Male	0.99 (0.82-1.18)	0.877
Female (reference)	1	
Senior clinician experience, y		
≥ 5	1.06 (0.89-1.27)	0.515
<5 (reference)	1	
Missing data	0.99 (0.50-1.95)	0.969

y – years, non-pharmacological treatment administration – slings, splints, bandages and dressings, index of multiple deprivation (2015) – highest deprivation (1-3), medium deprivation (4-7), lowest

deprivation (8-10), senior clinician – highest rank clinician > first on scene, experience – total NHS
(National Health Service, UK) employment.

Table 3. Multivariable logistic regression analysis assessing the odds of achieving effective pain management (abolition or reduction of pain ≥ 2 out of 10).

Predictor	Adjusted* Odds Ratio (95% CI)	Significance (p-value)
Patient age, y		
0-5	1.53 (1.18-1.97)	0.001
6-11	1.49 (1.21-1.82)	<0.001
12-17 (reference)	1	
Patient sex		
Male	1.17 (0.98-1.39)	0.090
Female (reference)	1	
Type of pain		
Trauma	1.18 (0.97-1.43)	0.091
Medical (reference)	1	
Senior Clinician Experience		
<5 years (reference)	1	
≥ 5 years	0.97 (0.80-1.18)	0.744
Missing data	1.42 (0.70-2.91)	0.334
Analgesia administration		
Administered	2.26 (1.87-2.73)	<0.001
Not administered (reference)	1	
Non-pharmacological treatment administration		
Administered	1.08 (0.75-1.55)	0.695
Not administered (reference)	1	
Paramedic crew		
Paramedic	1.46 (1.19-1.79)	<0.001
Non-paramedic (reference)	1	
Hospital travel time		
<30 minutes (reference)	1	
≥ 30 minutes	1.00 (0.80-1.25)	0.981
Missing data	1.00 (0.78-1.27)	0.986
Index of multiple deprivation		
Highest deprivation (reference)	1 (ref)	
Medium deprivation	1.41 (1.11-1.79)	0.005
Lowest deprivation	1.37 (1.04-1.80)	0.027
Missing data	1.18 (0.94-1.48)	0.158

Number of observations: 2,303

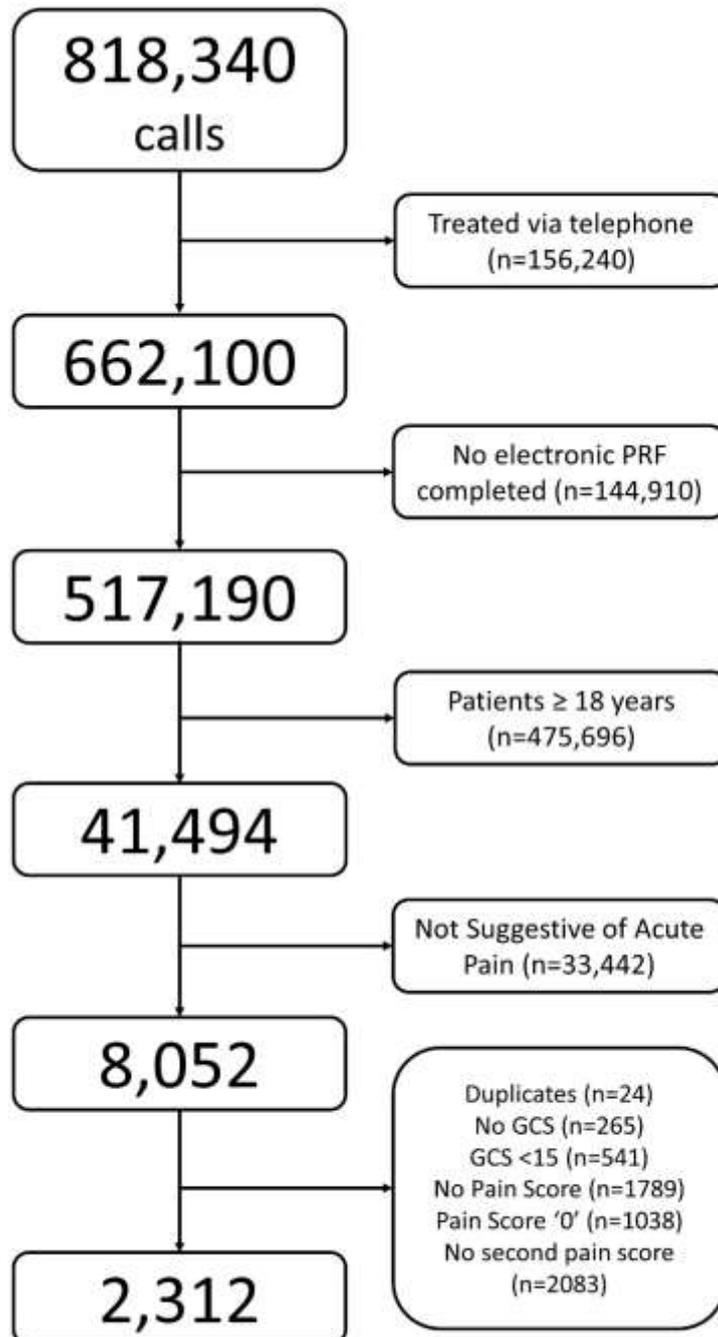
y – years, non-pharmacological treatment administration – slings, splints, bandages and dressings, index of multiple deprivation (2015) – highest deprivation (1-3), medium deprivation (4-7), lowest deprivation (8-10), senior clinician – highest rank clinician > lowest PIN number, experience – total NHS (National Health Service, UK) employment.

*Adjusted for patient age, patient sex, type of pain, senior clinician experience, analgesia administration, non-pharmacological treatment administration, paramedic crew, hospital travel time and index of multiple deprivation.

Figure 1: Wong-Baker FACES® Pain Rating Scale



Figure 2: Patient flow diagram



Calls – all calls including emergency (999) and non-emergency (111 / GP referral), PRF – patient report form, GCS – Glasgow Coma Scale

Supplementary File

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Comparison of characteristics of the included children versus excluded children without an initial or second pain score.

Characteristic	Included (n = 2312)	Excluded (without initial or second pain score) (n = 3872)	p-value*
Age y, median (IQR)	13 (9-16)	8 (2-14)	<0.0001
Age y, mean (SD)	11.7 (4.8)	8.3 (5.9)	<0.0001
Age, n (%)			
0-5 y	329 (14.2)	1541 (39.8)	<0.0001
6-11 y	585 (25.3)	904 (23.3)	0.0818
12-17 y	1398 (60.5)	1427 (36.8)	<0.0001
Sex, n (%)			
Female	1054 (45.6)	1686 (43.5)	0.1173
Male	1249 (54.0)	2175 (56.2)	0.0999
Type of pain, n (%)			
Medical	776 (33.6)	1071 (27.7)	<0.0001
Trauma	1536 (65.4)	2801 (72.3)	
Hospital travel time (mins), median (IQR)	20 (13-31)	17 (11-24)	<0.0001
Analgesia, n (%)			
Administered	1463 (63.3)	1552 (40.1)	<0.0001
Not administered	849 (36.7)	2320 (59.9)	
Non-pharmacological treatment, n (%)			
Administered	137 (5.9)	191 (4.9)	0.0919
Not administered	2175 (94.1)	3681 (95.1)	
Index of multiple deprivation, median (IQR)	4 (2-7)	4 (2-7)	0.0002
IMD, mean (SD)	4.75 (2.87)	4.44 (2.92)	0.0009
Paramedic crew, n (%)			
Paramedic	1603 (69.3)	2815 (72.7)	0.0046
Non-paramedic	709 (30.7)	1057 (27.3)	
Senior clinician age (y), median (IQR)	43 (33-50)	44 (34-51)	0.0285
Senior clinician experience (y), median (IQR)	10 (3-15)	11 (3-16)	0.0003
Senior clinician sex, n (%)			
Female	784 (33.9)	1355 (35.0)	0.3855
Male	1355 (58.6)	2256 (58.3)	0.7913

*t-test (means); binomial probability test (proportions); Wilcoxon rank-sum test (medians)

y – year, IQR – interquartile range, SD – standard deviation

Clinical Impression Filter

Impression (n=1321)	Suggestive of <u>Acute Pain</u> ?	Suggestive of <u>Acute Pain</u> ?	COMBINED 1 = Yes 0 = No
	1 = Yes 0 = No	1 = Yes 0 = No	
	<u>GW SCORES</u>	<u>CW SCORES</u>	
AAA;	0	1	1
Abdominal Injury;	1	1	1
Abdominal Injury; Acute Abdominal Problem;	1	1	1
Abdominal Injury; Alleged Assault;	1	1	1
Abdominal Injury; Alleged Assault; Chest Injury; Limb Injury; Multi-System Trauma; Penetrating Trauma; Stab Wound;	1	1	1
Abdominal Injury; Back Injury;	1	1	1
Abdominal Injury; Back Injury; Chest Injury; Head Injury; Limb Injury; Multi-System Trauma; Neck Injury; Soft Tissue Injury;	1	1	1
Abdominal Injury; Back Injury; Chest Injury; Limb Injury; Neck Injury;	1	1	1
Abdominal Injury; Back Injury; Neck Injury;	1	1	1
Abdominal Injury; Chest Injury;	1	1	1

Abdominal Injury; Faint / Dizziness;	1	1	1
Abdominal Injury; Faint;	1	1	1
Abdominal Injury; Head Injury;	1	1	1
Abdominal Injury; Head Injury; Limb Injury;	1	1	1
Abdominal Injury; Head Injury; Limb Injury; Soft Tissue Injury;	1	1	1
Abdominal Injury; Limb Injury;	1	1	1
Abdominal Injury; Penetrating Trauma; Soft Tissue Injury;	1	1	1
Abdominal Injury; Soft Tissue Injury;	1	1	1
Accidental Overdose / Poisoning;	1	0	1
Accidental Overdose / Poisoning; Acute Abdominal Problem;	1	1	1
Accidental Overdose / Poisoning; Alleged Assault; Chest Injury; Cold Exposure; Collapse ? Cause; Faint / Dizziness; Head Injury; Neck Injury;	1	1	1
Accidental Overdose / Poisoning; Allergic Reaction;	1	0	1
Accidental Overdose / Poisoning; Anxiety; Depression; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Anxiety; Effects of Alcohol;	1	0	1

Accidental Overdose / Poisoning; Anxiety; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Arrhythmia / Palpitations;	1	0	1
Accidental Overdose / Poisoning; Attempted Suicide;	1	0	1
Accidental Overdose / Poisoning; Attempted Suicide; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Bite / Sting;	1	1	1
Accidental Overdose / Poisoning; Carbon Monoxide Poisoning;	1	0	1
Accidental Overdose / Poisoning; Cardiac Problem;	1	0	1
Accidental Overdose / Poisoning; Chest Pain Non-Cardiac;	1	1	1
Accidental Overdose / Poisoning; Collapse ? Cause;	1	0	1
Accidental Overdose / Poisoning; Collapse ? Cause; Head Injury;	1	1	1
Accidental Overdose / Poisoning; Collapse ? Cause; Head Injury; Query Intoxicated;	1	1	1
Accidental Overdose / Poisoning; Collapse Unknown Cause;	1	0	1
Accidental Overdose / Poisoning; Convulsion;	1	0	1
Accidental Overdose / Poisoning; Depression;	1	0	1

Accidental Overdose / Poisoning; Depression; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Effects of Alcohol;	1	0	1
Accidental Overdose / Poisoning; Effects of Alcohol; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Faint / Dizziness;	1	0	1
Accidental Overdose / Poisoning; Head Injury;	1	1	1
Accidental Overdose / Poisoning; Headache;	1	1	1
Accidental Overdose / Poisoning; Hyperglycaemia;	1	0	1
Accidental Overdose / Poisoning; Influenza;	1	0	1
Accidental Overdose / Poisoning; Intentional Drug Overdose;	1	0	1
Accidental Overdose / Poisoning; Intentional Drug Overdose; Other Respiratory Problem;	1	0	1
Accidental Overdose / Poisoning; Isolated Limb Injury;	1	1	1
Accidental Overdose / Poisoning; Off Legs / Poor Mobility;	1	0	1
Accidental Overdose / Poisoning; Opiate Overdose;	1	0	1
Accidental Overdose / Poisoning; Other Abdominal Problem; Query Intoxicated;	1	1	1
Accidental Overdose / Poisoning; Other Cardiac Problem;	1	0	1

Accidental Overdose / Poisoning; Other Infection;	1	0	1
Accidental Overdose / Poisoning; Other Medical Problem;	1	0	1
Accidental Overdose / Poisoning; Other Mental Health Problem;	1	0	1
Accidental Overdose / Poisoning; Other Respiratory Problem;	1	0	1
Accidental Overdose / Poisoning; Query Intoxicated;	1	0	1
Accidental Overdose / Poisoning; Query Intoxicated; Unintentional Overdose;	1	0	1
Accidental Overdose / Poisoning; Social Problem;	1	0	1
Accidental Overdose / Poisoning; Soft Tissue Injury;	1	1	1
Accidental Overdose / Poisoning; Unintentional Overdose;	1	0	1
Accidental Overdose / Poisoning; Unknown Problem;	1	0	1
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Acute Abdominal Problem; Acute Abdominal Problem;	1	1	1
Acute Abdominal Problem; Alleged Assault; Faint / Dizziness; Headache; Off Legs / Poor Mobility;	1	1	1
Acute Abdominal Problem; Allergic Reaction;	1	1	1
Acute Abdominal Problem; Anxiety;	1	1	1

Acute Abdominal Problem; Anxiety; Back Pain Non-Traumatic; Other Mental Health Problem;	1	1	1
Acute Abdominal Problem; Anxiety; Cardiac Problem; Other Respiratory Problem; Panic / Anxiety Attack;	1	1	1
Acute Abdominal Problem; Anxiety; Depression;	1	1	1
Acute Abdominal Problem; Anxiety; Depression; Other Mental Health Problem;	1	1	1
Acute Abdominal Problem; Anxiety; Faint; Faint / Dizziness; Unknown Problem;	1	1	1
Acute Abdominal Problem; Arrhythmia / Palpitations;	1	1	1
Acute Abdominal Problem; Asthma;	1	1	1
Acute Abdominal Problem; Asthma; Pyrexia Unknown Origin; Urinary Tract Infection;	1	1	1
Acute Abdominal Problem; Attempted Suicide;	1	1	1
Acute Abdominal Problem; Back Pain Non-Traumatic;	1	1	1
Acute Abdominal Problem; Back Pain Non-Traumatic; D & V;	1	1	1
Acute Abdominal Problem; Back Pain Non-Traumatic; Faint / Dizziness;	1	1	1
Acute Abdominal Problem; Back Pain Non-Traumatic; Urinary Problem; Urinary Tract Infection;	1	1	1

Acute Abdominal Problem; Cardiac Chest Pain;	1	1	1
Acute Abdominal Problem; Cardiac Chest Pain; Chest Pain Non-Cardiac; Unknown Problem;	1	1	1
Acute Abdominal Problem; Cardiac Problem;	1	1	1
Acute Abdominal Problem; Chest Infection;	1	1	1
Acute Abdominal Problem; Chest Infection; D & V; Other Infection;	1	1	1
Acute Abdominal Problem; Chest Infection; Other Medical Problem;	1	1	1
Acute Abdominal Problem; Chest Infection; Other Medical Problem; Other Respiratory Problem;	1	1	1
Acute Abdominal Problem; Chest Infection; Pyrexia Unknown Origin; Urinary Tract Infection;	1	1	1
Acute Abdominal Problem; Chest Pain Non-Cardiac;	1	1	1
Acute Abdominal Problem; Chest Pain Non-Cardiac; D & V; Other Respiratory Problem; Pyrexia Unknown Origin; Sepsis;	1	1	1
Acute Abdominal Problem; Choking; Unknown Problem;	1	1	1
Acute Abdominal Problem; Collapse ? Cause;	1	1	1
Acute Abdominal Problem; Collapse ? Cause; Faint / Dizziness; PV Bleed;	1	1	1

Acute Abdominal Problem; Collapse Unknown Cause;	1	1	1
Acute Abdominal Problem; Collapse Unknown Cause; D & V;	1	1	1
Acute Abdominal Problem; Collapse Unknown Cause; Headache;	1	1	1
Acute Abdominal Problem; Constipation;	1	1	1
Acute Abdominal Problem; Constipation; Other Infection; Pyrexia Unknown Origin;	1	1	1
Acute Abdominal Problem; Constipation; PV Bleed;	1	1	1
Acute Abdominal Problem; Convulsion;	1	1	1
Acute Abdominal Problem; D & V;	1	1	1
Acute Abdominal Problem; Depression; Headache; Intentional Drug Overdose;	1	1	1
Acute Abdominal Problem; Ectopic Pregnancy;	1	1	1
Acute Abdominal Problem; Effects of Alcohol;	1	1	1
Acute Abdominal Problem; Faint / Dizziness;	1	1	1
Acute Abdominal Problem; Faint / Dizziness; Ither Diabetic Problem;	1	1	1
Acute Abdominal Problem; Faint / Dizziness; Other ENT Problem;	1	1	1

