

## What's new

- This edition has been extensively updated and revised

### General format changes

- Reduced wordiness throughout
- Increased use of plain English e.g. 'vital signs' replaces 'standard clinical observations'
- Increased use of flowcharts, tables and alert/red flag boxes
- 'Recommend/background' boxes now only include only critical/important points
- 'Related topics' boxes reduced

### COVID-19

- COVID-19 prompt in **Patient presentation - adult and child** topic, with advice to refer to local and state guidelines
- As COVID-19 continues to evolve, it has not been included in the PCCM

### Feedback

- Leave us [feedback](#) or email [pccm@health.qld.gov.au](mailto:pccm@health.qld.gov.au)

### Topic changes

| New topics   | Section  |
|--|--|
| <ul style="list-style-type: none"> <li>• Pulmonary embolism (PE)</li> <li>• Stinging tree</li> <li>• Domestic and family violence</li> </ul> | <ul style="list-style-type: none"> <li>• Emergency</li> </ul>                            |
| <ul style="list-style-type: none"> <li>• Shingles</li> <li>• Acutely swollen painful joints - adult</li> <li>• Gout</li> </ul>               | <ul style="list-style-type: none"> <li>• General</li> </ul>                              |
| <ul style="list-style-type: none"> <li>• Panic attack</li> </ul>   | <ul style="list-style-type: none"> <li>• Mental health and alcohol withdrawal</li> </ul> |

| Deleted topics  | Rationale/alternative  |
|---|--|
| <ul style="list-style-type: none"> <li>• Corneal ulceration</li> <li>• Acute iritis (anterior uveitis)</li> <li>• Acute glaucoma</li> </ul> | <ul style="list-style-type: none"> <li>• Now referred to in Eye differential diagnosis</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Acute hepatitis A</li> <li>• Acute hepatitis B</li> <li>• Acute hepatitis C</li> </ul>             | <ul style="list-style-type: none"> <li>• Now referred to in STI and BBV assessment and STI flowchart</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Episiotomy and repair of perineum</li> </ul>   | <ul style="list-style-type: none"> <li>• Integrated into Imminent birth</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Donovanosis</li> </ul>   | <ul style="list-style-type: none"> <li>• Rare. Now referred to in Anogenital ulcers/lumps</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Cholesteatoma</li> <li>• Acute mastoiditis</li> </ul>  | <ul style="list-style-type: none"> <li>• Now referred to in Ear assessment and Ear differential diagnosis (if suspected, to consult MO/NP)</li> </ul>      |
| <ul style="list-style-type: none"> <li>• Child with chronic diarrhoea</li> <li>• Lactose intolerance</li> </ul>                             | <ul style="list-style-type: none"> <li>• Now referred to in Gastroenteritis/dehydration - child (eg as MO/NP follow up if diarrhoea persisting)</li> </ul> |
| <ul style="list-style-type: none"> <li>• Sexual health immunisation</li> </ul>  | <ul style="list-style-type: none"> <li>• Now integrated in Immunisations</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Safe use of paracetamol</li> </ul>   | <ul style="list-style-type: none"> <li>• Now integrated in paracetamol drug box in Acute pain</li> </ul>   |

| Moved topics                         | Now located                     |
|--------------------------------------|---------------------------------|
| • Button battery ingestion/insertion | • Emergency section             |
| • Hypertensive emergency             | • After Acute pulmonary oedema  |
| • Traumatic rupture of eardrum       | • Emergency section             |
| • Foreign body in ear or nose        | • Emergency section             |
| • Sexual assault                     | • Emergency section             |
| • Neonatal resuscitation             | • After Imminent birth          |
| • Syphilis                           | • After Anogenital ulcers/lumps |
| • Spider bites (other)               | • After Red-back spider bite    |
| • Pertussis                          | • After pneumonia               |

