**SUPPLEMENTARY TABLES
Supplementary Table 1.** Presenting problems for ‘uncomplicated’ alcohol-related presentations to EDs (for ED presentations diagnosed with alcohol-related disorder (ICD-10-AM code F10)

|  |
| --- |
| **Presenting problem** |
| Acute intoxication |
| Altered level of consciousness |
| Altered sensation |
| Collapse |
| Dizziness/vertigo |
| Gait disturbance |
| Nausea/vomiting |
| Unplanned ED presentation |
| Unsettled |

**Supplementary Table 2.** Presenting problems for ‘other’ alcohol-related presentations to emergency departments (for ED presentations diagnosed with alcohol-related disorder (ICD-10-AM code F10)

|  |
| --- |
| **Presenting problem** |
| Abdo/pelvis/perineal pain | Dyspnoea  | Palpitations/abnormal heart rate |
| Abnormal heart rate | Emotional crisis | Pain |
| Abrasion | Environmental temperature | Pedestrian VS |
| Addiction/dependency | Epistaxis | Planned ED recall or overview |
| Aggression | Erythema/rash or other skin complaint | Post-ictal |
| Agitation | Face-other pain  | Psychiatric/behavioural |
| Alleged assault | Fall | Psychosis |
| Altered breathing | Fever/hyperthermia | Regional problems |
| Altered mental state/neurological symptoms | Fever/hypothermia  | Request medication/cert/result/procedure |
| Anxiety/agitation | Gastrointestinal  | Requesting investigation |
| Apnoea | GI bleed | Respiratory |
| Back pain | Hallucinations | Review/admissions |
| Behavioural | Head injury | Seizure |
| Behavioural problem | Headache | Self harm |
| Bleeding from | Hyper/hypoglycaemia  | Sexual assault |
| Bleeding not associated with acute injury  | Hypertension/hypotension | Skin/skin complaint |
| Blood in urine  | Hysterical | Sleep disturbance |
| Blunt injury | Immersion | SOB/IWOB/Wheeze |
| Bruising/other bleeding | Increased respiratory effort/distress | Social concern incl child protection |
| Burn/scald | Injury | Speech disturbance |
| Cardiac | Inpatient team review  | Suicidal attempt |
| Cardiac arrest | Intoxication | Suicidal ideation |
| Cardiac vascular | Known mental illness | Suicidal risk |
| Chest pain | Laceration/skin tear | Suicidal-homicidal ideation |
| Confusion/disorientation  | Limb/joint pain | Swallowing difficulty |
| Contusion | Mania | Swelling/lump |
| Cough/rhinorrhoea | MB/quadbike-driver | Symptoms signs |
| Crash other vehicle | Mental health  | Tachypnoea |
| Crying | Mood disturbance  | Tachycardia |
| CVA | Multi-trauma | Temperature stress |
| Cyanosis | MVC driver/passenger | Threatening behaviour |
| Cycle related | Neck/throat pain | Unresponsive |
| Delusions | Neurological  | Unplanned ED presentation |
| Dependence/harmful use | Non emergent/reviews | Unsteady |
| Depression | Non-emergent | Urinary symptoms |
| Diabetes/endocrine | Other | Vision loss |
| Diarrhoea  | Overdose accidental | Weakness |
| Difficulty walking | Overdose intentional | Weight gain/loss |
| Distended abdomen  | Overdose/toxic exposure | Wheeled device |
| Drug/alcohol/poisoning | Paediatric | Withdrawal |
| Dysphasia | Pain not associated with acute injury |  |

Cerebral Vascular Accident (CVA); Emergency Department (ED); Gastrointestinal (GI); Increased Work of Breathing (IWOB);
Motor Bike (MB); Motor Vehicle Car (MVC); Shortness Of Breath (SOB)

**Supplementary Table 3.** Public holidays considered: type and dates

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Type | New Years | Australia Day | Easter | ANZAC day | Labour Day | Queen’s Birthday | Christmas period |
| *Year/Dates* |  |  |  |  |  |  |  |
| 2016 | 01/01/1631/12/16 | 25/01/16†26/01/1627/01/16† | 25/03/16 26/03/1627/03/16 28/03/16 | 25/04/16 26/04/16† | 01/05/16† 02/05/16 03/05/16† | 30/09/2016†01/10/201602/10/16†  | 24/12/16 25/12/16 26/12/16 27/12/16† |
| 2017 | 01/01/17 31/12/17 | 25/01/17† 26/01/17 27/01/17† | 14/04/1715/04/17 16/04/1717/04/17 | 25/04/17 26/04/17† | 30/04/17† 01/05/17 02/05/17† | 01/10/17† 02/10/17 03/10/17† | 24/12/17 25/12/17 26/12/17 27/12/17† |
| 2018 | 01/01/18 31/12/18 | 25/01/18†26/01/18 27/01/18† | 30/03/18 31/03/18 01/04/18 02/04/18 | 25/04/18 26/04/18† | 06/05/18† 07/05/18 08/05/18† | 30/09/18† 01/10/18 02/10/18† | 24/12/18 25/12/18 26/12/18 27/12/18† |
| 2019 | 01/01/19 31/12/19 | 25/01/19† 26/01/19 27/01/19†  | 19/04/19 20/04/19 21/04/19 22/04/19 | 25/04/19 26/04/19† | 05/05/19† 06/05/19 07/05/19† | 06/10/19† 07/10/19 08/10/19† | 24/12/19 25/12/19 26/12/19 27/12/19† |
| 2020 | 01/01/20 31/12/20 | 25/01/20† 26/01/20 27/01/20† | 10/04/20 11/04/20 12/04/20 13/04/20 | 25/04/20 26/04/20† | 03/05/20† 04/05/20 05/05/20† | 04/10/20† 05/10/20 06/10/20† | 24/12/20 25/12/20 26/12/20 27/12/20† |
| †: day before / after the public holidayAustralian and New Zealand Army Corps (ANZAC) |

**Supplementary Table 4.** Sporting events considered: type and dates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | State of Origin | AFL Grand Final | Gold Coast Marathon | Gold Coast 500 |
| *Year/Date’s* |  |  |  |  |
| 2016 | 01/06/16 02/06/16† 22/06/16 23/06/16†13/07/16 14/07/16† | 01/10/1602/10/16† | 03/07/1604/07/16† | 21/10/16 22/10/1623/10/16 24/10/16† |
| 2017 | 31/05/1701/06/17†21/06/17 22/06/17†12/07/1713/07/17† | 30/09/1731/09/17† | 02/07/1703/07/17† | 20/10/17 21/10/1722/10/1723/10/17† |
| 2018 | 06/06/1807/06/18† 24/06/18 25/06/18†11/07/1812/07/18† | 29/09/1830/09/18† | 01/07/1802/07/18† | 20/10/1821/10/1822/10/18† |
| 2019 | 05/06/1906/06/19†23/06/19 24/06/19† 10/07/1911/07/19†  | 28/09/1929/09/19† | 07/07/19 08/07/19† | 26/10/19 27/10/1928/10/19† |
| 2020 | 04/11/2005/11/20†11/11/20 12/11/20†18/11/20 19/11/20† | 24/10/2025/10/20† | 04/07/2005/07/2006/07/20†  | 30/10/20 31/10/2001/11/2002/11/20† |
| †: day before / after the sporting event Australian Football League (AFL) |