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Acute Abdominal Problem; Soft Tissue Injury;	1	1	1

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Alleged Assault; Anxiety;	1	1	1
Alleged Assault; Back Injury;	1	1	1
Alleged Assault; Back Injury; Head Injury;	1	1	1
Alleged Assault; Back Injury; Head Injury; Neck Injury;	1	1	1
Alleged Assault; Bite / Sting;	1	1	1
Alleged Assault; Bite / Sting; Bite / Sting; Soft Tissue Injury;	1	1	1
Alleged Assault; Chemical Exposure; Soft Tissue Injury;	1	1	1
Alleged Assault; Collapse Unknown Cause; Faint;	1	1	1
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Alleged Assault; Convulsion; Headache;	1	1	1
Alleged Assault; Effects of Alcohol;	1	1	1
Alleged Assault; Eye Problem;	1	1	1
Alleged Assault; Faint / Dizziness;	1	1	1

Alleged Assault; Head Injury;	1	1	1
Alleged Assault; Head Injury; Neck Injury;	1	1	1
Alleged Assault; Head Injury; Soft Tissue Injury;	1	1	1
Alleged Assault; Headache;	1	1	1
Alleged Assault; Intentional Drug Overdose; Query Intoxicated;	1	1	1
Alleged Assault; Isolated Head Injury;	1	1	1
Alleged Assault; Isolated Neck Injury;	1	1	1
Alleged Assault; Limb Injury;	1	1	1
Alleged Assault; Other Medical Problem;	1	1	1
Alleged Assault; Other Respiratory Problem;	1	1	1
Alleged Assault; Panic / Anxiety Attack;	1	1	1
Alleged Assault; Penetrating Trauma;	1	1	1
Alleged Assault; Query Intoxicated;	1	1	1
Alleged Assault; Soft Tissue Injury;	1	1	1
Alleged Assault; Stab Wound;	1	1	1
Alleged Assault; Unintentional Overdose;	1	1	1
Allergic Reaction;	0	0	0
Allergic Reaction; Allergic Reaction;	0	0	0

Allergic Reaction; Anxiety;	0	0	0
Allergic Reaction; Asthma;	0	0	0
Allergic Reaction; Bite / Sting;	1	1	1
Allergic Reaction; Chest Infection;	0	0	0
Allergic Reaction; Chest Infection; Other Respiratory Problem;	0	0	0
Allergic Reaction; Choking;	0	0	0
Allergic Reaction; Collapse ? Cause;	0	0	0
Allergic Reaction; Convulsion;	0	0	0
Allergic Reaction; D & V;	0	0	0
Allergic Reaction; D & V; Pyrexia Unknown Origin;	0	0	0
Allergic Reaction; Eye Problem;	0	0	0
Allergic Reaction; Faint / Dizziness;	0	0	0
Allergic Reaction; Faint;	0	0	0
Allergic Reaction; Faint; Other Medical Problem;	0	0	0
Allergic Reaction; Headache;	1	1	1
Allergic Reaction; Influenza;	0	0	0
Allergic Reaction; Meningitis;	0	1	1
Allergic Reaction; Meningitis; Other Infection;	0	1	1

Allergic Reaction; Meningitis; Other Medical Problem;	0	1	1
Allergic Reaction; Other Abdominal Problem;	0	1	1
Allergic Reaction; Other ENT Problem;	0	0	0
Allergic Reaction; Other Infection;	0	0	0
Allergic Reaction; Other Infection; Other Medical Problem;	0	0	0
Allergic Reaction; Other Infection; Unknown Problem;	0	0	0
Allergic Reaction; Other Medical Problem;	0	0	0
Allergic Reaction; Other Respiratory Problem;	0	0	0
Allergic Reaction; Panic / Anxiety Attack;	0	0	0
Allergic Reaction; Pyrexia Unknown Origin;	0	0	0
Allergic Reaction; Unknown Problem;	0	0	0
Allergic Reaction; Urinary Tract Infection;	0	0	0
Antepartum Haemorrhage; Delivery Complication; In Labour;	1	1	1
Anxiety;	0	0	0
Anxiety; Arrhythmia / Palpitations;	0	0	0
Anxiety; Arrhythmia / Palpitations; Collapse ? Cause; Faint;	0	0	0
Anxiety; Asthma;	0	0	0
Anxiety; Attempted Suicide;	0	0	0

Anxiety; Attempted Suicide; Depression;	0	0	0
Anxiety; Attempted Suicide; Depression; Intentional Drug Overdose;	0	0	0
Anxiety; Attempted Suicide; Other Mental Health Problem;	0	0	0
Anxiety; Back Injury; Soft Tissue Injury;	1	1	1
Anxiety; Back Pain Non-Traumatic;	1	1	1
Anxiety; Cardiac Chest Pain;	1	1	1
Anxiety; Cardiac Chest Pain; Chest Pain Non-Cardiac;	1	1	1
Anxiety; Cardiac Problem;	0	0	0
Anxiety; Chest Infection;	0	0	0
Anxiety; Chest Infection; Chest Pain Non-Cardiac;	1	1	1
Anxiety; Chest Injury; Depression; Other Mental Health Problem;	1	1	1
Anxiety; Chest Pain Non-Cardiac;	1	1	1
Anxiety; Chest Pain Non-Cardiac; Other Medical Problem;	1	1	1
Anxiety; Choking; Collapse ? Cause; Panic / Anxiety Attack;	0	0	0
Anxiety; Chronic Neurological Problem;	0	0	0
Anxiety; Chronic Neurological Problem; Collapse ? Cause;	0	0	0
Anxiety; Collapse ? Cause;	0	0	0

Anxiety; Collapse ? Cause; Collapse Unknown Cause; Confusion; Convulsion; Depression; Faint; Faint / Dizziness; Head Injury; TIA;	1	1	1
Anxiety; Collapse ? Cause; Collapse Unknown Cause; Depression; Faint; Faint / Dizziness; Faint / Dizziness; Headache; Other Mental Health Problem;	1	0	1
Anxiety; Collapse ? Cause; Limb Injury;	1	1	1
Anxiety; Collapse Unknown Cause;	0	0	0
Anxiety; Collapse Unknown Cause; Depression;	0	0	0
Anxiety; Collapse Unknown Cause; Faint;	0	0	0
Anxiety; Confusion;	0	0	0
Anxiety; Convulsion;	0	0	0
Anxiety; Convulsion; Depression; Panic / Anxiety Attack;	0	0	0
Anxiety; Convulsion; Other Mental Health Problem;	0	0	0
Anxiety; D & V;	0	0	0
Anxiety; Dementia;	0	0	0
Anxiety; Dementia; Intentional Drug Overdose;	0	0	0
Anxiety; Depression;	0	0	0
Anxiety; Depression; Faint / Dizziness;	0	0	0
Anxiety; Depression; Hypoglycaemia;	0	0	0

Anxiety; Depression; Intentional Drug Overdose;	0	0	0
Anxiety; Depression; Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Anxiety; Depression; Limb Injury;	1	1	1
Anxiety; Depression; Other Medical Problem; Other Mental Health Problem;	0	0	0
Anxiety; Depression; Other Mental Health Problem;	0	0	0
Anxiety; Depression; Panic / Anxiety Attack;	0	0	0
Anxiety; Effects of Alcohol; Query Intoxicated;	0	0	0
Anxiety; Epistaxis;	0	0	0
Anxiety; Faint / Dizziness;	0	0	0
Anxiety; Faint / Dizziness; Faint / Dizziness;	0	0	0
Anxiety; Faint / Dizziness; Influenza;	0	0	0
Anxiety; Faint / Dizziness; Social Problem;	0	0	0
Anxiety; Faint;	0	0	0
Anxiety; Head Injury;	1	1	1
Anxiety; Head Injury; Headache; Other Mental Health Problem;	1	1	1
Anxiety; Headache;	1	1	1

Anxiety; Headache; Panic / Anxiety Attack;	1	1	1
Anxiety; Hypoglycaemia;	0	0	0
Anxiety; Influenza;	0	0	0
Anxiety; Intentional Drug Overdose;	0	0	0
Anxiety; Intentional Drug Overdose; Query Intoxicated;	0	0	0
Anxiety; Limb Injury;	1	1	1
Anxiety; No Apparent Problem;	0	0	0
Anxiety; No Apparent Problem; Panic / Anxiety Attack;	0	0	0
Anxiety; Other Abdominal Problem;	0	1	1
Anxiety; Other ENT Problem;	0	0	0
Anxiety; Other Infection;	0	0	0
Anxiety; Other Medical Problem;	0	0	0
Anxiety; Other Mental Health Problem;	0	0	0
Anxiety; Other Mental Health Problem; Psychosis;	0	0	0
Anxiety; Other Mental Health Problem; Psychosis; Thermal Injury;	0	1	1
Anxiety; Panic / Anxiety Attack;	0	0	0
Anxiety; Psychosis;	0	0	0
Anxiety; Pyrexia Unknown Origin;	0	0	0

Anxiety; Query Intoxicated;	0	0	0
Anxiety; Social Problem;	0	0	0
Anxiety; Soft Tissue Injury;	1	1	1
Anxiety; Suspected PE;	1	1	1
Anxiety; Unintentional Overdose;	0	0	0
Anxiety; Urinary Tract Infection;	0	0	0
Arrhythmia / Palpitations;	0	0	0
Arrhythmia / Palpitations; Asthma; Cardiac Chest Pain; Chest Pain Non-Cardiac;	1	1	1
Arrhythmia / Palpitations; Attempted Suicide; Ither Diabetic Problem;	0	0	0
Arrhythmia / Palpitations; Back Pain Non-Traumatic;	1	1	1
Arrhythmia / Palpitations; Cardiac Chest Pain;	1	1	1
Arrhythmia / Palpitations; Cardiac Problem;	0	0	0
Arrhythmia / Palpitations; Collapse ? Cause;	0	0	0
Arrhythmia / Palpitations; Collapse ? Cause; Faint / Dizziness;	0	0	0
Arrhythmia / Palpitations; Collapse Unknown Cause; Faint; Faint / Dizziness;	0	0	0

Arrhythmia / Palpitations; Collapse Unknown Cause; Urinary Tract Infection;	0	0	0
Arrhythmia / Palpitations; Convulsion;	0	0	0
Arrhythmia / Palpitations; Convulsion; Head Injury;	1	1	1
Arrhythmia / Palpitations; Faint / Dizziness;	0	0	0
Arrhythmia / Palpitations; Faint / Dizziness; Other Respiratory Problem;	0	0	0
Arrhythmia / Palpitations; Head Injury;	1	1	1
Arrhythmia / Palpitations; Intentional Drug Overdose;	0	0	0
Arrhythmia / Palpitations; Other Gynae Problem; Other Respiratory Problem; Unknown Problem; Urinary Tract Infection;	0	0	0
Arrhythmia / Palpitations; Other Infection;	0	0	0
Arrhythmia / Palpitations; Other Medical Problem;	0	0	0
Arrhythmia / Palpitations; Other Mental Health Problem;	0	0	0
Arrhythmia / Palpitations; Other Neurological Problem;	0	0	0
Arrhythmia / Palpitations; Other Respiratory Problem;	0	0	0
Arrhythmia / Palpitations; Panic / Anxiety Attack;	0	0	0
Arrhythmia / Palpitations; Query Intoxicated;	0	0	0
Arrhythmia / Palpitations; Soft Tissue Injury;	1	1	1

Arrhythmia / Palpitations; Urinary Tract Infection;	0	0	0
Asthma;	0	0	0
Asthma; Asthma;	0	0	0
Asthma; Asthma; Chest Infection; Chest Infection;	0	0	0
Asthma; Chest Infection;	0	0	0
Asthma; Chest Infection; COPD;	0	0	0
Asthma; Chest Infection; Faint / Dizziness;	0	0	0
Asthma; Chest Infection; Other Cardiac Problem;	0	0	0
Asthma; Chest Infection; Other Infection;	0	0	0
Asthma; Chest Infection; Other Respiratory Problem;	0	0	0
Asthma; Chest Pain Non-Cardiac;	1	1	1
Asthma; Collapse ? Cause; Collapse Unknown Cause;	0	0	0
Asthma; Collapse ? Cause; Faint; Unknown Problem;	0	0	0
Asthma; Convulsion;	0	0	0
Asthma; D & V;	0	0	0
Asthma; Faint / Dizziness;	0	0	0
Asthma; Intentional Drug Overdose;	0	0	0
Asthma; No Apparent Problem;	0	0	0

Asthma; Other ENT Problem; Other Infection;	0	0	0
Asthma; Other Infection;	0	0	0
Asthma; Other Infection; Other Infection; Other Respiratory Problem;	0	0	0
Asthma; Other Medical Problem;	0	0	0
Asthma; Other Medical Problem; Panic / Anxiety Attack;	0	0	0
Asthma; Other Respiratory Problem;	0	0	0
Asthma; Other Respiratory Problem; Unknown Problem;	0	0	0
Asthma; Panic / Anxiety Attack;	0	0	0
Asthma; Sepsis;	0	0	0
Asthma; Suspected PE;	1	1	1
Attempted Suicide;	0	0	0
Attempted Suicide; Cardiac Chest Pain;	1	1	1
Attempted Suicide; Depression;	0	0	0
Attempted Suicide; Depression; Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Attempted Suicide; Depression; Other Mental Health Problem;	0	0	0
Attempted Suicide; Depression; Social Problem;	0	0	0

Attempted Suicide; Effects of Alcohol;	0	0	0
Attempted Suicide; Headache; Intentional Drug Overdose;	1	1	1
Attempted Suicide; Intentional Drug Overdose;	0	0	0
Attempted Suicide; Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Attempted Suicide; Isolated Head Injury;	1	1	1
Attempted Suicide; Other Mental Health Problem;	0	0	0
Attempted Suicide; Soft Tissue Injury;	1	1	1
Attempted Suicide; Under MHA Section;	0	0	0
Baby Delivered;	1	0	1
Baby Delivered; Delivery Complication;	1	0	1
Baby Delivered; Delivery Complication; New Born Infant;	1	0	1
Baby Delivered; In Labour;	1	1	1
Baby Delivered; New Born Infant;	1	0	1
Back Injury;	1	1	1
Back Injury; Cardiac Arrest; Head Injury; Multi-System Trauma; Neck Injury; Other Respiratory Problem; Soft Tissue Injury;	1	1	1
Back Injury; Cardiac Problem; Faint / Dizziness; Fall Non - Injury; Neck Injury; Unknown Problem;	1	1	1

Back Injury; Chest Injury;	1	1	1
Back Injury; Chest Injury; Intentional Drug Overdose; Limb Injury; Soft Tissue Injury;	1	1	1
Back Injury; Chest Injury; Limb Injury;	1	1	1
Back Injury; Chest Pain Non-Cardiac; Confusion; Unknown Problem;	1	1	1
Back Injury; Collapse ? Cause; Neck Injury;	1	1	1
Back Injury; Diving Incident;	1	1	1
Back Injury; Diving Incident; Limb Injury;	1	1	1
Back Injury; Faint;	1	1	1
Back Injury; Head Injury;	1	1	1
Back Injury; Head Injury; Neck Injury;	1	1	1
Back Injury; Head Injury; Urinary Tract Infection;	1	1	1
Back Injury; Headache;	1	1	1
Back Injury; Limb Injury;	1	1	1
Back Injury; Limb Injury; Neck Injury;	1	1	1
Back Injury; Neck Injury;	1	1	1
Back Injury; Neck Injury; Query Intoxicated;	1	1	1
Back Injury; Neck Injury; Soft Tissue Injury;	1	1	1

Back Injury; Other Medical Problem;	1	1	1
Back Injury; Other Neurological Problem;	1	1	1
Back Injury; Soft Tissue Injury;	1	1	1
Back Pain Non-Traumatic;	1	1	1
Back Pain Non-Traumatic; Chest Pain Non-Cardiac;	1	1	1
Back Pain Non-Traumatic; Collapse ? Cause; Confusion; Convulsion; Headache;	1	1	1
Back Pain Non-Traumatic; Collapse Unknown Cause; Faint; Other Neurological Problem;	1	1	1
Back Pain Non-Traumatic; D & V;	1	1	1
Back Pain Non-Traumatic; Eye Problem; Headache;	1	1	1
Back Pain Non-Traumatic; Other Abdominal Problem;	1	1	1
Back Pain Non-Traumatic; Other Medical Problem;	1	1	1
Back Pain Non-Traumatic; Other Medical Problem; Urinary Tract Infection;	1	1	1
Back Pain Non-Traumatic; Panic / Anxiety Attack;	1	1	1
Back Pain Non-Traumatic; Pyrexia Unknown Origin;	1	1	1
Back Pain Non-Traumatic; Urinary Tract Infection;	1	1	1
Bite / Sting;	1	1	1