| Combined topics   |   |
|---|---|
| Previous  | Now   |
| <ul style="list-style-type: none"> <li>• Subarachnoid haemorrhage (spontaneous)</li> <li>• Acute and chronic headache</li> </ul>  | <ul style="list-style-type: none"> <li>• Headache</li> </ul>                                |
| <ul style="list-style-type: none"> <li>• Burns (general)</li> <li>• Major burns</li> </ul>  | <ul style="list-style-type: none"> <li>• Burns</li> </ul>                                   |
| <ul style="list-style-type: none"> <li>• All toxicology and overdose topics</li> <li>• Acute alcohol intoxication</li> <li>• Other drugs/substances</li> </ul>  | <ul style="list-style-type: none"> <li>• Poisoning and overdose</li> </ul>                  |
| <ul style="list-style-type: none"> <li>• Fish stings</li> <li>• Sting ray injuries</li> <li>• Sea urchin injuries</li> </ul>  | <ul style="list-style-type: none"> <li>• Penetrating marine injuries</li> </ul>             |
| <ul style="list-style-type: none"> <li>• Blunt eye</li> <li>• Penetrating eye injury</li> </ul>   | <ul style="list-style-type: none"> <li>• Eye injury</li> </ul>                              |
| <ul style="list-style-type: none"> <li>• Conjunctivitis</li> <li>• Bacterial conjunctivitis</li> <li>• Viral conjunctivitis</li> <li>• Allergic conjunctivitis</li> <li>• Acute gonococcal and chlamydial conjunctivitis</li> </ul> | <ul style="list-style-type: none"> <li>• Conjunctivitis</li> </ul>                          |
| <ul style="list-style-type: none"> <li>• Foot infection in patient with diabetes</li> <li>• Osteomyelitis in the foot of a patient with diabetes</li> </ul>   | <ul style="list-style-type: none"> <li>• Diabetic foot infection ± osteomyelitis</li> </ul> |
| <ul style="list-style-type: none"> <li>• Ross River virus and Barmah Forest virus</li> <li>• Dengue fever</li> </ul>  | <ul style="list-style-type: none"> <li>• Mosquito borne diseases</li> </ul>                 |
| <ul style="list-style-type: none"> <li>• Mental health assessment</li> <li>• Acute severe behavioural disturbance (ASBD)</li> <li>• Interventions in non-consenting patients</li> <li>• De-escalation techniques</li> </ul>         | <ul style="list-style-type: none"> <li>• Mental health emergency</li> </ul>                 |
| <ul style="list-style-type: none"> <li>• Suicidal behaviour</li> <li>• Suicide risk assessment</li> </ul>   | <ul style="list-style-type: none"> <li>• Suicidal behaviour</li> </ul>                      |
| <ul style="list-style-type: none"> <li>• Sub-dermal progestogen implant</li> <li>• Intrauterine contraceptive device (IUCD)</li> <li>• Barrier methods of contraception</li> </ul>  | <ul style="list-style-type: none"> <li>• Contraception options</li> </ul>                   |
| <ul style="list-style-type: none"> <li>• Medication reconciliation</li> <li>• Best possible medication history (BPMH)</li> </ul>  | <ul style="list-style-type: none"> <li>• Best possible medication history (BPMH)</li> </ul> |

## Renamed topics

| Previous   | Now   |
|--|---|
| • Acute pain management  | • Acute pain                                |
| • DRS ABCD resuscitation/the collapsed patient                             | • Basic life support (BLS)                  |
| • Intraosseous infusion  | • Intraosseous access                       |
| • Foreign body airway obstruction (choking)                                | • Choking (Foreign body airway obstruction) |
| • Fits/convulsions/seizures  | • Fitting                                   |
| • Hyperglycaemia   | • Diabetic ketoacidosis (DKA)               |
| • Acute pulmonary oedema   | • Acute pulmonary oedema (cardiac causes)   |
| • Acute hypertensive crisis  | • Hypertensive emergency                    |
| • Cardiac arrhythmias  | • Arrhythmias                               |
| • Compound fractures   | • Open (compound) fractures                 |
| • Fractured mandible/jaw   | • Fractured jaw                             |
| • Chemical burns   | • Chemical contact burns                    |
| • Heat exhaustion/heat stroke/hyperthermia                                 | • Hyperthermia                              |
| • Foreign body/insect in ear   | • Foreign body in ear or nose               |
| • Acute gastroenteritis/dehydration (adult and child)                      | • Gastroenteritis/dehydration               |
| • Alcohol related epigastric pain  | • Gastritis                                 |
| • Snake bite including sea snake   | • Snake bite                                |
| • Spider bite (general)  | • Spider bites (other)                      |
| • Box jellyfish (chironex fleckeri) envenomation                           | • Box jellyfish stings                      |
| • Rape and sexual assault  | • Sexual assault                            |
| • Dental abscess   | • Tooth abscess                             |
| • Post extraction haemorrhage  | • Post tooth extraction bleeding            |
| • Alveolar osteitis (dry socket)   | • Dry socket                                |
| • Periodontal disease  | • Gum disease                               |
| • Candidiasis (oral thrush)  | • Oral thrush                               |
| • Assessment of the eye  | • Eye assessment                            |
| • Red or painful eye   | • Eye differential diagnosis                |
| • Orbital cellulitis/periorbital cellulitis                                | • Orbital/periorbital cellulitis            |
| • Folliculitis/furunculosis (boils)/carbuncles                             | • Boils                                     |
| • Behavioural and psychological symptoms of dementia (BPSD)                | • Dementia                                  |
| • Psychosis, schizophrenia, drug-induced psychosis and puerperal psychosis | • Psychosis                                 |
| • Depression, mania and anxiety  | • Mood disorders                            |
| • Unintended pregnancy   | • Termination of pregnancy (ToP)            |
| • Rh (d) immunoglobulin (anti-D) prophylaxis                               | • Rh D immunoglobulin                       |
| • Preterm prelabour rupture of membranes                                   | • Prelabour rupture of membranes (PROM)     |
| • Immediate care of the newborn  | • Care of the newborn                       |
| • Umbilical cord prolapse or presentation                                  | • Cord prolapse                             |
| • Contraception  | • Contraception options                     |
| • Combined oral contraceptive pill/vaginal ring                            | • Combined oral contraceptive pill (COCP)   |

**Renamed topics** - continued

| Previous   | Now   |
|--|---|
| <ul style="list-style-type: none"> <li>Sexually transmitted infections general</li> </ul>  | <ul style="list-style-type: none"> <li>STI and BBV assessment</li> </ul>                          |
| <ul style="list-style-type: none"> <li>Low abdominal pain in female</li> </ul>   | <ul style="list-style-type: none"> <li>Low abdominal pain in female/person with uterus</li> </ul> |
| <ul style="list-style-type: none"> <li>Genital sores/ulcers</li> </ul>   | <ul style="list-style-type: none"> <li>Anogenital ulcers/lumps</li> </ul>                         |
| <ul style="list-style-type: none"> <li>Genital warts</li> </ul>  | <ul style="list-style-type: none"> <li>Anogenital warts</li> </ul>                                |
| <ul style="list-style-type: none"> <li>Ear and hearing assessment</li> </ul>   | <ul style="list-style-type: none"> <li>Ear assessment</li> </ul>                                  |
| <ul style="list-style-type: none"> <li>Ear infections (general)</li> </ul>   | <ul style="list-style-type: none"> <li>Ear differential diagnosis</li> </ul>                      |
| <ul style="list-style-type: none"> <li>Acute otitis media (AOM) with/without perforation</li> </ul>  | <ul style="list-style-type: none"> <li>Acute otitis media (AOM)</li> </ul>                        |
| <ul style="list-style-type: none"> <li>Otitis externa</li> </ul>   | <ul style="list-style-type: none"> <li>Otitis externa (acute)</li> </ul>                          |
| <ul style="list-style-type: none"> <li>Intestinal worms</li> </ul>   | <ul style="list-style-type: none"> <li>Worms</li> </ul>   |
| <ul style="list-style-type: none"> <li>Bone and joint infections - child</li> </ul>  | <ul style="list-style-type: none"> <li>Acutely swollen/painful joint - child</li> </ul>           |
| <ul style="list-style-type: none"> <li>Administration tips for benzathine benzylpenicillin (Bicillin LA®) and procaine benzylpenicillin (procaine penicillin)</li> </ul> | <ul style="list-style-type: none"> <li>Managing injection pain</li> </ul>                         |
| <ul style="list-style-type: none"> <li>Notification of a patient death</li> </ul>  | <ul style="list-style-type: none"> <li>Patient death in absence of medical officer</li> </ul>     |