Bite / Sting; Collapse ? Cause;	1	1	1
Bite / Sting; Eye Problem;	1	1	1
Bite / Sting; Faint;	1	1	1
Bite / Sting; Limb Injury;	1	1	1
Bite / Sting; Other Infection;	1	1	1
Bite / Sting; Other Medical Problem;	1	1	1
Bite / Sting; Soft Tissue Injury;	1	1	1
Carbon Monoxide Poisoning;	0	0	0
Carbon Monoxide Poisoning; Other Respiratory Problem;	0	0	0
Cardiac Arrest;	0	0	0
Cardiac Arrest; Cardiac Problem;	0	0	0
Cardiac Arrest; Drowning;	0	0	0
Cardiac Arrest; ECG Confirmed ST Segment Elevated MI;	0	0	0
Cardiac Arrest; Meningitis;	0	0	0
Cardiac Arrest; Multi-System Trauma;	1	1	1
Cardiac Arrest; Other Respiratory Problem;	0	0	0
Cardiac Arrest; ROLE Unexpected;	0	0	0
Cardiac Arrest; Stab Wound;	1	1	1

Cardiac Chest Pain;	1	1	1
Cardiac Chest Pain; Cardiac Problem;	1	1	1
Cardiac Chest Pain; Cardiac Problem; Chest Pain Non-Cardiac;	1	1	1
Cardiac Chest Pain; Chest Infection;	1	1	1
Cardiac Chest Pain; Chest Injury;	1	1	1
Cardiac Chest Pain; Chest Pain Non-Cardiac;	1	1	1
Cardiac Chest Pain; Collapse Unknown Cause; Other Medical Problem;	1	1	1
Cardiac Chest Pain; Convulsion;	1	1	1
Cardiac Chest Pain; Convulsion; Headache;	1	1	1
Cardiac Chest Pain; D & V;	1	1	1
Cardiac Chest Pain; Effects of Alcohol;	1	1	1
Cardiac Chest Pain; Faint / Dizziness;	1	1	1
Cardiac Chest Pain; Intentional Drug Overdose;	1	1	1
Cardiac Chest Pain; Other Infection;	1	1	1
Cardiac Chest Pain; Other Infection; Other Medical Problem;	1	1	1
Cardiac Chest Pain; Other Medical Problem;	1	1	1
Cardiac Chest Pain; Other Mental Health Problem;	1	1	1

Cardiac Chest Pain; Other Respiratory Problem;	1	1	1
Cardiac Chest Pain; Suspected PE;	1	1	1
Cardiac Problem;	0	0	0
Cardiac Problem; Chest Pain Non-Cardiac;	1	1	1
Cardiac Problem; Chronic Neurological Problem; Convulsion;	0	0	0
Cardiac Problem; Collapse ? Cause;	0	0	0
Cardiac Problem; Collapse Unknown Cause; Other Medical Problem;	0	0	0
Cardiac Problem; D & V;	0	0	0
Cardiac Problem; Effects of Alcohol; Intentional Drug Overdose;	0	0	0
Cardiac Problem; Faint / Dizziness;	0	0	0
Cardiac Problem; Head Injury; Other Medical Problem;	1	1	1
Cardiac Problem; Hypoglycaemia;	0	0	0
Cardiac Problem; Intentional Drug Overdose;	0	0	0
Cardiac Problem; Other Cardiac Problem; Other Medical Problem;	0	0	0
Cardiac Problem; Other Infection;	0	0	0
Cardiac Problem; Other Medical Problem;	0	0	0

Cardiac Problem; Other Respiratory Problem;	0	0	0
Cardiac Problem; Pyrexia Unknown Origin;	0	0	0
Cardiac Problem; Soft Tissue Injury;	1	1	1
Cardiac Problem; Unknown Problem;	0	0	0
CBRNE Incident;	0	0	0
Chemical Exposure;	0	0	0
Chemical Exposure; Soft Tissue Injury;	1	1	1
Chest Infection;	0	0	0
Chest Infection; Chest Infection;	0	0	0
Chest Infection; Chest Infection; Other Infection; Other Infection;	0	0	0
Chest Infection; Chest Infection; Other Respiratory Problem; Other Respiratory Problem;	0	0	0
Chest Infection; Chest Pain Non-Cardiac;	1	1	1
Chest Infection; Chest Pain Non-Cardiac; Unknown Problem;	1	1	1
Chest Infection; Choking;	0	0	0
Chest Infection; Collapse ? Cause;	0	0	0
Chest Infection; Collapse ? Cause; Other Respiratory Problem;	0	0	0

Chest Infection; Collapse Unknown Cause;	0	0	0
Chest Infection; Constipation;	0	0	0
Chest Infection; Constipation; Other Infection;	0	0	0
Chest Infection; Convulsion;	0	0	0
Chest Infection; Convulsion; Febrile Convulsion;	0	0	0
Chest Infection; Convulsion; Other Medical Problem;	0	0	0
Chest Infection; Convulsion; Sepsis;	0	0	0
Chest Infection; COPD;	0	0	0
Chest Infection; COPD; Other Respiratory Problem;	0	0	0
Chest Infection; D & V;	0	0	0
Chest Infection; D & V; Other Infection;	0	0	0
Chest Infection; Epistaxis;	0	0	0
Chest Infection; Eye Problem;	0	0	0
Chest Infection; Faint / Dizziness;	0	0	0
Chest Infection; Faint / Dizziness; Other Infection;	0	0	0
Chest Infection; Faint / Dizziness; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Fall Non - Injury;	0	0	0
Chest Infection; Febrile Convulsion;	0	0	0

Chest Infection; Febrile Convulsion; Other Respiratory Problem;	0	0	0
Chest Infection; GI Bleed; Other Medical Problem;	0	0	0
Chest Infection; Head Injury;	1	1	1
Chest Infection; Headache;	1	1	1
Chest Infection; Headache; Meningitis; Pyrexia Unknown Origin;	1	1	1
Chest Infection; Hyperglycaemia; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Hypoglycaemia;	0	0	0
Chest Infection; Influenza;	0	0	0
Chest Infection; Influenza; Sepsis;	0	0	0
Chest Infection; Meningitis;	0	0	0
Chest Infection; Meningitis; Other Infection;	0	0	0
Chest Infection; Other Abdominal Problem;	0	0	0
Chest Infection; Other Cardiac Problem;	0	0	0
Chest Infection; Other Diabetic Problem;	0	0	0
Chest Infection; Other ENT Problem;	0	0	0
Chest Infection; Other ENT Problem; Other Medical Problem;	0	0	0

Chest Infection; Other ENT Problem; Other Respiratory Problem;	0	0	0
Chest Infection; Other ENT Problem; Unknown Problem;	0	0	0
Chest Infection; Other Infection;	0	0	0
Chest Infection; Other Infection; Other Medical Problem; Other Respiratory Problem;	0	0	0
Chest Infection; Other Infection; Other Respiratory Problem;	0	0	0
Chest Infection; Other Infection; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Other Infection; Unknown Problem;	0	0	0
Chest Infection; Other Infection; Urinary Tract Infection;	0	0	0
Chest Infection; Other Medical Problem;	0	0	0
Chest Infection; Other Medical Problem; Other Respiratory Problem;	0	0	0
Chest Infection; Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Other Neurological Problem;	0	0	0
Chest Infection; Other Respiratory Problem;	0	0	0
Chest Infection; Other Respiratory Problem; Other Respiratory Problem;	0	0	0

Chest Infection; Other Respiratory Problem; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Other Respiratory Problem; Pyrexia Unknown Origin; Sepsis;	0	0	0
Chest Infection; Other Respiratory Problem; Sepsis;	0	0	0
Chest Infection; Other Respiratory Problem; Unknown Problem;	0	0	0
Chest Infection; Panic / Anxiety Attack; Unknown Problem;	0	0	0
Chest Infection; Pyrexia Unknown Origin;	0	0	0
Chest Infection; Pyrexia Unknown Origin; Sepsis;	0	0	0
Chest Infection; Pyrexia Unknown Origin; Urinary Problem;	0	0	0
Chest Infection; Pyrexia Unknown Origin; Urinary Tract Infection;	0	0	0
Chest Infection; Query Intoxicated;	0	0	0
Chest Infection; Sepsis;	0	0	0
Chest Infection; Soft Tissue Injury;	1	1	1
Chest Infection; Unknown Problem;	0	0	0
Chest Infection; Urinary Problem;	0	0	0
Chest Infection; Urinary Tract Infection;	0	0	0
Chest Injury;	1	1	1

Chest Injury; Cold Exposure;	1	1	1
Chest Injury; Head Injury;	1	1	1
Chest Injury; Head Injury; Limb Injury;	1	1	1
Chest Injury; Limb Injury;	1	1	1
Chest Injury; Neck Injury;	1	1	1
Chest Injury; Other Respiratory Problem;	1	1	1
Chest Injury; Soft Tissue Injury;	1	1	1
Chest Injury; Stab Wound;	1	1	1
Chest Pain Non-Cardiac;	1	1	1
Chest Pain Non-Cardiac; Collapse ? Cause;	1	1	1
Chest Pain Non-Cardiac; Constipation;	1	1	1
Chest Pain Non-Cardiac; Convulsion; Headache; Meningitis; Other Neurological Problem;	1	1	1
Chest Pain Non-Cardiac; D & V;	1	1	1
Chest Pain Non-Cardiac; Depression; Other Mental Health Problem;	1	1	1
Chest Pain Non-Cardiac; Electrocutation;	1	1	1
Chest Pain Non-Cardiac; Endocrine Emergency;	1	1	1
Chest Pain Non-Cardiac; Faint / Dizziness;	1	1	1

Chest Pain Non-Cardiac; Headache;	1	1	1
Chest Pain Non-Cardiac; Intentional Drug Overdose;	1	1	1
Chest Pain Non-Cardiac; Meningitis; Other Infection;	1	1	1
Chest Pain Non-Cardiac; Other Abdominal Problem;	1	1	1
Chest Pain Non-Cardiac; Other ENT Problem;	1	1	1
Chest Pain Non-Cardiac; Other Infection;	1	1	1
Chest Pain Non-Cardiac; Other Medical Problem;	1	1	1
Chest Pain Non-Cardiac; Other Medical Problem; Thermal Injury;	1	1	1
Chest Pain Non-Cardiac; Other Respiratory Problem;	1	1	1
Chest Pain Non-Cardiac; Panic / Anxiety Attack;	1	1	1
Chest Pain Non-Cardiac; Pyrexia Unknown Origin;	1	1	1
Chest Pain Non-Cardiac; Urinary Problem;	1	1	1
Choking;	0	0	0
Choking; Choking;	0	0	0
Choking; Convulsion;	0	0	0
Choking; D & V;	0	0	0
Choking; Hypoglycaemia;	0	0	0
Choking; Infectious Disease; Other Respiratory Problem;	0	0	0

Choking; No Apparent Problem;	0	0	0
Choking; Other Infection;	0	0	0
Choking; Other Infection; Other Respiratory Problem;	0	0	0
Choking; Other Medical Problem;	0	0	0
Choking; Other Medical Problem; Other Respiratory Problem;	0	0	0
Choking; Other Respiratory Problem;	0	0	0
Choking; Other Respiratory Problem; Transport Only;	0	0	0
Choking; Panic / Anxiety Attack;	0	0	0
Choking; Pyrexia Unknown Origin;	0	0	0
Choking; Unknown Problem;	0	0	0
Chronic Gynae Problem;	0	0	0
Chronic Gynae Problem; PV Bleed;	0	0	0
Chronic Neurological Problem;	0	0	0
Chronic Neurological Problem; Convulsion;	0	0	0
Chronic Neurological Problem; Convulsion; Other Medical Problem;	0	0	0
Chronic Neurological Problem; Headache;	0	1	1
Chronic Neurological Problem; Other Infection;	0	0	0

Chronic Neurological Problem; Other Medical Problem;	0	0	0
Chronic Neurological Problem; Other Mental Health Problem;	0	0	0
Chronic Neurological Problem; Other Neurological Problem;	0	0	0
Chronic Neurological Problem; Other Respiratory Problem;	0	0	0
Chronic Neurological Problem; Pyrexia Unknown Origin;	0	0	0
Chronic Neurological Problem; Unknown Problem;	0	0	0
Cold Exposure; Isolated Chest Injury; Near Drowning;	1	1	1
Collapse ? Cause;	0	0	0
Collapse ? Cause; Collapse Unknown Cause;	0	0	0
Collapse ? Cause; Collapse Unknown Cause; Effects of Alcohol; Fall Non - Injury; Intentional Drug Overdose; Other Diabetic Problem; Other Medical Problem; Query Intoxicated; Social Problem; Unknown Problem;	0	0	0
Collapse ? Cause; Collapse Unknown Cause; Faint / Dizziness;	0	0	0
Collapse ? Cause; Collapse Unknown Cause; Faint / Dizziness; Neck Injury;	1	1	1
Collapse ? Cause; Collapse Unknown Cause; Faint / Dizziness; Other Neurological Problem;	0	0	0
Collapse ? Cause; Collapse Unknown Cause; Faint;	0	0	0

Collapse ? Cause; Collapse Unknown Cause; Headache;	1	1	1
Collapse ? Cause; Collapse Unknown Cause; Headache; Other Respiratory Problem;	1	1	1
Collapse ? Cause; Confusion;	0	0	0
Collapse ? Cause; Confusion; Head Injury; Other Neurological Problem;	1	1	1
Collapse ? Cause; Convulsion;	0	0	0
Collapse ? Cause; Convulsion; Head Injury;	1	1	1
Collapse ? Cause; D & V;	0	0	0
Collapse ? Cause; D & V; Faint / Dizziness;	0	0	0
Collapse ? Cause; Effects of Alcohol;	0	0	0
Collapse ? Cause; Effects of Alcohol; Head Injury; Query Intoxicated; Soft Tissue Injury;	1	1	1
Collapse ? Cause; Endocrine Emergency;	0	0	0
Collapse ? Cause; Epistaxis;	0	0	0
Collapse ? Cause; Epistaxis; Head Injury;	1	1	1
Collapse ? Cause; Faint / Dizziness;	0	0	0
Collapse ? Cause; Faint / Dizziness; Other Medical Problem;	0	0	0
Collapse ? Cause; Faint;	0	0	0

Collapse ? Cause; Faint; Faint / Dizziness; Fall Non - Injury; Other Medical Problem;	0	0	0
Collapse ? Cause; Faint; Faint / Dizziness; Headache;	1	1	1
Collapse ? Cause; Febrile Convulsion;	0	0	0
Collapse ? Cause; Head Injury;	1	1	1
Collapse ? Cause; Head Injury; Influenza;	1	1	1
Collapse ? Cause; Headache;	1	1	1
Collapse ? Cause; Intentional Drug Overdose;	0	0	0
Collapse ? Cause; Isolated Head Injury;	1	1	1
Collapse ? Cause; Limb Injury;	1	1	1
Collapse ? Cause; Neck Injury;	1	1	1
Collapse ? Cause; Other ENT Problem;	0	0	0
Collapse ? Cause; Other Infection;	0	0	0
Collapse ? Cause; Other Medical Problem;	0	0	0
Collapse ? Cause; Other Medical Problem; Unknown Problem;	0	0	0
Collapse ? Cause; Other Mental Health Problem;	0	0	0
Collapse ? Cause; Other Neurological Problem;	0	0	0
Collapse ? Cause; Other Respiratory Problem;	0	0	0

Collapse ? Cause; Other Respiratory Problem; Unknown Problem;	0	0	0
Collapse ? Cause; PV Bleed;	0	0	0
Collapse ? Cause; Query Intoxicated;	0	0	0
Collapse ? Cause; Query Intoxicated; Unknown Problem;	0	0	0
Collapse ? Cause; Social Problem;	0	0	0
Collapse ? Cause; Unintentional Overdose;	0	0	0
Collapse ? Cause; Unknown Problem;	0	0	0
Collapse Unknown Cause;	0	0	0
Collapse Unknown Cause; Collapse Unknown Cause;	0	0	0
Collapse Unknown Cause; Convulsion;	0	0	0
Collapse Unknown Cause; Convulsion; Faint / Dizziness; Head Injury;	1	1	1
Collapse Unknown Cause; Convulsion; Faint;	0	0	0
Collapse Unknown Cause; Convulsion; Faint; Other Neurological Problem;	0	0	0
Collapse Unknown Cause; Convulsion; Head Injury;	1	1	1
Collapse Unknown Cause; Convulsion; Headache;	1	1	1
Collapse Unknown Cause; Convulsion; Other Neurological Problem;	0	0	0