**Separated topics**

| Previous  | Now   |
|---|---|
| <ul style="list-style-type: none"> <li>Sore throat, tonsillitis, pharyngitis in Upper respiratory tract infection (URTI) - adult</li> </ul> | <ul style="list-style-type: none"> <li>Sore throat</li> </ul>                                   |
| <ul style="list-style-type: none"> <li>Croup/epiglottitis</li> </ul>  | <ul style="list-style-type: none"> <li>Croup</li> <li>Epiglottitis</li> </ul>                   |
| <ul style="list-style-type: none"> <li>Foreign body/corneal abrasion</li> </ul>   | <ul style="list-style-type: none"> <li>Foreign body in eye</li> <li>Corneal abrasion</li> </ul> |

**Topic content and practice changes**

- This is a brief overview of changes to topics and practice. It is not intended to include all changes to practice

**Patient assessment and transport**

| Topic  | Change   |
|--|--|
| <ul style="list-style-type: none"> <li>Patient presentation - adult and child</li> </ul> | <ul style="list-style-type: none"> <li>To follow local policy if any COVID-19 signs or symptoms</li> </ul> |

**Pain, nausea and vomiting**

| Topic  | Change  |
|--|---|
| <ul style="list-style-type: none"> <li>Acute pain</li> </ul> | <ul style="list-style-type: none"> <li>Fentanyl drug box - intranasal route added</li> <li>Naloxone drug box - intranasal route added. IV dose altered</li> </ul> |

| Emergency   |   |
|---|---|
| Topic   | Change  |
| <ul style="list-style-type: none"> <li>• Basic life support (BLS)</li> </ul>              | <ul style="list-style-type: none"> <li>• Rate of ventilations to compressions for child now 2:15 if paediatric BLS trained</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Advanced life support (ALS)</li> </ul>           | <ul style="list-style-type: none"> <li>• Estimated weight for age table added</li> <li>• Diagrams of rhythms removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Oxygen delivery</li> </ul>                       | <ul style="list-style-type: none"> <li>• Continuous positive airway pressure (CPAP) added</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Laryngeal mask airway (LMA) insertion</li> </ul> | <ul style="list-style-type: none"> <li>• Focus now on i-gel® airway</li> <li>• New diagrams and instructions for i-gel®</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Intraosseous access</li> </ul>                   | <ul style="list-style-type: none"> <li>• New diagrams of insertion sites</li> <li>• Pain management for infusion amended</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Sepsis/septic shock</li> </ul>                   | <ul style="list-style-type: none"> <li>• Continues to align with rural and remote sepsis pathways (Qld)</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Meningitis</li> </ul>                            | <ul style="list-style-type: none"> <li>• Management also linked to rural and remote sepsis pathways (Qld)</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Button battery ingestion/insertion</li> </ul>    | <ul style="list-style-type: none"> <li>• Oral honey if ingestion suspected (plus urgent x-ray and removal)</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Anaphylaxis</li> </ul>                           | <ul style="list-style-type: none"> <li>• Adrenaline (epinephrine) autoinjector 0.5 mg strength added</li> <li>• Flowchart removed from topic (is on back page insert)</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Hypoglycaemia</li> </ul>                         | <ul style="list-style-type: none"> <li>• IV glucose 10% now for adults + child (50% removed)</li> <li>• Glucose gel added as option for conscious adult</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Acute asthma</li> </ul>                          | <ul style="list-style-type: none"> <li>• Salbutamol drug boxes combined</li> <li>• Step 3 “reassess severity” table simplified</li> <li>• Flowcharts/topic generally amended</li> <li>• Methylprednisolone drug box removed</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Acute coronary syndrome (ACS)</li> </ul>         | <ul style="list-style-type: none"> <li>• Options for re-perfusion reordered to preferred option first (evacuation for stent)</li> <li>• Enoxaparin drug box - subcut route included</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Hypertensive emergency</li> </ul>                | <ul style="list-style-type: none"> <li>• Assessment and management table added</li> <li>• More detailed management</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Electrocutation/electric shock</li> </ul>        | <ul style="list-style-type: none"> <li>• Emphasis on safety first, with more guidance on high voltage and household electricity safety</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Acute lower leg ischaemia</li> </ul>             | <ul style="list-style-type: none"> <li>• Guidance around heparin use in rural and remote areas/alternative options</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Deep vein thrombosis (DVT)</li> </ul>            | <ul style="list-style-type: none"> <li>• Wells score if DVT suspected added to assist assessment</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Traumatic injuries</li> </ul>                    | <ul style="list-style-type: none"> <li>• Removed to check for tracheal deviation as sign of tension pneumothorax (very difficult to assess)</li> <li><b>Added:</b></li> <li>• Haemostatic dressing for catastrophic haemorrhage</li> <li>• Tranexamic acid drug box</li> <li>• Trauma in pregnancy</li> <li>• Head to toe assessment reformatted/more detailed</li> </ul> |
| <ul style="list-style-type: none"> <li>• Chest injuries</li> </ul>                        | <ul style="list-style-type: none"> <li>• Additional site for needle decompression added</li> <li>• Tables reformatted (now ‘blunt trauma’ and ‘penetrating trauma’)</li> </ul>  |