Collapse Unknown Cause; D & V;	0	0	0
Collapse Unknown Cause; Depression;	0	0	0
Collapse Unknown Cause; Effects of Alcohol;	0	0	0
Collapse Unknown Cause; Epistaxis;	0	0	0
Collapse Unknown Cause; Faint / Dizziness;	0	0	0
Collapse Unknown Cause; Faint / Dizziness; Headache;	1	1	1
Collapse Unknown Cause; Faint / Dizziness; Other Respiratory Problem;	0	0	0
Collapse Unknown Cause; Faint / Dizziness; Unknown Problem;	0	0	0
Collapse Unknown Cause; Faint;	0	0	0
Collapse Unknown Cause; Faint; Head Injury;	1	1	1
Collapse Unknown Cause; Faint; Head Injury; Other Neurological Problem; TIA;	1	1	1
Collapse Unknown Cause; Febrile Convulsion; Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Collapse Unknown Cause; Head Injury;	1	1	1
Collapse Unknown Cause; Head Injury; Other Respiratory Problem;	1	1	1
Collapse Unknown Cause; Headache;	1	1	1

Collapse Unknown Cause; Hypoglycaemia;	0	0	0
Collapse Unknown Cause; Intentional Drug Overdose;	0	0	0
Collapse Unknown Cause; Isolated Head Injury;	1	1	1
Collapse Unknown Cause; Isolated Limb Injury;	1	1	1
Collapse Unknown Cause; Limb Injury;	1	1	1
Collapse Unknown Cause; Other Cardiac Problem;	0	0	0
Collapse Unknown Cause; Other Infection;	0	0	0
Collapse Unknown Cause; Other Medical Problem;	0	0	0
Collapse Unknown Cause; Other Medical Problem; Other Neurological Problem;	0	0	0
Collapse Unknown Cause; Other Neurological Problem;	0	0	0
Collapse Unknown Cause; Pyrexia Unknown Origin;	0	0	0
Collapse Unknown Cause; Query Intoxicated;	0	0	0
Collapse Unknown Cause; Social Problem;	0	0	0
Collapse Unknown Cause; Unknown Problem;	0	0	0
Collapse Unknown Cause; Urinary Tract Infection;	0	0	0
Confusion;	0	0	0
Confusion; Convulsion;	0	0	0
Confusion; Convulsion; Headache;	1	1	1

Confusion; Convulsion; Other Diabetic Problem;	0	0	0
Confusion; Faint / Dizziness;	0	0	0
Confusion; Faint;	0	0	0
Confusion; Head Injury;	1	1	1
Confusion; Head Injury; Neck Injury;	1	1	1
Confusion; Head Injury; Pyrexia Unknown Origin; Urinary Tract Infection;	1	0	1
Confusion; Headache;	1	1	1
Confusion; Headache; Neck Injury;	1	1	1
Confusion; Intentional Drug Overdose;	0	0	0
Confusion; Isolated Head Injury; Soft Tissue Injury;	1	1	1
Confusion; Other Infection;	0	0	0
Confusion; Other Medical Problem;	0	0	0
Confusion; Other Medical Problem; Other Neurological Problem;	0	0	0
Confusion; Pyrexia Unknown Origin;	0	0	0
Confusion; Stroke;	0	0	0
Confusion; Unknown Problem;	0	0	0
Constipation;	0	1	1

Constipation; D & V;	0	1	1
Constipation; Hyperthermia; Other Infection;	0	1	1
Constipation; No Apparent Problem;	0	1	1
Constipation; Other Abdominal Problem;	0	1	1
Constipation; Other Abdominal Problem; Pyrexia Unknown Origin;	0	1	1
Constipation; Other Infection;	0	1	1
Constipation; Other Medical Problem;	0	1	1
Constipation; Urinary Tract Infection;	0	1	1
Convulsion;	0	0	0
Convulsion; Convulsion;	0	0	0
Convulsion; D & V;	0	0	0
Convulsion; D & V; Hypoglycaemia;	0	0	0
Convulsion; Effects of Alcohol;	0	0	0
Convulsion; Epistaxis;	0	0	0
Convulsion; Faint / Dizziness;	0	0	0
Convulsion; Faint / Dizziness; Faint / Dizziness;	0	0	0
Convulsion; Faint / Dizziness; Other Infection;	0	0	0

Convulsion; Faint / Dizziness; Other Medical Problem; Other Neurological Problem;	0	0	0
Convulsion; Faint;	0	0	0
Convulsion; Faint; Isolated Head Injury;	1	1	1
Convulsion; Faint; Unknown Problem;	0	0	0
Convulsion; Fall Non - Injury;	0	0	0
Convulsion; Febrile Convulsion;	0	0	0
Convulsion; Febrile Convulsion; Headache;	1	1	1
Convulsion; Febrile Convulsion; Hypoglycaemia;	0	0	0
Convulsion; Febrile Convulsion; Other Infection;	0	0	0
Convulsion; Febrile Convulsion; Other Medical Problem;	0	0	0
Convulsion; Febrile Convulsion; Pyrexia Unknown Origin;	0	0	0
Convulsion; Head Injury;	1	1	1
Convulsion; Head Injury; Soft Tissue Injury;	1	1	1
Convulsion; Headache;	1	1	1
Convulsion; Headache; Soft Tissue Injury;	1	1	1
Convulsion; Hyperglycaemia;	0	0	0
Convulsion; Hypoglycaemia;	0	0	0
Convulsion; Influenza;	0	0	0

Convulsion; Intentional Drug Overdose;	0	0	0
Convulsion; Isolated Limb Injury;	1	1	1
Convulsion; Limb Injury;	1	1	1
Convulsion; Major Trauma Negative;	0	0	0
Convulsion; Meningitis;	0	0	0
Convulsion; Neck Injury;	1	1	1
Convulsion; Other Cardiac Problem;	0	0	0
Convulsion; Other Diabetic Problem;	0	0	0
Convulsion; Other ENT Problem;	0	0	0
Convulsion; Other Infection;	0	0	0
Convulsion; Other Infection; Pyrexia Unknown Origin;	0	0	0
Convulsion; Other Infection; Sepsis;	0	0	0
Convulsion; Other Infection; Unknown Problem;	0	0	0
Convulsion; Other Infection; Urinary Tract Infection;	0	0	0
Convulsion; Other Medical Problem;	0	0	0
Convulsion; Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Convulsion; Other Mental Health Problem;	0	0	0

Convulsion; Other Mental Health Problem; Unknown Problem;	0	0	0
Convulsion; Other Neurological Problem;	0	0	0
Convulsion; Other Respiratory Problem;	0	0	0
Convulsion; Other Respiratory Problem; Unknown Problem;	0	0	0
Convulsion; Other Respiratory Problem; Urinary Tract Infection;	0	0	0
Convulsion; Panic / Anxiety Attack;	0	0	0
Convulsion; Psychosis;	0	0	0
Convulsion; Pyrexia Unknown Origin;	0	0	0
Convulsion; Query Intoxicated;	0	0	0
Convulsion; Sepsis;	0	0	0
Convulsion; Social Problem;	0	0	0
Convulsion; Social Problem; Unknown Problem;	0	0	0
Convulsion; Soft Tissue Injury;	1	1	1
Convulsion; Stroke;	0	0	0
Convulsion; Unknown Problem;	0	0	0
Convulsion; Urinary Tract Infection;	0	0	0
COPD;	0	0	0

COPD; Other Respiratory Problem;	0	0	0
D & V;	0	0	0
D & V; Dental Problem;	1	0	1
D & V; Dental Problem; Other Infection;	1	0	1
D & V; Endocrine Emergency;	0	0	0
D & V; Faint / Dizziness;	0	0	0
D & V; Faint / Dizziness; Faint / Dizziness;	0	0	0
D & V; Faint / Dizziness; Other Mental Health Problem;	0	0	0
D & V; Faint;	0	0	0
D & V; GI Bleed;	0	0	0
D & V; Head Injury;	1	1	1
D & V; Head Injury; Hypoglycaemia;	1	1	1
D & V; Headache;	1	1	1
D & V; Hyperglycaemia;	0	0	0
D & V; Hypoglycaemia;	0	0	0
D & V; Hypoglycaemia; Pyrexia Unknown Origin;	0	0	0
D & V; Hypoglycaemia; Stroke;	0	0	0
D & V; Influenza;	0	0	0

D & V; Intentional Drug Overdose;	0	0	0
D & V; No Apparent Problem; Unknown Problem;	0	0	0
D & V; Other Abdominal Problem;	0	0	0
D & V; Other Diabetic Problem;	0	0	0
D & V; Other ENT Problem; Other Respiratory Problem;	0	0	0
D & V; Other Infection;	0	0	0
D & V; Other Medical Problem;	0	0	0
D & V; Other Respiratory Problem;	0	0	0
D & V; Pyrexia Unknown Origin;	0	0	0
D & V; Pyrexia Unknown Origin; Sepsis;	0	0	0
D & V; Unknown Problem;	0	0	0
D & V; Urinary Problem;	0	0	0
D & V; Urinary Tract Infection;	0	0	0
Delivery Complication; New Born Infant;	1	0	1
Dementia; Other Mental Health Problem; Social Problem;	0	0	0
Dental Problem;	1	1	1
Dental Problem; Other ENT Problem;	1	1	1
Dental Problem; Other Infection; Other Medical Problem;	1	1	1

Depression;	0	0	0
Depression; Effects of Alcohol;	0	0	0
Depression; Effects of Alcohol; No Apparent Problem;	0	0	0
Depression; Head Injury;	1	1	1
Depression; Intentional Drug Overdose;	0	0	0
Depression; Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Depression; Limb Injury;	1	1	1
Depression; Other Abdominal Problem;	0	0	0
Depression; Other Mental Health Problem;	0	0	0
Depression; Other Mental Health Problem; Soft Tissue Injury;	0	1	1
Depression; Psychosis;	0	0	0
Depression; Query Intoxicated;	0	0	0
Depression; Soft Tissue Injury;	1	1	1
Depression; Under MHA Section;	0	0	0
Depression; Unknown Problem;	0	0	0
Diving Incident;	1	0	1
Diving Incident; Head Injury;	1	1	1

Diving Incident; Isolated Neck Injury;	1	1	1
Diving Incident; Limb Injury;	1	1	1
Diving Incident; Limb Injury; Soft Tissue Injury;	1	1	1
Diving Incident; Multi-System Trauma;	1	1	1
Diving Incident; Other ENT Problem;	1	0	1
Diving Incident; Soft Tissue Injury;	1	1	1
DNACPR; Other Respiratory Problem;	0	0	0
Drowning;	0	0	0
Drowning; Other Medical Problem; Other Respiratory Problem;	0	0	0
Drowning; Other Respiratory Problem;	0	0	0
DVT;	1	1	1
DVT; Other Cardiac Problem;	1	1	1
DVT; Suspected PE;	1	1	1
ECG Confirmed ST Segment Elevated MI;	1	1	1
ECG Confirmed ST Segment Elevated MI; Other Respiratory Problem;	1	1	1
Ectopic Pregnancy;	1	1	1

Ectopic Pregnancy; Other Medical Problem; Urinary Tract Infection;	1	1	1
Effects of Alcohol;	0	0	0
Effects of Alcohol; Fall Non - Injury;	0	0	0
Effects of Alcohol; Fall Non - Injury; No Apparent Problem;	0	0	0
Effects of Alcohol; Head Injury;	1	1	1
Effects of Alcohol; Head Injury; Query Intoxicated;	1	1	1
Effects of Alcohol; Head Injury; Unintentional Overdose;	1	1	1
Effects of Alcohol; Intentional Drug Overdose;	0	0	0
Effects of Alcohol; Intentional Drug Overdose; Other Medical Problem; Unintentional Overdose;	0	0	0
Effects of Alcohol; Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Effects of Alcohol; Isolated Head Injury;	1	1	1
Effects of Alcohol; Isolated Head Injury; Query Intoxicated;	1	1	1
Effects of Alcohol; Limb Injury;	1	1	1
Effects of Alcohol; No Apparent Problem;	0	0	0
Effects of Alcohol; No Apparent Problem; Social Problem;	0	0	0
Effects of Alcohol; Other Medical Problem;	0	0	0

Effects of Alcohol; Other Mental Health Problem;	0	0	0
Effects of Alcohol; Panic / Anxiety Attack;	0	0	0
Effects of Alcohol; Query Intoxicated;	0	0	0
Effects of Alcohol; Query Intoxicated; Social Problem;	0	0	0
Effects of Alcohol; Social Problem;	0	0	0
Effects of Alcohol; Stroke;	0	0	0
Effects of Alcohol; Unknown Problem;	0	0	0
Electrocution;	1	1	1
Endocrine Emergency;	0	0	0
Endocrine Emergency; Hypoglycaemia;	0	0	0
Endocrine Emergency; Other Abdominal Problem; Sepsis;	0	0	0
Endocrine Emergency; Other Diabetic Problem;	0	0	0
Endocrine Emergency; Other Mental Health Problem;	0	0	0
Epistaxis;	0	0	0
Epistaxis; Eye Problem;	0	0	0
Epistaxis; Faint / Dizziness;	0	0	0
Epistaxis; Head Injury;	1	1	1
Epistaxis; Headache; Unknown Problem;	1	1	1

Epistaxis; Other Abdominal Problem;	0	0	0
Epistaxis; Other ENT Problem;	0	0	0
Epistaxis; Other Infection;	0	0	0
Epistaxis; Other Infection; Urinary Tract Infection;	0	0	0
Epistaxis; Other Medical Problem;	0	0	0
Epistaxis; Other Respiratory Problem;	0	0	0
Epistaxis; Pyrexia Unknown Origin;	0	0	0
Epistaxis; Soft Tissue Injury;	1	1	1
Epistaxis; Transport Only;	0	0	0
Explosive / Blast Injury;	1	1	1
Eye Problem;	0	0	0
Eye Problem; Other Infection;	0	1	1
Eye Problem; Other Medical Problem;	0	0	0
Eye Problem; Other Respiratory Problem;	0	0	0
Eye Problem; Other Respiratory Problem; Unknown Problem;	0	0	0
Eye Problem; Sepsis;	0	1	1
Faint / Dizziness;	0	0	0
Faint / Dizziness; Faint / Dizziness;	0	0	0

Faint / Dizziness; Faint / Dizziness; Headache; No Apparent Problem;	1	1	1
Faint / Dizziness; Faint / Dizziness; Neck Injury;	1	1	1
Faint / Dizziness; Faint / Dizziness; Other ENT Problem;	0	0	0
Faint / Dizziness; Head Injury;	1	1	1
Faint / Dizziness; Head Injury; Soft Tissue Injury;	1	1	1
Faint / Dizziness; Headache;	1	1	1
Faint / Dizziness; Headache; Unknown Problem;	1	1	1
Faint / Dizziness; Intentional Drug Overdose;	0	0	0
Faint / Dizziness; Isolated Back Injury;	1	1	1
Faint / Dizziness; Isolated Head Injury;	1	1	1
Faint / Dizziness; Isolated Limb Injury;	1	1	1
Faint / Dizziness; Isolated Neck Injury;	1	1	1
Faint / Dizziness; Limb Injury;	1	1	1
Faint / Dizziness; Other Abdominal Problem;	0	0	0
Faint / Dizziness; Other Abdominal Problem; Other ENT Problem;	0	0	0
Faint / Dizziness; Other ENT Problem;	0	0	0
Faint / Dizziness; Other Infection;	0	0	0

Faint / Dizziness; Other Medical Problem;	0	0	0
Faint / Dizziness; Other Medical Problem; Panic / Anxiety Attack;	0	0	0
Faint / Dizziness; Other Mental Health Problem;	0	0	0
Faint / Dizziness; Other Neurological Problem;	0	0	0
Faint / Dizziness; Other Respiratory Problem;	0	0	0
Faint / Dizziness; Panic / Anxiety Attack;	0	0	0
Faint / Dizziness; Penetrating Trauma;	1	1	1
Faint / Dizziness; Pyrexia Unknown Origin;	0	0	0
Faint / Dizziness; Sepsis;	0	0	0
Faint / Dizziness; Soft Tissue Injury;	1	1	1
Faint / Dizziness; Unknown Problem;	0	0	0
Faint / Dizziness; Urinary Problem;	0	0	0
Faint / Dizziness; Urinary Tract Infection;	0	0	0
Faint;	0	0	0
Faint; Faint / Dizziness;	0	0	0
Faint; Faint / Dizziness; Limb Injury;	1	1	1
Faint; Faint / Dizziness; Other Medical Problem;	0	0	0
Faint; Faint;	0	0	0

Faint; Head Injury;	1	1	1
Faint; Headache;	1	1	1
Faint; Influenza;	0	0	0
Faint; Intentional Drug Overdose; Social Problem;	0	0	0
Faint; Isolated Head Injury;	1	1	1
Faint; Other Medical Problem;	0	0	0
Faint; Other Mental Health Problem;	0	0	0
Faint; Soft Tissue Injury;	1	1	1
Faint; Urinary Tract Infection;	0	0	0
Fall Non - Injury;	0	0	0
Fall Non - Injury; Head Injury;	1	1	1
Fall Non - Injury; Head Injury; No Apparent Problem; Soft Tissue Injury;	1	1	1
Fall Non - Injury; No Apparent Problem;	0	0	0
Fall Non - Injury; Other Medical Problem;	0	0	0
Fall Non - Injury; Social Problem;	0	0	0
Fall Non - Injury; Soft Tissue Injury;	1	1	1
Fall Non - Injury; Unknown Problem;	0	0	0
Febrile Convulsion;	0	0	0

Febrile Convulsion; Febrile Convulsion;	0	0	0
Febrile Convulsion; Febrile Convulsion; Febrile Convulsion;	0	0	0
Febrile Convulsion; Hyperthermia;	0	0	0
Febrile Convulsion; Hyperthermia; Other Infection;	0	0	0
Febrile Convulsion; Other ENT Problem;	0	0	0
Febrile Convulsion; Other Infection;	0	0	0
Febrile Convulsion; Other Infection; Pyrexia Unknown Origin;	0	0	0
Febrile Convulsion; Other Medical Problem;	0	0	0
Febrile Convulsion; Other Neurological Problem;	0	0	0
Febrile Convulsion; Other Respiratory Problem;	0	0	0
Febrile Convulsion; Pyrexia Unknown Origin;	0	0	0
Febrile Convulsion; Pyrexia Unknown Origin; Unknown Problem;	0	0	0
Febrile Convulsion; Sepsis;	0	0	0
Febrile Convulsion; TIA;	0	0	0
Febrile Convulsion; Unknown Problem;	0	0	0
Febrile Convulsion; Urinary Problem;	0	0	0
Febrile Convulsion; Urinary Tract Infection;	0	0	0

GI Bleed;	0	0	0
GI Bleed; Other Abdominal Problem;	0	0	0
GI Bleed; Other ENT Problem;	0	0	0
GI Bleed; Other Infection; Pyrexia Unknown Origin;	0	0	0
GI Bleed; Pyrexia Unknown Origin;	0	0	0
GI Bleed; Urinary Tract Infection;	0	0	0
Gunshot;	1	1	1
Head Injury;	1	1	1
Head Injury; Headache;	1	1	1
Head Injury; Hypoglycaemia;	1	1	1
Head Injury; Intentional Drug Overdose;	1	1	1
Head Injury; Limb Injury;	1	1	1
Head Injury; Limb Injury; Neck Injury;	1	1	1
Head Injury; Limb Injury; Soft Tissue Injury;	1	1	1
Head Injury; Multi-System Trauma;	1	1	1
Head Injury; Multi-System Trauma; Neck Injury; Penetrating Trauma;	1	1	1
Head Injury; Neck Injury;	1	1	1

Head Injury; Neck Injury; Soft Tissue Injury; Suspected Neck of Femur;	1	1	1
Head Injury; No Apparent Problem;	1	1	1
Head Injury; Other ENT Problem;	1	1	1
Head Injury; Other Infection;	1	1	1
Head Injury; Other Medical Problem;	1	1	1
Head Injury; Other Mental Health Problem;	1	1	1
Head Injury; Other Neurological Problem;	1	1	1
Head Injury; Other Respiratory Problem;	1	1	1
Head Injury; Pyrexia Unknown Origin;	1	1	1
Head Injury; Query Intoxicated;	1	1	1
Head Injury; Soft Tissue Injury;	1	1	1
Head Injury; Unknown Problem;	1	1	1
Head Injury; Urinary Problem;	1	1	1
Headache;	1	1	1
Headache; Headache;	1	1	1
Headache; Hyperglycaemia;	1	1	1
Headache; Influenza; Pyrexia Unknown Origin;	1	1	1
Headache; Intentional Drug Overdose;	1	1	1

Headache; Meningitis;	1	1	1
Headache; Meningitis; Other Medical Problem;	1	1	1
Headache; Meningitis; Other Neurological Problem; TIA;	1	1	1
Headache; Meningitis; Pyrexia Unknown Origin;	1	1	1
Headache; Meningitis; Pyrexia Unknown Origin; Urinary Tract Infection;	1	1	1
Headache; Neck Injury;	1	1	1
Headache; Other Abdominal Problem; Other Infection;	1	1	1
Headache; Other ENT Problem;	1	1	1
Headache; Other Infection;	1	1	1
Headache; Other Infection; Pyrexia Unknown Origin;	1	1	1
Headache; Other Infection; Unknown Problem;	1	1	1
Headache; Other Medical Problem;	1	1	1
Headache; Other Neurological Problem;	1	1	1
Headache; Other Neurological Problem; Stroke; TIA;	1	1	1
Headache; Other Neurological Problem; TIA;	1	1	1
Headache; Other Respiratory Problem;	1	1	1
Headache; Panic / Anxiety Attack;	1	1	1
Headache; Pyrexia Unknown Origin;	1	1	1

Headache; Sepsis;	1	1	1
Headache; Soft Tissue Injury;	1	1	1
Headache; Stroke;	1	1	1
Headache; TIA;	1	1	1
Headache; Unknown Problem;	1	1	1
Headache; Urinary Problem;	1	1	1
Heart Failure;	0	0	0
Hyperglycaemia;	0	0	0
Hyperglycaemia; Hypoglycaemia;	0	0	0
Hyperglycaemia; Other Diabetic Problem;	0	0	0
Hyperglycaemia; Other Medical Problem;	0	0	0
Hyperglycaemia; Sepsis;	0	0	0
Hyperglycaemia; Social Problem;	0	0	0
Hyperthermia;	0	0	0
Hyperthermia; Influenza;	0	0	0
Hyperthermia; Other Infection;	0	0	0
Hyperthermia; Other Infection; Pyrexia Unknown Origin;	0	0	0
Hyperthermia; Other Respiratory Problem;	0	0	0

Hyperthermia; Pyrexia Unknown Origin;	0	0	0
Hypoglycaemia;	0	0	0
Hypoglycaemia; Other Diabetic Problem;	0	0	0
Hypoglycaemia; Other Infection;	0	0	0
Hypoglycaemia; Other Medical Problem;	0	0	0
Hypoglycaemia; Other Medical Problem; Other Respiratory Problem;	0	0	0
Hypoglycaemia; Other Mental Health Problem;	0	0	0
Hypoglycaemia; Other Respiratory Problem;	0	0	0
Hypoglycaemia; Pyrexia Unknown Origin;	0	0	0
Hypoglycaemia; Query Intoxicated;	0	0	0
Hypoglycaemia; Social Problem;	0	0	0
In Labour;	1	1	1
Infectious Disease;	0	0	0
Infectious Disease; Other Infection;	0	0	0
Infectious Disease; Other Medical Problem;	0	0	0
Influenza;	0	0	0
Influenza; Meningitis; Pyrexia Unknown Origin;	0	0	0
Influenza; Other Infection;	0	0	0

Influenza; Other Respiratory Problem;	0	0	0
Influenza; Pyrexia Unknown Origin;	0	0	0
Influenza; Sepsis;	0	0	0
Intentional Drug Overdose;	0	0	0
Intentional Drug Overdose; Isolated Head Injury;	1	1	1
Intentional Drug Overdose; Multi-System Trauma;	1	1	1
Intentional Drug Overdose; Neck Injury;	1	1	1
Intentional Drug Overdose; Other Cardiac Problem;	0	0	0
Intentional Drug Overdose; Other Diabetic Problem;	0	0	0
Intentional Drug Overdose; Other Medical Problem;	0	0	0
Intentional Drug Overdose; Other Mental Health Problem;	0	0	0
Intentional Drug Overdose; Psychosis;	0	0	0
Intentional Drug Overdose; Query Intoxicated;	0	0	0
Intentional Drug Overdose; Query Intoxicated; Unintentional Overdose;	0	0	0
Intentional Drug Overdose; Social Problem;	0	0	0
Intentional Drug Overdose; Soft Tissue Injury;	1	1	1
Intentional Drug Overdose; Unintentional Overdose;	0	0	0
Intentional Drug Overdose; Unknown Problem;	0	0	0

Interfacility Transport;	0	0	0
Interfacility Transport; Isolated Limb Injury;	1	1	1
Ischaemic Limb; Other Abdominal Problem;	0	1	1
Isolated Abdominal Injury;	1	1	1
Isolated Abdominal Injury; Isolated Back Injury;	1	1	1
Isolated Abdominal Injury; Isolated Back Injury; Multi-System Trauma;	1	1	1
Isolated Abdominal Injury; Isolated Head Injury;	1	1	1
Isolated Back Injury;	1	1	1
Isolated Back Injury; Isolated Chest Injury;	1	1	1
Isolated Back Injury; Isolated Head Injury;	1	1	1
Isolated Back Injury; Isolated Head Injury; Isolated Limb Injury;	1	1	1
Isolated Back Injury; Isolated Limb Injury; Soft Tissue Injury;	1	1	1
Isolated Back Injury; Isolated Neck Injury;	1	1	1
Isolated Back Injury; Soft Tissue Injury;	1	1	1
Isolated Chest Injury;	1	1	1
Isolated Head Injury;	1	1	1
Isolated Head Injury; Isolated Head Injury;	1	1	1

Isolated Head Injury; Isolated Limb Injury;	1	1	1
Isolated Head Injury; Isolated Neck Injury;	1	1	1
Isolated Head Injury; Other ENT Problem;	1	1	1
Isolated Head Injury; Other Infection;	1	1	1
Isolated Head Injury; Query Intoxicated;	1	1	1
Isolated Head Injury; Soft Tissue Injury;	1	1	1
Isolated Limb Injury;	1	1	1
Isolated Limb Injury; Isolated Limb Injury;	1	1	1
Isolated Limb Injury; Isolated Neck Injury;	1	1	1
Isolated Limb Injury; Multi-System Trauma;	1	1	1
Isolated Limb Injury; Soft Tissue Injury;	1	1	1
Isolated Neck Injury;	1	1	1
Isolated Neck Injury; Soft Tissue Injury;	1	1	1
Ither Diabetic Problem;	0	0	0
Ither Diabetic Problem; Other Mental Health Problem;	0	0	0
Limb Injury;	1	1	1
Limb Injury; Multi-System Trauma;	1	1	1
Limb Injury; Neck Injury;	1	1	1

Limb Injury; Other Infection;	1	1	1
Limb Injury; Other Medical Problem;	1	1	1
Limb Injury; Other Mental Health Problem;	1	1	1
Limb Injury; Other Neurological Problem;	1	1	1
Limb Injury; Penetrating Trauma;	1	1	1
Limb Injury; Query Intoxicated;	1	1	1
Limb Injury; Soft Tissue Injury;	1	1	1
Limb Injury; Transport Only;	1	1	1
Limb Injury; Unknown Problem;	1	1	1
Major Trauma Negative;	0	0	0
Major Trauma Negative; Penetrating Trauma; Soft Tissue Injury;	1	1	1
Major Trauma Negative; Soft Tissue Injury;	1	1	1
Major Trauma Positive ;	1	1	1
Meningitis;	0	0	0
Meningitis; Neck Injury;	1	1	1
Meningitis; Other ENT Problem;	0	0	0
Meningitis; Other Infection;	0	0	0
Meningitis; Other Infection; Pyrexia Unknown Origin;	0	0	0

Meningitis; Other Infection; Urinary Tract Infection;	0	0	0
Meningitis; Other Medical Problem;	0	0	0
Meningitis; Other Respiratory Problem;	0	0	0
Meningitis; Pyrexia Unknown Origin;	0	0	0
Meningitis; Sepsis;	0	0	0
Meningitis; Urinary Problem; Urinary Tract Infection;	0	0	0
Miscarriage;	1	1	1
Miscarriage; Other Gynae Problem;	1	1	1
Miscarriage; PV Bleed;	1	1	1
Multi-System Trauma;	1	1	1
Near Drowning;	0	0	0
Neck Injury;	1	1	1
Neck Injury; No Apparent Problem;	1	1	1
Neck Injury; Penetrating Trauma;	1	1	1
Neck Injury; Soft Tissue Injury;	1	1	1
New Born Infant;	0	0	0
New Born Infant; Transport Only;	0	0	0
No Apparent Problem;	0	0	0

No Apparent Problem; Other Infection;	0	0	0
No Apparent Problem; Other Medical Problem;	0	0	0
No Apparent Problem; Other Mental Health Problem;	0	0	0
No Apparent Problem; Other Mental Health Problem; Social Problem;	0	0	0
No Apparent Problem; Other Respiratory Problem;	0	0	0
No Apparent Problem; Pyrexia Unknown Origin;	0	0	0
No Apparent Problem; Pyrexia Unknown Origin; Unknown Problem;	0	0	0
No Apparent Problem; Query Intoxicated;	0	0	0
No Apparent Problem; Social Problem;	0	0	0
No Apparent Problem; Soft Tissue Injury;	1	1	1
No Apparent Problem; Thermal Injury;	1	1	1
No Apparent Problem; Transport Only;	0	0	0
No Apparent Problem; Unknown Problem;	0	0	0
Off Legs / Poor Mobility;	0	0	0
Off Legs / Poor Mobility; Other Infection;	0	0	0
Off Legs / Poor Mobility; Other Infection; Other Medical Problem;	0	0	0

Off Legs / Poor Mobility; Other Infection; Other Medical Problem; Transport Only;	0	0	0
Opiate Overdose;	0	0	0
Other Abdominal Problem;	0	0	0
Other Abdominal Problem; Other Diabetic Problem;	0	0	0
Other Abdominal Problem; Other ENT Problem;	0	0	0
Other Abdominal Problem; Other Infection;	0	0	0
Other Abdominal Problem; Other Medical Problem;	0	0	0
Other Abdominal Problem; Other Respiratory Problem;	0	0	0
Other Abdominal Problem; PV Bleed;	0	0	0
Other Abdominal Problem; Pyrexia Unknown Origin;	0	0	0
Other Abdominal Problem; Unknown Problem;	0	0	0
Other Abdominal Problem; Unknown Problem; Urinary Tract Infection;	0	0	0
Other Abdominal Problem; Urinary Tract Infection;	0	0	0
Other Cardiac Problem;	0	0	0
Other Cardiac Problem; Panic / Anxiety Attack;	0	0	0
Other Diabetic Problem;	0	0	0
Other Diabetic Problem; Other Infection;	0	0	0

Other Diabetic Problem; Other Mental Health Problem;	0	0	0
Other Diabetic Problem; Unknown Problem;	0	0	0
Other ENT Problem;	0	0	0
Other ENT Problem; Other Gynae Problem;	0	0	0
Other ENT Problem; Other Infection;	0	0	0
Other ENT Problem; Other Infection; Other Medical Problem;	0	0	0
Other ENT Problem; Other Infection; Pyrexia Unknown Origin;	0	0	0
Other ENT Problem; Other Medical Problem;	0	0	0
Other ENT Problem; Other Medical Problem; Other Respiratory Problem;	0	0	0
Other ENT Problem; Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Other ENT Problem; Other Respiratory Problem;	0	0	0
Other ENT Problem; Other Respiratory Problem; Pyrexia Unknown Origin;	0	0	0
Other ENT Problem; Pyrexia Unknown Origin;	0	0	0
Other ENT Problem; Pyrexia Unknown Origin; Sepsis;	0	0	0
Other ENT Problem; Sepsis;	0	0	0

Other ENT Problem; Sepsis; Urinary Tract Infection;	0	0	0
Other ENT Problem; Soft Tissue Injury;	1	1	1
Other ENT Problem; Transport Only;	0	0	0
Other ENT Problem; Unknown Problem;	0	0	0
Other ENT Problem; Urinary Problem;	0	0	0
Other ENT Problem; Urinary Tract Infection;	0	0	0
Other Gynae Problem;	0	0	0
Other Gynae Problem; PV Bleed;	0	0	0
Other Infection;	0	0	0
Other Infection; Other Infection;	0	0	0
Other Infection; Other Medical Problem;	0	0	0
Other Infection; Other Medical Problem; Other Respiratory Problem;	0	0	0
Other Infection; Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Other Infection; Other Medical Problem; Sepsis;	0	0	0
Other Infection; Other Medical Problem; Unknown Problem;	0	0	0
Other Infection; Other Neurological Problem;	0	0	0

Other Infection; Other Respiratory Problem;	0	0	0
Other Infection; Other Respiratory Problem; Pyrexia Unknown Origin;	0	0	0
Other Infection; Panic / Anxiety Attack;	0	0	0
Other Infection; Pyrexia Unknown Origin;	0	0	0
Other Infection; Pyrexia Unknown Origin; Sepsis;	0	0	0
Other Infection; Pyrexia Unknown Origin; Unknown Problem;	0	0	0
Other Infection; Pyrexia Unknown Origin; Urinary Problem; Urinary Tract Infection;	0	0	0
Other Infection; Pyrexia Unknown Origin; Urinary Tract Infection;	0	0	0
Other Infection; Sepsis;	0	0	0
Other Infection; Social Problem;	0	0	0
Other Infection; Soft Tissue Injury;	1	1	1
Other Infection; Thermal Injury;	1	1	1
Other Infection; Unknown Problem;	0	0	0
Other Infection; Urinary Problem;	0	0	0
Other Infection; Urinary Tract Infection;	0	0	0
Other Medical Problem;	0	0	0