| Emergency  |   |
|--|---|
| Topic  | Change  |
| <ul style="list-style-type: none"> <li>Head injuries</li> </ul>                          | <ul style="list-style-type: none"> <li>Clinical assessment more detailed</li> <li>Head injury risk factor tables updated</li> <li>Head injury advice updated</li> <li>General format of topic changed</li> </ul> <p><b>Deleted</b></p> <ul style="list-style-type: none"> <li>Decision making for escalation and CT scanning flowchart</li> </ul> |
| <ul style="list-style-type: none"> <li>Spinal injuries</li> </ul>                        | <p><b>Added</b></p> <ul style="list-style-type: none"> <li>Use of thoracic elevation device (TED) for child</li> <li>Moving patient with spinal injury</li> </ul>   |
| <ul style="list-style-type: none"> <li>Abdominal injuries</li> </ul>                     | <ul style="list-style-type: none"> <li>Pregnant woman advice added</li> <li>Advice re exposed bowel amended</li> </ul>  |
| <ul style="list-style-type: none"> <li>Open (compound) fractures</li> </ul>              | <ul style="list-style-type: none"> <li>Give antibiotics within 3 hours. New drug boxes added</li> </ul>   |
| <ul style="list-style-type: none"> <li>Fractured jaw</li> </ul>                          | <ul style="list-style-type: none"> <li>Drug boxes removed, as antibiotic prophylaxis is not required for closed or open facial fractures that do not require surgical management</li> </ul>   |
| <ul style="list-style-type: none"> <li>Acute wounds</li> </ul>                           | <ul style="list-style-type: none"> <li>Clean wounds can now be closed at 12–18 hours, or 24 hours if head wound</li> <li>Removed diagram 'making a vertical mattress suture'</li> </ul> <p><b>Added</b></p> <ul style="list-style-type: none"> <li>Hair apposition technique</li> <li>Laceraine® as local anaesthetic option</li> </ul>           |
| <ul style="list-style-type: none"> <li>Water related wounds</li> </ul>                   | <ul style="list-style-type: none"> <li>Antibiotic guidance clearer</li> <li>Trimethoprim + sulfamethoxazole and metronidazole drug boxes added</li> <li>Clindamycin drug box removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>Human (tooth knuckle) and animal bites</li> </ul> | <ul style="list-style-type: none"> <li>Antibiotic guidance clearer - for presumptive treatment or for a localised infection</li> <li>Trimethoprim + sulfamethoxazole drug box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Burns</li> </ul>                                  | <ul style="list-style-type: none"> <li>Now includes immediate management for all presentations and management for major burns</li> <li>Burns dressing table moved to minor burns and simplified</li> </ul>  |
| <ul style="list-style-type: none"> <li>Chemical burns</li> </ul>                         | <ul style="list-style-type: none"> <li>Emphasis on toxicity and PPE</li> <li>Calcium gluconate drug box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Hypothermia</li> </ul>                            | <ul style="list-style-type: none"> <li>Emphasis on handling gently to avoid arrhythmias</li> </ul>  |
| <ul style="list-style-type: none"> <li>Hyperthermia</li> </ul>                           | <ul style="list-style-type: none"> <li>Now includes drug associated management</li> </ul>   |
| <ul style="list-style-type: none"> <li>Nose bleed/epistaxis</li> </ul>                   | <ul style="list-style-type: none"> <li>Clearer immediate management and guidance on using nasal packs. Rapid Rhino® recommended</li> <li>Removed nasal tampon</li> </ul>  |
| <ul style="list-style-type: none"> <li>Traumatic rupture of eardrum</li> </ul>           | <ul style="list-style-type: none"> <li>Added slap as possible cause + consider domestic and family violence</li> </ul>  |
| <ul style="list-style-type: none"> <li>Foreign body in ear or nose</li> </ul>            | <ul style="list-style-type: none"> <li>Instructions on how to remove from ear and nose added</li> <li>Lidocaine (lignocaine) removed (as risk if eardrum perforated)</li> </ul>   |
| <ul style="list-style-type: none"> <li>Gastroenteritis/dehydration</li> </ul>            | <ul style="list-style-type: none"> <li>Removed 'Management of adult dehydration flowchart'</li> <li>Hydration assessment now in immediate management</li> </ul>   |

## Emergency

| Topic  | Change   |
|--|--|
| <ul style="list-style-type: none"> <li>• Gastritis</li> </ul>                          | <ul style="list-style-type: none"> <li>• Emphasis on Helicobacter pylori infection</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Renal colic</li> </ul>                        | <ul style="list-style-type: none"> <li>• Removed 'strain all urine' as not practical in remote settings</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Testicular/scrotal pain</li> </ul>            | <ul style="list-style-type: none"> <li>• More detailed table to assess testicular pain</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Poisoning and overdose</li> </ul>             | <ul style="list-style-type: none"> <li>• Reformatted to include all toxins within one topic</li> <li>• Removed QT interval nomogram</li> <li>• Naloxone drug box moved to this topic. Includes intranasal route and dose changed</li> <li>• Acetylcysteine drug box moved to this topic</li> </ul> |
| <ul style="list-style-type: none"> <li>• Funnel-web (big black) spider bite</li> </ul> | <ul style="list-style-type: none"> <li>• 'Distribution of funnel-web spiders' diagram removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Sexual assault</li> </ul>                     | <ul style="list-style-type: none"> <li>• 'Just in case' forensic examination added</li> </ul>  |