Other Medical Problem; Other Medical Problem;	0	0	0
Other Medical Problem; Other Mental Health Problem;	0	0	0
Other Medical Problem; Other Neurological Problem;	0	0	0
Other Medical Problem; Other Neurological Problem; Other Respiratory Problem;	0	0	0
Other Medical Problem; Other Neurological Problem; Soft Tissue Injury;	1	1	1
Other Medical Problem; Other Neurological Problem; Unintentional Overdose;	0	0	0
Other Medical Problem; Other Respiratory Problem;	0	0	0
Other Medical Problem; Other Respiratory Problem; Pyrexia Unknown Origin;	0	0	0
Other Medical Problem; Other Respiratory Problem; Unknown Problem;	0	0	0
Other Medical Problem; Panic / Anxiety Attack;	0	0	0
Other Medical Problem; PV Bleed;	0	0	0
Other Medical Problem; Pyrexia Unknown Origin;	0	0	0
Other Medical Problem; Pyrexia Unknown Origin; Urinary Tract Infection;	0	0	0
Other Medical Problem; Query Intoxicated;	0	0	0

Other Medical Problem; Sepsis;	0	0	0
Other Medical Problem; Soft Tissue Injury;	1	1	1
Other Medical Problem; Suspected PE;	1	1	1
Other Medical Problem; Transport Only;	0	0	0
Other Medical Problem; Unknown Problem;	0	0	0
Other Medical Problem; Urinary Problem;	0	0	0
Other Medical Problem; Urinary Tract Infection;	0	0	0
Other Mental Health Problem;	0	0	0
Other Mental Health Problem; Other Respiratory Problem;	0	0	0
Other Mental Health Problem; Psychosis;	0	0	0
Other Mental Health Problem; Query Intoxicated;	0	0	0
Other Mental Health Problem; Social Problem;	0	0	0
Other Mental Health Problem; Soft Tissue Injury;	1	1	1
Other Mental Health Problem; Stroke;	0	0	0
Other Mental Health Problem; Unintentional Overdose;	0	0	0
Other Mental Health Problem; Unknown Problem;	0	0	0
Other Mental Health Problem; Urinary Problem;	0	0	0
Other Neurological Problem;	0	0	0

Other Neurological Problem; Other Respiratory Problem;	0	0	0
Other Neurological Problem; Panic / Anxiety Attack;	0	0	0
Other Neurological Problem; Query Intoxicated;	0	0	0
Other Neurological Problem; Sepsis;	0	0	0
Other Neurological Problem; Soft Tissue Injury;	1	1	1
Other Neurological Problem; Unknown Problem;	0	0	0
Other Neurological Problem; Urinary Tract Infection;	0	0	0
Other Obstetric Problem;	0	0	0
Other Respiratory Problem;	0	0	0
Other Respiratory Problem; Other Respiratory Problem;	0	0	0
Other Respiratory Problem; Palliative Terminal Care;	0	0	0
Other Respiratory Problem; Panic / Anxiety Attack;	0	0	0
Other Respiratory Problem; Pyrexia Unknown Origin;	0	0	0
Other Respiratory Problem; Pyrexia Unknown Origin; Unknown Problem;	0	0	0
Other Respiratory Problem; Sepsis;	0	0	0
Other Respiratory Problem; Sepsis; Unknown Problem;	0	0	0
Other Respiratory Problem; Smoke Inhalation;	0	0	0

Other Respiratory Problem; Social Problem; Soft Tissue Injury;	1	1	1
Other Respiratory Problem; Soft Tissue Injury;	1	1	1
Other Respiratory Problem; Suspected PE;	1	1	1
Other Respiratory Problem; Transport Only;	0	0	0
Other Respiratory Problem; Unknown Problem;	0	0	0
Other Respiratory Problem; Urinary Tract Infection;	0	0	0
Palliative Terminal Care;	0	0	0
Panic / Anxiety Attack;	0	0	0
Panic / Anxiety Attack; Pyrexia Unknown Origin;	0	0	0
Panic / Anxiety Attack; Stab Wound;	1	1	1
Panic / Anxiety Attack; Suspected PE;	1	1	1
Panic / Anxiety Attack; Unknown Problem;	0	0	0
Penetrating Trauma;	1	1	1
Penetrating Trauma; Stab Wound;	1	1	1
Postpartum Haemorrhage;	1	1	1
Psychosis;	0	0	0
Psychosis; Query Intoxicated;	0	0	0
Psychosis; S135;	0	0	0

Psychosis; Social Problem;	0	0	0
PV Bleed;	0	0	0
PV Bleed; Urinary Tract Infection;	0	0	0
Pyrexia Unknown Origin;	0	0	0
Pyrexia Unknown Origin; Pyrexia Unknown Origin;	0	0	0
Pyrexia Unknown Origin; Sepsis;	0	0	0
Pyrexia Unknown Origin; Sepsis; Unknown Problem;	0	0	0
Pyrexia Unknown Origin; Soft Tissue Injury;	1	1	1
Pyrexia Unknown Origin; Transport Only;	0	0	0
Pyrexia Unknown Origin; Unknown Problem;	0	0	0
Pyrexia Unknown Origin; Urinary Problem;	0	0	0
Pyrexia Unknown Origin; Urinary Problem; Urinary Tract Infection;	0	0	0
Pyrexia Unknown Origin; Urinary Tract Infection;	0	0	0
Query Intoxicated;	0	0	0
Query Intoxicated; Soft Tissue Injury;	1	1	1
Query Intoxicated; Unintentional Overdose;	0	0	0
Radiation Exposure; Soft Tissue Injury;	1	1	1
S136;	0	0	0

Sepsis;	0	0	0
Sepsis; Urinary Problem; Urinary Tract Infection;	0	0	0
Sepsis; Urinary Tract Infection;	0	0	0
Sickle Cell Crisis;	1	1	1
Smoke Inhalation;	0	0	0
Social Problem;	0	0	0
Social Problem; Unintentional Overdose;	0	0	0
Social Problem; Unknown Problem;	0	0	0
Soft Tissue Injury;	1	1	1
Soft Tissue Injury; Stab Wound;	1	1	1
Soft Tissue Injury; Suspected Neck of Femur;	1	1	1
Soft Tissue Injury; Thermal Injury;	1	1	1
Soft Tissue Injury; Unknown Problem;	1	1	1
Stab Wound;	1	1	1
Stroke;	0	0	0
Suspected Neck of Femur;	1	1	1
Suspected PE;	1	1	1
Thermal Injury;	1	1	1

Thermal Injury; Unknown Problem;	1	1	1
TIA;	0	0	0
Transport Only;	0	0	0
Under MHA Section;	0	0	0
Unintentional Overdose;	0	0	0
Unintentional Overdose; Unknown Problem;	0	0	0
Unknown Problem;	0	0	0
Unknown Problem; Unknown Problem;	0	0	0
Urinary Problem;	0	0	0
Urinary Problem; Urinary Tract Infection;	0	0	0
Urinary Tract Infection;	0	0	0

1 **Type of Pain Categories (Trauma/Medical)**

2

3 **Clinical Impressions Categorised as 'Trauma'**

4

5 Abdominal Injury

6 Abdominal Injury; Back Injury

7 Abdominal Injury; Chest Injury

8 Abdominal Injury; Head Injury

9 Abdominal Injury; Limb Injury

10 Abdominal Injury; Limb Injury; Head Injury

11 Abdominal Injury; Limb Injury; Soft Tissue Injury; Head Injury

12 Abdominal Injury; Multi-System Trauma; Limb Injury; Penetrating Trauma; Stab Wound;
13 Chest Injury; Alleged Assault

14 Abdominal Injury; Neck Injury; Back Injury

15 Abdominal Injury; Soft Tissue Injury

16 Abdominal Injury; Soft Tissue Injury; Penetrating Trauma

17 Accidental Overdose / Poisoning; Bite / Sting

18 Accidental Overdose / Poisoning; Head Injury

19 Accidental Overdose / Poisoning; Isolated Limb Injury

20 Acute Abdominal Problem; Abdominal Injury

21 Alleged Assault

22 Alleged Assault; Abdominal Injury

23 Alleged Assault; Accidental Overdose / Poisoning

24 Alleged Assault; Anxiety

25 Alleged Assault; Back Injury

26 Alleged Assault; Bite / Sting

27 Alleged Assault; Chemical Exposure; Soft Tissue Injury

28 Alleged Assault; Effects of Alcohol

29 Alleged Assault; Head Injury

30 Alleged Assault; Headache

31 Alleged Assault; Isolated Head Injury

- 32 Alleged Assault; Limb Injury
- 33 Alleged Assault; Other Respiratory Problem
- 34 Alleged Assault; Panic / Anxiety Attack
- 35 Alleged Assault; Query Intoxicated
- 36 Alleged Assault; Soft Tissue Injury
- 37 Alleged Assault; Soft Tissue Injury; Head Injury
- 38 Alleged Assault; Stab Wound
- 39 Alleged Assault; Unintentional Overdose
- 40 Allergic Reaction; Bite / Sting
- 41 Anxiety; Back Injury; Soft Tissue Injury
- 42 Anxiety; Chest Injury; Depression; Other Mental Health Problem
- 43 Anxiety; Head Injury
- 44 Anxiety; Limb Injury
- 45 Anxiety; Soft Tissue Injury
- 46 Arrhythmia / Palpitations; Convulsion; Head Injury
- 47 Arrhythmia / Palpitations; Soft Tissue Injury
- 48 Baby Delivered
- 49 Baby Delivered; Delivery Complication
- 50 Baby Delivered; In Labour
- 51 Baby Delivered; New Born Infant
- 52 Back Injury
- 53 Back Injury; Diving Incident
- 54 Back Injury; Head Injury
- 55 Back Injury; Head Injury; Urinary Tract Infection
- 56 Back Injury; Headache
- 57 Back Injury; Limb Injury
- 58 Back Injury; Limb Injury; Soft Tissue Injury
- 59 Back Injury; Neck Injury
- 60 Back Injury; Other Medical Problem
- 61 Back Injury; Other Neurological Problem
- 62 Back Injury; Soft Tissue Injury

- 63 Back Injury; Soft Tissue Injury; Neck Injury
- 64 Bite / Sting
- 65 Bite / Sting; Faint
- 66 Bite / Sting; Limb Injury
- 67 Bite / Sting; Other Infection
- 68 Bite / Sting; Soft Tissue Injury; Alleged Assault; Bite / Sting
- 69 Cardiac Arrest; Multi-System Trauma
- 70 Cardiac Arrest; Soft Tissue Injury; Multi-System Trauma; Neck Injury; Back Injury; Other
- 71 Respiratory Problem; Head Injury
- 72 Cardiac Chest Pain; Chest Injury
- 73 Cardiac Problem; Back Injury; Neck Injury; Faint / Dizziness; Unknown Problem; Fall Non -
- 74 Injury
- 75 Cardiac Problem; Other Medical Problem; Head Injury
- 76 Cardiac Problem; Soft Tissue Injury
- 77 Chest Infection; Soft Tissue Injury
- 78 Chest Injury
- 79 Chest Injury; Abdominal Injury
- 80 Chest Injury; Back Injury
- 81 Chest Injury; Cold Exposure
- 82 Chest Injury; Faint / Dizziness; Collapse ? Cause; Accidental Overdose / Poisoning; Head
- 83 Injury; Cold Exposure; Alleged Assault; Neck Injury
- 84 Chest Injury; Limb Injury
- 85 Chest Injury; Limb Injury; Abdominal Injury; Neck Injury; Back Injury
- 86 Chest Injury; Neck Injury
- 87 Chest Injury; Other Respiratory Problem
- 88 Chest Injury; Soft Tissue Injury; Intentional Drug Overdose; Back Injury; Limb Injury
- 89 Chest Injury; Stab Wound
- 90 Chest Pain Non-Cardiac; Electrocutation
- 91 Chest Pain Non-Cardiac; Panic / Anxiety Attack; Soft Tissue Injury
- 92 Collapse ? Cause; Bite / Sting
- 93 Collapse ? Cause; Head Injury
- 94 Collapse ? Cause; Head Injury; Epistaxis

- 95 Collapse ? Cause; Isolated Head Injury
- 96 Collapse ? Cause; Limb Injury
- 97 Collapse ? Cause; Neck Injury
- 98 Collapse ? Cause; Neck Injury; Back Injury
- 99 Collapse ? Cause; Neck Injury; Chest Injury
- 100 Collapse Unknown Cause; Faint / Dizziness; Collapse ? Cause; Neck Injury
- 101 Collapse Unknown Cause; Head Injury
- 102 Collapse Unknown Cause; Head Injury; Convulsion; Faint / Dizziness
- 103 Collapse Unknown Cause; Isolated Head Injury
- 104 Confusion; Head Injury
- 105 Confusion; Pyrexia Unknown Origin; Urinary Tract Infection; Head Injury
- 106 Convulsion; Collapse Unknown Cause; Head Injury
- 107 Convulsion; Head Injury
- 108 Convulsion; Head Injury; Soft Tissue Injury
- 109 Convulsion; Headache; Alleged Assault
- 110 Convulsion; Headache; Soft Tissue Injury
- 111 Convulsion; Neck Injury
- 112 D & V; Head Injury; Hypoglycaemia
- 113 Delivery Complication; New Born Infant
- 114 Delivery Complication; New Born Infant; Baby Delivered
- 115 Depression; Collapse Unknown Cause; Faint / Dizziness; Head Injury; Convulsion; Collapse ?
- 116 Cause; Faint; Anxiety; Confusion; TIA
- 117 Depression; Head Injury
- 118 Depression; Soft Tissue Injury
- 119 Diving Incident
- 120 Diving Incident; Back Injury
- 121 Diving Incident; Back Injury; Limb Injury
- 122 Diving Incident; Head Injury
- 123 Diving Incident; Isolated Neck Injury
- 124 Diving Incident; Limb Injury
- 125 Diving Incident; Multi-System Trauma

- 126 Diving Incident; Other ENT Problem
- 127 Diving Incident; Soft Tissue Injury
- 128 Effects of Alcohol; Alleged Assault
- 129 Effects of Alcohol; Head Injury
- 130 Effects of Alcohol; Hypoglycaemia; Head Injury
- 131 Effects of Alcohol; Query Intoxicated; Isolated Head Injury
- 132 Electrocutation
- 133 Epistaxis; Soft Tissue Injury
- 134 Explosive / Blast Injury
- 135 Eye Problem; Alleged Assault
- 136 Eye Problem; Bite / Sting
- 137 Faint / Dizziness; Abdominal Injury
- 138 Faint / Dizziness; Alleged Assault
- 139 Faint / Dizziness; Head Injury
- 140 Faint / Dizziness; Isolated Back Injury
- 141 Faint / Dizziness; Isolated Limb Injury
- 142 Faint / Dizziness; Isolated Neck Injury
- 143 Faint / Dizziness; Penetrating Trauma
- 144 Faint / Dizziness; Soft Tissue Injury
- 145 Faint; Abdominal Injury
- 146 Faint; Alleged Assault; Collapse Unknown Cause
- 147 Faint; Back Injury
- 148 Faint; Collapse Unknown Cause; Head Injury
- 149 Faint; Head Injury
- 150 Faint; Isolated Head Injury
- 151 Faint; Isolated Head Injury; Convulsion
- 152 Fall Non - Injury; Head Injury
- 153 Fall Non - Injury; Soft Tissue Injury
- 154 Gunshot
- 155 Head Injury
- 156 Head Injury; Abdominal Injury

- 157 Head Injury; Alleged Assault
- 158 Head Injury; Alleged Assault; Back Injury; Neck Injury
- 159 Head Injury; Anxiety; Headache; Other Mental Health Problem
- 160 Head Injury; Arrhythmia / Palpitations
- 161 Head Injury; Back Injury
- 162 Head Injury; Back Injury; Alleged Assault
- 163 Head Injury; Back Injury; Neck Injury
- 164 Head Injury; Chest Infection
- 165 Head Injury; Chest Injury
- 166 Head Injury; Chest Injury; Abdominal Injury; Back Injury; Multi-System Trauma; Neck Injury;
- 167 Limb Injury; Soft Tissue Injury
- 168 Head Injury; Chest Injury; Limb Injury
- 169 Head Injury; Collapse ? Cause
- 170 Head Injury; Collapse ? Cause; Accidental Overdose / Poisoning
- 171 Head Injury; Collapse Unknown Cause
- 172 Head Injury; Collapse Unknown Cause; Faint
- 173 Head Injury; Convulsion
- 174 Head Injury; Convulsion; Collapse ? Cause
- 175 Head Injury; D & V
- 176 Head Injury; Depression
- 177 Head Injury; Effects of Alcohol
- 178 Head Injury; Effects of Alcohol; Unintentional Overdose
- 179 Head Injury; Epistaxis
- 180 Head Injury; Faint
- 181 Head Injury; Faint / Dizziness
- 182 Head Injury; Fall Non - Injury
- 183 Head Injury; Headache
- 184 Head Injury; Limb Injury
- 185 Head Injury; Limb Injury; Neck Injury
- 186 Head Injury; Limb Injury; Soft Tissue Injury
- 187 Head Injury; Limb Injury; Soft Tissue Injury; Back Injury

188 Head Injury; Multi-System Trauma
189 Head Injury; Neck Injury
190 Head Injury; Other Infection
191 Head Injury; Other Medical Problem
192 Head Injury; Other Mental Health Problem
193 Head Injury; Other Mental Health Problem; Chest Pain Non-Cardiac
194 Head Injury; Other Respiratory Problem
195 Head Injury; Other Respiratory Problem; Collapse Unknown Cause
196 Head Injury; Query Intoxicated
197 Head Injury; Query Intoxicated; Soft Tissue Injury; Collapse ? Cause; Effects of Alcohol
198 Head Injury; Soft Tissue Injury
199 Head Injury; Soft Tissue Injury; Faint / Dizziness
200 Head Injury; Suspected Neck of Femur; Neck Injury; Soft Tissue Injury
201 Head Injury; Unknown Problem
202 Headache; Head Injury
203 Headache; Neck Injury
204 Headache; Soft Tissue Injury
205 Hypoglycaemia; Head Injury
206 In Labour
207 In Labour; Delivery Complication; Antepartum Haemorrhage
208 Influenza; Head Injury; Collapse ? Cause
209 Intentional Drug Overdose; Head Injury
210 Intentional Drug Overdose; Isolated Head Injury
211 Intentional Drug Overdose; Query Intoxicated; Alleged Assault
212 Intentional Drug Overdose; Soft Tissue Injury
213 Isolated Abdominal Injury
214 Isolated Abdominal Injury; Isolated Back Injury
215 Isolated Abdominal Injury; Isolated Back Injury; Multi-System Trauma
216 Isolated Back Injury
217 Isolated Back Injury; Acute Abdominal Problem
218 Isolated Back Injury; Isolated Neck Injury

- 219 Isolated Back Injury; Soft Tissue Injury
- 220 Isolated Chest Injury
- 221 Isolated Chest Injury; Isolated Back Injury
- 222 Isolated Head Injury
- 223 Isolated Head Injury; Attempted Suicide
- 224 Isolated Head Injury; Collapse Unknown Cause
- 225 Isolated Head Injury; Confusion; Soft Tissue Injury
- 226 Isolated Head Injury; Effects of Alcohol
- 227 Isolated Head Injury; Faint / Dizziness
- 228 Isolated Head Injury; Isolated Back Injury
- 229 Isolated Head Injury; Isolated Head Injury
- 230 Isolated Head Injury; Isolated Limb Injury
- 231 Isolated Head Injury; Isolated Neck Injury
- 232 Isolated Head Injury; Other Infection
- 233 Isolated Head Injury; Soft Tissue Injury
- 234 Isolated Limb Injury
- 235 Isolated Limb Injury; Collapse Unknown Cause
- 236 Isolated Limb Injury; Convulsion
- 237 Isolated Limb Injury; Interfacility Transport
- 238 Isolated Limb Injury; Isolated Back Injury; Isolated Head Injury
- 239 Isolated Limb Injury; Isolated Head Injury
- 240 Isolated Limb Injury; Isolated Neck Injury
- 241 Isolated Limb Injury; Multi-System Trauma
- 242 Isolated Limb Injury; Soft Tissue Injury; Isolated Back Injury
- 243 Isolated Neck Injury
- 244 Isolated Neck Injury; Alleged Assault
- 245 Isolated Neck Injury; Isolated Back Injury
- 246 Isolated Neck Injury; Isolated Head Injury
- 247 Isolated Neck Injury; Soft Tissue Injury
- 248 Limb Injury
- 249 Limb Injury; Abdominal Injury

- 250 Limb Injury; Abdominal Injury; Chest Injury
- 251 Limb Injury; Anxiety; Collapse ? Cause
- 252 Limb Injury; Anxiety; Depression
- 253 Limb Injury; Anxiety; Other Mental Health Problem
- 254 Limb Injury; Back Injury
- 255 Limb Injury; Bite / Sting
- 256 Limb Injury; Chest Injury
- 257 Limb Injury; Chest Injury; Back Injury
- 258 Limb Injury; Collapse Unknown Cause
- 259 Limb Injury; Convulsion
- 260 Limb Injury; Depression
- 261 Limb Injury; Diving Incident
- 262 Limb Injury; Diving Incident; Soft Tissue Injury
- 263 Limb Injury; Effects of Alcohol
- 264 Limb Injury; Faint / Dizziness
- 265 Limb Injury; Faint; Faint / Dizziness
- 266 Limb Injury; Head Injury
- 267 Limb Injury; Multi-System Trauma
- 268 Limb Injury; Neck Injury
- 269 Limb Injury; Other Infection
- 270 Limb Injury; Other Medical Problem
- 271 Limb Injury; Other Mental Health Problem
- 272 Limb Injury; Penetrating Trauma
- 273 Limb Injury; Query Intoxicated
- 274 Limb Injury; Soft Tissue Injury
- 275 Limb Injury; Soft Tissue Injury; Head Injury; Abdominal Injury
- 276 Major Trauma Negative; Soft Tissue Injury
- 277 Major Trauma Positive
- 278 Meningitis; Neck Injury
- 279 Multi-System Trauma

280 Multi-System Trauma; Back Injury; Soft Tissue Injury; Neck Injury; Head Injury; Chest Injury;
281 Abdominal Injury; Limb Injury

282 Multi-System Trauma; Cardiac Arrest

283 Multi-System Trauma; Head Injury

284 Multi-System Trauma; Intentional Drug Overdose

285 Multi-System Trauma; Limb Injury

286 Multi-System Trauma; Limb Injury; Head Injury

287 Near Drowning; Cold Exposure; Isolated Chest Injury

288 Neck Injury

289 Neck Injury; Alleged Assault; Head Injury

290 Neck Injury; Back Injury

291 Neck Injury; Back Injury; Head Injury

292 Neck Injury; Back Injury; Soft Tissue Injury

293 Neck Injury; Chest Injury

294 Neck Injury; Chest Injury; Limb Injury; Head Injury

295 Neck Injury; Confusion; Headache

296 Neck Injury; Faint / Dizziness; Faint / Dizziness

297 Neck Injury; Head Injury

298 Neck Injury; Head Injury; Confusion

299 Neck Injury; Head Injury; Limb Injury

300 Neck Injury; Intentional Drug Overdose

301 Neck Injury; Limb Injury

302 Neck Injury; Limb Injury; Back Injury

303 Neck Injury; Multi-System Trauma; Head Injury; Penetrating Trauma

304 Neck Injury; No Apparent Problem

305 Neck Injury; Penetrating Trauma

306 Neck Injury; Query Intoxicated; Back Injury

307 Neck Injury; Soft Tissue Injury

308 New Born Infant; Baby Delivered

309 No Apparent Problem; Head Injury

310 No Apparent Problem; Soft Tissue Injury

311 No Apparent Problem; Thermal Injury
312 Off Legs / Poor Mobility; Alleged Assault; Headache; Faint / Dizziness; Acute Abdominal
313 Problem
314 Other ENT Problem; Head Injury
315 Other ENT Problem; Isolated Head Injury
316 Other ENT Problem; Soft Tissue Injury
317 Other Infection; Head Injury
318 Other Infection; Thermal Injury
319 Other Medical Problem; Alleged Assault
320 Other Medical Problem; Bite / Sting
321 Other Medical Problem; Chest Pain Non-Cardiac; Thermal Injury
322 Other Medical Problem; Head Injury
323 Other Medical Problem; Soft Tissue Injury; Other Neurological Problem
324 Other Mental Health Problem; Head Injury
325 Other Mental Health Problem; Soft Tissue Injury
326 Other Neurological Problem; Confusion; Collapse ? Cause; Head Injury
327 Other Neurological Problem; Head Injury
328 Other Neurological Problem; Head Injury; Collapse Unknown Cause; TIA; Faint
329 Other Neurological Problem; Limb Injury
330 Other Neurological Problem; Soft Tissue Injury
331 Other Respiratory Problem; Head Injury
332 Other Respiratory Problem; Soft Tissue Injury
333 Panic / Anxiety Attack; Alleged Assault
334 Panic / Anxiety Attack; Stab Wound
335 Penetrating Trauma
336 Penetrating Trauma; Alleged Assault
337 Penetrating Trauma; Major Trauma Negative; Soft Tissue Injury
338 Psychosis; Anxiety; Other Mental Health Problem; Thermal Injury
339 Pyrexia Unknown Origin; Head Injury
340 Pyrexia Unknown Origin; Soft Tissue Injury
341 Query Intoxicated; Head Injury

342 Query Intoxicated; Head Injury; Collapse ? Cause; Accidental Overdose / Poisoning
343 Query Intoxicated; Head Injury; Effects of Alcohol
344 Query Intoxicated; Isolated Head Injury
345 Radiation Exposure; Soft Tissue Injury
346 Social Problem; Other Respiratory Problem; Soft Tissue Injury
347 Soft Tissue Injury
348 Soft Tissue Injury; Abdominal Injury
349 Soft Tissue Injury; Accidental Overdose / Poisoning
350 Soft Tissue Injury; Acute Abdominal Problem
351 Soft Tissue Injury; Alleged Assault
352 Soft Tissue Injury; Anxiety
353 Soft Tissue Injury; Attempted Suicide
354 Soft Tissue Injury; Back Injury
355 Soft Tissue Injury; Bite / Sting
356 Soft Tissue Injury; Chemical Exposure
357 Soft Tissue Injury; Chest Injury
358 Soft Tissue Injury; Convulsion
359 Soft Tissue Injury; Convulsion; Head Injury
360 Soft Tissue Injury; Depression; Other Mental Health Problem
361 Soft Tissue Injury; Epistaxis
362 Soft Tissue Injury; Faint
363 Soft Tissue Injury; Faint / Dizziness
364 Soft Tissue Injury; Fall Non - Injury
365 Soft Tissue Injury; Head Injury
366 Soft Tissue Injury; Headache
367 Soft Tissue Injury; Intentional Drug Overdose
368 Soft Tissue Injury; Isolated Head Injury
369 Soft Tissue Injury; Isolated Limb Injury
370 Soft Tissue Injury; Limb Injury
371 Soft Tissue Injury; Major Trauma Negative
372 Soft Tissue Injury; Multi-System Trauma

373 Soft Tissue Injury; Neck Injury
374 Soft Tissue Injury; No Apparent Problem
375 Soft Tissue Injury; No Apparent Problem; Head Injury; Fall Non - Injury
376 Soft Tissue Injury; Other ENT Problem
377 Soft Tissue Injury; Other Infection
378 Soft Tissue Injury; Other Medical Problem
379 Soft Tissue Injury; Other Mental Health Problem
380 Soft Tissue Injury; Query Intoxicated
381 Soft Tissue Injury; Thermal Injury
382 Soft Tissue Injury; Unknown Problem
383 Stab Wound
384 Stab Wound; Alleged Assault
385 Stab Wound; Cardiac Arrest
386 Stab Wound; Chest Injury
387 Stab Wound; Penetrating Trauma
388 Stab Wound; Soft Tissue Injury
389 Suspected Neck of Femur
390 Suspected Neck of Femur; Limb Injury
391 Suspected Neck of Femur; Soft Tissue Injury
392 Thermal Injury
393 Transport Only; Chest Injury
394 Transport Only; Limb Injury
395 Unknown Problem; Back Injury; Chest Pain Non-Cardiac; Confusion
396 Unknown Problem; Head Injury
397 Unknown Problem; Limb Injury
398 Unknown Problem; Soft Tissue Injury
399 Unknown Problem; Thermal Injury
400 Urinary Problem; Head Injury
401 Urinary Tract Infection; Limb Injury
402
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407 **Clinical Impressions Categorized as 'Medical'**

408

409 AAA

410 Accidental Overdose / Poisoning

411 Accidental Overdose / Poisoning; Acute Abdominal Problem

412 Accidental Overdose / Poisoning; Arrhythmia / Palpitations

413 Accidental Overdose / Poisoning; Attempted Suicide

414 Accidental Overdose / Poisoning; Attempted Suicide; Intentional Drug Overdose

415 Accidental Overdose / Poisoning; Collapse Unknown Cause

416 Accidental Overdose / Poisoning; Effects of Alcohol

417 Accidental Overdose / Poisoning; Head Injury

418 Accidental Overdose / Poisoning; Headache

419 Accidental Overdose / Poisoning; Carbon Monoxide Poisoning

420 Accidental Overdose / Poisoning; Cardiac Problem

421 Accidental Overdose / Poisoning; Chest Pain Non-Cardiac

422 Accidental Overdose / Poisoning; Collapse Unknown Cause

423 Accidental Overdose / Poisoning; Depression

424 Accidental Overdose / Poisoning; Effects of Alcohol

425 Accidental Overdose / Poisoning; Faint / Dizziness

426 Accidental Overdose / Poisoning; Headache

427 Accidental Overdose / Poisoning; Influenza

428 Accidental Overdose / Poisoning; Intentional Drug Overdose

429 Accidental Overdose / Poisoning; Intentional Drug Overdose; Depression; Anxiety

430 Accidental Overdose / Poisoning; Other Abdominal Problem; Query Intoxicated

431 Accidental Overdose / Poisoning; Other Infection

432 Accidental Overdose / Poisoning; Other Medical Problem

433 Accidental Overdose / Poisoning; Other Mental Health Problem

434 Accidental Overdose / Poisoning; Other Respiratory Problem

- 435 Accidental Overdose / Poisoning; Query Intoxicated
- 436 Accidental Overdose / Poisoning; Social Problem
- 437 Accidental Overdose / Poisoning; Unintentional Overdose
- 438 Accidental Overdose / Poisoning; Unintentional Overdose; Query Intoxicated
- 439 Acute Abdominal Problem
- 440 Acute Abdominal Problem; Accidental Overdose / Poisoning
- 441 Acute Abdominal Problem; Allergic Reaction
- 442 Acute Abdominal Problem; Anxiety
- 443 Acute Abdominal Problem; Arrhythmia / Palpitations
- 444 Acute Abdominal Problem; Asthma
- 445 Acute Abdominal Problem; Attempted Suicide
- 446 Acute Abdominal Problem; Back Pain Non-Traumatic
- 447 Acute Abdominal Problem; Back Pain Non-Traumatic; Faint / Dizziness
- 448 Acute Abdominal Problem; Cardiac Problem
- 449 Acute Abdominal Problem; Chest Infection
- 450 Acute Abdominal Problem; Chest Pain Non-Cardiac
- 451 Acute Abdominal Problem; Collapse ? Cause
- 452 Acute Abdominal Problem; Collapse Unknown Cause
- 453 Acute Abdominal Problem; Constipation
- 454 Acute Abdominal Problem; Convulsion
- 455 Acute Abdominal Problem; D & V
- 456 Acute Abdominal Problem; Ectopic Pregnancy
- 457 Acute Abdominal Problem; Effects of Alcohol
- 458 Acute Abdominal Problem; Faint
- 459 Acute Abdominal Problem; Faint / Dizziness
- 460 Acute Abdominal Problem; Faint; Faint / Dizziness
- 461 Acute Abdominal Problem; GI Bleed
- 462 Acute Abdominal Problem; Headache
- 463 Acute Abdominal Problem; Hypoglycaemia
- 464 Acute Abdominal Problem; Intentional Drug Overdose
- 465 Acute Abdominal Problem; Meningitis

- 466 Acute Abdominal Problem; Other Abdominal Problem
- 467 Acute Abdominal Problem; Other Gynae Problem
- 468 Acute Abdominal Problem; Other Infection
- 469 Acute Abdominal Problem; Other Infection; Other Respiratory Problem
- 470 Acute Abdominal Problem; Other Medical Problem
- 471 Acute Abdominal Problem; Other Medical Problem; Chest Infection
- 472 Acute Abdominal Problem; Other Mental Health Problem; Back Pain Non-Traumatic; Anxiety
- 473 Acute Abdominal Problem; Other Neurological Problem
- 474 Acute Abdominal Problem; Other Obstetric Problem
- 475 Acute Abdominal Problem; Other Respiratory Problem
- 476 Acute Abdominal Problem; Other Respiratory Problem; Chest Infection; Other Medical
- 477 Problem
- 478 Acute Abdominal Problem; Other Respiratory Problem; D & V; Sepsis; Pyrexia Unknown
- 479 Origin; Chest Pain Non-Cardiac
- 480 Acute Abdominal Problem; Panic / Anxiety Attack; Faint / Dizziness
- 481 Acute Abdominal Problem; PV Bleed
- 482 Acute Abdominal Problem; PV Bleed; Faint / Dizziness
- 483 Acute Abdominal Problem; Pyrexia Unknown Origin
- 484 Acute Abdominal Problem; Pyrexia Unknown Origin; Sepsis
- 485 Acute Abdominal Problem; Sepsis
- 486 Acute Abdominal Problem; Transport Only
- 487 Acute Abdominal Problem; Unknown Problem
- 488 Acute Abdominal Problem; Urinary Tract Infection
- 489 Acute Abdominal Problem; Urinary Tract Infection; Asthma; Pyrexia Unknown Origin
- 490 Allergic Reaction; Accidental Overdose / Poisoning
- 491 Allergic Reaction; Acute Abdominal Problem
- 492 Allergic Reaction; Meningitis
- 493 Allergic Reaction; Meningitis; Other Medical Problem
- 494 Allergic Reaction; Other Abdominal Problem
- 495 Anxiety; Acute Abdominal Problem
- 496 Anxiety; Acute Abdominal Problem; Depression

497 Anxiety; Back Pain Non-Traumatic
498 Anxiety; Chest Pain Non-Cardiac
499 Anxiety; Collapse Unknown Cause; Faint / Dizziness; Headache; Depression; Faint; Collapse ?
500 Cause; Faint / Dizziness; Other Mental Health Problem
501 Anxiety; Effects of Alcohol; Accidental Overdose / Poisoning
502 Anxiety; Headache
503 Anxiety; Other Abdominal Problem
504 Anxiety; Suspected PE
505 Arrhythmia / Palpitations; Accidental Overdose / Poisoning
506 Arrhythmia / Palpitations; Acute Abdominal Problem
507 Arrhythmia / Palpitations; Asthma; Chest Pain Non-Cardiac; Cardiac Chest Pain
508 Arrhythmia / Palpitations; Back Pain Non-Traumatic
509 Arrhythmia / Palpitations; Cardiac Chest Pain
510 Asthma; Chest Pain Non-Cardiac
511 Attempted Suicide; Accidental Overdose / Poisoning
512 Attempted Suicide; Cardiac Chest Pain
513 Back Pain Non-Traumatic
514 Back Pain Non-Traumatic; Acute Abdominal Problem
515 Back Pain Non-Traumatic; D & V; Acute Abdominal Problem
516 Back Pain Non-Traumatic; Headache; Eye Problem
517 Back Pain Non-Traumatic; Panic / Anxiety Attack
518 Back Pain Non-Traumatic; Pyrexia Unknown Origin
519 Back Pain Non-Traumatic; Urinary Tract Infection
520 Cardiac Chest Pain
521 Cardiac Chest Pain; Acute Abdominal Problem
522 Cardiac Chest Pain; Anxiety
523 Cardiac Chest Pain; Arrhythmia / Palpitations
524 Cardiac Chest Pain; Chest Infection
525 Cardiac Chest Pain; Chest Pain Non-Cardiac
526 Cardiac Chest Pain; Chest Pain Non-Cardiac; Anxiety
527 Cardiac Chest Pain; Convulsion

- 528 Cardiac Chest Pain; D & V
- 529 Cardiac Chest Pain; Faint / Dizziness
- 530 Cardiac Chest Pain; Intentional Drug Overdose
- 531 Cardiac Chest Pain; Other Mental Health Problem
- 532 Cardiac Chest Pain; Other Respiratory Problem
- 533 Cardiac Chest Pain; Pyrexia Unknown Origin
- 534 Cardiac Problem; Accidental Overdose / Poisoning
- 535 Cardiac Problem; Acute Abdominal Problem
- 536 Cardiac Problem; Cardiac Chest Pain
- 537 Cardiac Problem; Chest Pain Non-Cardiac
- 538 Cardiac Problem; Chest Pain Non-Cardiac; Cardiac Chest Pain
- 539 Chest Infection; Acute Abdominal Problem
- 540 Chest Infection; Cardiac Chest Pain
- 541 Chest Infection; Chest Pain Non-Cardiac; Anxiety
- 542 Chest Pain Non-Cardiac
- 543 Chest Pain Non-Cardiac; Acute Abdominal Problem
- 544 Chest Pain Non-Cardiac; Anxiety
- 545 Chest Pain Non-Cardiac; Anxiety; Other Medical Problem
- 546 Chest Pain Non-Cardiac; Back Pain Non-Traumatic
- 547 Chest Pain Non-Cardiac; Cardiac Chest Pain
- 548 Chest Pain Non-Cardiac; Chest Infection
- 549 Chest Pain Non-Cardiac; Constipation
- 550 Chest Pain Non-Cardiac; Endocrine Emergency
- 551 Chest Pain Non-Cardiac; Faint / Dizziness
- 552 Chest Pain Non-Cardiac; Faint; Back Pain Non-Traumatic
- 553 Chest Pain Non-Cardiac; Headache
- 554 Chest Pain Non-Cardiac; Intentional Drug Overdose
- 555 Chest Pain Non-Cardiac; Other Abdominal Problem
- 556 Chest Pain Non-Cardiac; Other Infection
- 557 Chest Pain Non-Cardiac; Other Medical Problem
- 558 Chest Pain Non-Cardiac; Other Respiratory Problem

559 Chest Pain Non-Cardiac; Panic / Anxiety Attack
560 Chest Pain Non-Cardiac; Pyrexia Unknown Origin
561 Chest Pain Non-Cardiac; Unknown Problem; Chest Infection
562 Choking; Acute Abdominal Problem; Unknown Problem
563 Chronic Neurological Problem; Headache
564 Collapse ? Cause
565 Collapse ? Cause; Accidental Overdose / Poisoning
566 Collapse ? Cause; Acute Abdominal Problem
567 Collapse ? Cause; Chest Pain Non-Cardiac
568 Collapse ? Cause; Headache; Faint / Dizziness; Faint
569 Collapse Unknown Cause; Accidental Overdose / Poisoning
570 Collapse Unknown Cause; Acute Abdominal Problem
571 Collapse Unknown Cause; Acute Abdominal Problem; Headache
572 Collapse Unknown Cause; Cardiac Chest Pain; Other Medical Problem
573 Collapse Unknown Cause; D & V; Acute Abdominal Problem
574 Collapse Unknown Cause; Headache
575 Collapse Unknown Cause; Headache; Convulsion
576 Constipation
577 Constipation; Acute Abdominal Problem
578 Constipation; Acute Abdominal Problem; PV Bleed
579 Constipation; D & V
580 Constipation; GI Bleed
581 Constipation; No Apparent Problem
582 Constipation; Other Abdominal Problem
583 Constipation; Other Infection
584 Constipation; Other Medical Problem
585 Constipation; Other Medical Problem; Urinary Tract Infection
586 Convulsion; Accidental Overdose / Poisoning
587 Convulsion; Acute Abdominal Problem
588 Convulsion; Alleged Assault
589 Convulsion; Headache

590 D & V; Acute Abdominal Problem
591 D & V; Back Pain Non-Traumatic
592 D & V; Chest Infection; Acute Abdominal Problem; Other Infection
593 D & V; Chest Pain Non-Cardiac
594 D & V; Dental Problem
595 D & V; Headache
596 Dental Problem
597 Dental Problem; Other Infection; D & V
598 Depression; Accidental Overdose / Poisoning
599 Depression; Accidental Overdose / Poisoning; Intentional Drug Overdose
600 DVT
601 ECG Confirmed ST Segment Elevated MI
602 Ectopic Pregnancy
603 Ectopic Pregnancy; Acute Abdominal Problem
604 Effects of Alcohol; Accidental Overdose / Poisoning
605 Effects of Alcohol; Cardiac Chest Pain
606 Effects of Alcohol; Intentional Drug Overdose; Accidental Overdose / Poisoning
607 Epistaxis; Headache
608 Eye Problem; Other Infection
609 Faint / Dizziness; Acute Abdominal Problem
610 Faint / Dizziness; Chest Pain Non-Cardiac
611 Faint / Dizziness; Faint / Dizziness; Headache; No Apparent Problem
612 Faint / Dizziness; Headache
613 Faint; Headache
614 Febrile Convulsion; Acute Abdominal Problem
615 Febrile Convulsion; Pyrexia Unknown Origin; Acute Abdominal Problem
616 GI Bleed; Acute Abdominal Problem
617 Headache
618 Headache; Acute Abdominal Problem
619 Headache; Allergic Reaction
620 Headache; Anxiety; Panic / Anxiety Attack

621 Headache; Cardiac Chest Pain; Convulsion
622 Headache; Chest Infection
623 Headache; Chest Infection; Meningitis; Pyrexia Unknown Origin
624 Headache; Chest Pain Non-Cardiac
625 Headache; Chronic Neurological Problem
626 Headache; Collapse ? Cause
627 Headache; Collapse Unknown Cause
628 Headache; Collapse Unknown Cause; Faint / Dizziness
629 Headache; Confusion
630 Headache; Convulsion
631 Headache; Convulsion; Confusion
632 Headache; Convulsion; Febrile Convulsion
633 Headache; D & V
634 Headache; Faint
635 Headache; Faint / Dizziness
636 Headache; Intentional Drug Overdose
637 Headache; Intentional Drug Overdose; Attempted Suicide
638 Headache; Meningitis
639 Headache; Other ENT Problem
640 Headache; Other Infection
641 Headache; Other Medical Problem
642 Headache; Other Neurological Problem
643 Headache; Other Respiratory Problem
644 Headache; Panic / Anxiety Attack
645 Headache; Pyrexia Unknown Origin
646 Headache; Pyrexia Unknown Origin; Influenza
647 Headache; Pyrexia Unknown Origin; Meningitis
648 Headache; Sepsis
649 Headache; TIA; Other Neurological Problem
650 Headache; Unknown Problem
651 Hyperglycaemia; Accidental Overdose / Poisoning

652 Hyperglycaemia; Acute Abdominal Problem; Other Medical Problem; Other Infection
653 Hyperglycaemia; Headache
654 Hyperthermia; Other Infection; Constipation
655 Hypoglycaemia; Acute Abdominal Problem
656 Intentional Drug Overdose; Accidental Overdose / Poisoning
657 Intentional Drug Overdose; Anxiety; Accidental Overdose / Poisoning
658 Intentional Drug Overdose; Cardiac Chest Pain
659 Intentional Drug Overdose; Effects of Alcohol; Accidental Overdose / Poisoning
660 Intentional Drug Overdose; Headache; Acute Abdominal Problem; Depression
661 Ischaemic Limb; Other Abdominal Problem
662 Ither Diabetic Problem; Faint / Dizziness; Acute Abdominal Problem
663 Meningitis; Chest Pain Non-Cardiac; Convulsion; Other Neurological Problem; Headache
664 Meningitis; Headache
665 Meningitis; Other Infection; Allergic Reaction
666 Meningitis; Other Infection; Chest Pain Non-Cardiac
667 Meningitis; Other Neurological Problem; Headache; TIA
668 Miscarriage
669 Miscarriage; Acute Abdominal Problem
670 Miscarriage; PV Bleed
671 No Apparent Problem; Acute Abdominal Problem
672 Off Legs / Poor Mobility; Accidental Overdose / Poisoning
673 Other Abdominal Problem; Acute Abdominal Problem
674 Other Abdominal Problem; Anxiety
675 Other Abdominal Problem; Back Pain Non-Traumatic
676 Other Abdominal Problem; Constipation
677 Other Abdominal Problem; Pyrexia Unknown Origin; Constipation
678 Other Cardiac Problem; Accidental Overdose / Poisoning
679 Other Cardiac Problem; DVT
680 Other ENT Problem; Acute Abdominal Problem; Faint / Dizziness
681 Other ENT Problem; Chest Pain Non-Cardiac
682 Other ENT Problem; Dental Problem

683 Other Gynae Problem; Miscarriage
684 Other Infection; Accidental Overdose / Poisoning
685 Other Infection; Acute Abdominal Problem
686 Other Infection; Acute Abdominal Problem; Other Respiratory Problem
687 Other Infection; Cardiac Chest Pain
688 Other Infection; Dental Problem; Other Medical Problem
689 Other Infection; Headache
690 Other Infection; Headache; Other Abdominal Problem
691 Other Infection; Headache; Unknown Problem
692 Other Infection; Other Medical Problem; Cardiac Chest Pain
693 Other Infection; Other Respiratory Problem; Acute Abdominal Problem
694 Other Infection; Urinary Tract Infection; Acute Abdominal Problem
695 Other Medical Problem; Acute Abdominal Problem
696 Other Medical Problem; Allergic Reaction; Meningitis
697 Other Medical Problem; Back Pain Non-Traumatic
698 Other Medical Problem; Cardiac Chest Pain
699 Other Medical Problem; Constipation
700 Other Medical Problem; Ectopic Pregnancy; Urinary Tract Infection
701 Other Medical Problem; Headache
702 Other Medical Problem; Headache; Meningitis
703 Other Medical Problem; Unknown Problem; Acute Abdominal Problem
704 Other Mental Health Problem; Accidental Overdose / Poisoning
705 Other Mental Health Problem; Anxiety; Depression; Acute Abdominal Problem
706 Other Mental Health Problem; Depression; Chest Pain Non-Cardiac
707 Other Neurological Problem; Acute Abdominal Problem
708 Other Neurological Problem; Collapse Unknown Cause; Back Pain Non-Traumatic; Faint
709 Other Neurological Problem; Headache
710 Other Respiratory Problem; Acute Abdominal Problem
711 Other Respiratory Problem; Cardiac Chest Pain
712 Other Respiratory Problem; Chest Pain Non-Cardiac
713 Other Respiratory Problem; Constipation

- 714 Other Respiratory Problem; ECG Confirmed ST Segment Elevated MI
- 715 Other Respiratory Problem; Headache
- 716 Other Respiratory Problem; Headache; Collapse Unknown Cause; Collapse ? Cause
- 717 Other Respiratory Problem; Intentional Drug Overdose; Accidental Overdose / Poisoning
- 718 Panic / Anxiety Attack; Acute Abdominal Problem
- 719 Panic / Anxiety Attack; Cardiac Problem; Anxiety; Acute Abdominal Problem; Other
- 720 Respiratory Problem
- 721 Panic / Anxiety Attack; Chest Pain Non-Cardiac
- 722 Postpartum Haemorrhage
- 723 PV Bleed; Acute Abdominal Problem
- 724 PV Bleed; Collapse ? Cause; Faint / Dizziness; Acute Abdominal Problem
- 725 PV Bleed; Miscarriage
- 726 PV Bleed; Other Gynae Problem; Acute Abdominal Problem
- 727 Pyrexia Unknown Origin; Acute Abdominal Problem
- 728 Pyrexia Unknown Origin; Acute Abdominal Problem; Other Infection
- 729 Pyrexia Unknown Origin; Chest Pain Non-Cardiac
- 730 Pyrexia Unknown Origin; Headache
- 731 Pyrexia Unknown Origin; Headache; Other Infection
- 732 Pyrexia Unknown Origin; Headache; Urinary Tract Infection; Meningitis
- 733 Pyrexia Unknown Origin; Other Infection; Acute Abdominal Problem; Constipation
- 734 Pyrexia Unknown Origin; Urinary Tract Infection; Chest Infection; Acute Abdominal Problem
- 735 Query Intoxicated; Accidental Overdose / Poisoning
- 736 Sepsis; Eye Problem
- 737 Sickle Cell Crisis
- 738 Social Problem; Accidental Overdose / Poisoning
- 739 Stroke; Headache
- 740 Stroke; Headache; Other Neurological Problem; TIA
- 741 Suspected PE
- 742 Suspected PE; Anxiety
- 743 Suspected PE; Asthma
- 744 Suspected PE; Cardiac Chest Pain

745 Suspected PE; DVT
746 Suspected PE; Other Medical Problem
747 Suspected PE; Other Respiratory Problem
748 Suspected PE; Panic / Anxiety Attack
749 TIA; Headache
750 Transport Only; Acute Abdominal Problem
751 Unintentional Overdose; Accidental Overdose / Poisoning
752 Unknown Problem; Accidental Overdose / Poisoning
753 Unknown Problem; Acute Abdominal Problem
754 Unknown Problem; Acute Abdominal Problem; Faint / Dizziness; Faint; Anxiety
755 Unknown Problem; Chest Pain Non-Cardiac; Cardiac Chest Pain; Acute Abdominal Problem
756 Unknown Problem; Headache
757 Unknown Problem; Headache; Faint / Dizziness
758 Urinary Problem; Chest Pain Non-Cardiac
759 Urinary Problem; Headache
760 Urinary Tract Infection; Acute Abdominal Problem
761 Urinary Tract Infection; Acute Abdominal Problem; Urinary Problem
762 Urinary Tract Infection; Acute Abdominal Problem; Urinary Problem; Back Pain Non-
763 Traumatic
764 Urinary Tract Infection; Back Pain Non-Traumatic; Other Medical Problem
765
766
767