## General

| Topic  | Change   |
|--|--|
| <ul style="list-style-type: none"> <li>• Urticaria, allergic rhinitis</li> </ul>             | <ul style="list-style-type: none"> <li>• Budesonide, loratadine and promethazine Drug boxes removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Upper respiratory tract infection (URTI)</li> </ul> | <ul style="list-style-type: none"> <li>• Antibiotics not indicated - drug boxes removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Pneumonia</li> </ul>                                | <ul style="list-style-type: none"> <li>• Melioidosis to be considered during tropical wet season</li> <li>• Amoxicillin, procaine benzylpenicillin and doxycycline drug boxes added</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Trauma to teeth</li> </ul>                          | <ul style="list-style-type: none"> <li>• Clindamycin drug box removed</li> <li>• Clearer advice on management of knocked out or broken tooth</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Toothache</li> </ul>                                | <ul style="list-style-type: none"> <li>• Reformatted table and flowchart, into a single 'common causes of dental pain' table</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Mouth ulcers</li> </ul>                             | <ul style="list-style-type: none"> <li>• Ulcers potentially serious if over 2 weeks (instead of 3 weeks)</li> <li>• Salt water is recommended for rinsing mouth</li> <li>• Seda lotion® drug box moved from toothache to here</li> </ul> |
| <ul style="list-style-type: none"> <li>• Tooth abscess</li> </ul>                            | <ul style="list-style-type: none"> <li>• Detailed management flowchart</li> <li>• Amoxicillin + clavulanic acid now first option treatment rather than amoxicillin</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Gum disease</li> </ul>                              | <ul style="list-style-type: none"> <li>• Acute ulcerative gingivitis now called necrotising gingivitis</li> <li>• Chlorhexidine gluconate mouthwash drug box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Eye assessment</li> </ul>                           | <ul style="list-style-type: none"> <li>• Eye images added</li> <li>• Eye tips moved to beginning of topic</li> <li>• Clearer assessment</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Eye differential diagnosis</li> </ul>               | <ul style="list-style-type: none"> <li>• Ocular emergencies identified with escalation to MO/NP</li> <li>• Non-lethal strangulation alert added (may have eye symptoms)</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Foreign body in eye</li> </ul>                      | <ul style="list-style-type: none"> <li>• 18 G needle removed as option for removal, as most foreign bodies are dislodged/removed with flush or wipe</li> </ul>   |

| General  |   |
|--|---|
| Topic  | Change  |
| <ul style="list-style-type: none"> <li>Orbital/periorbital cellulitis</li> </ul>                         | <ul style="list-style-type: none"> <li>Trimethoprim + sulfamethoxazole and cefotaxime drug boxes added</li> <li>Ceftriaxone, flucloxacillin, cefalexin, amoxicillin + clavulanic acid and clindamycin drug boxes removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>Conjunctivitis</li> </ul>   | <ul style="list-style-type: none"> <li>New flowchart for assessment of suspected conjunctivitis</li> <li>Chloramphenicol and azithromycin drug boxes added</li> <li>Can now give chloramphenicol if child <math>\leq</math> 2 years</li> </ul>  |
| <ul style="list-style-type: none"> <li>Urinary tract infection</li> </ul>                                | <ul style="list-style-type: none"> <li>If nitrites or leucocytes on urinalysis but no urinary symptoms do not do MSU or give antibiotics</li> </ul>   |
| <ul style="list-style-type: none"> <li>Impetigo</li> </ul>   | <ul style="list-style-type: none"> <li>Give antibiotics for all impetigo, regardless of severity</li> <li>Do swab for MCS in all cases</li> <li>Emphasis on prevention of impetigo</li> <li>Clearer advice for antibiotics if in remote vs non remote community</li> <li>Option for daily supervised oral antibiotic if adherence an issue</li> <li>Mupirocin drug box added (only applicable in non-remote areas)</li> </ul> |
| <ul style="list-style-type: none"> <li>Boils</li> </ul>  | <ul style="list-style-type: none"> <li>Clearer guidance on when antibiotics indicated/when to take a swab for MCS</li> <li>Flucloxacillin and cefalexin drug boxes added</li> </ul>   |
| <ul style="list-style-type: none"> <li>Cellulitis</li> </ul>   | <ul style="list-style-type: none"> <li>Clearer guidance on antibiotics</li> <li>Trimethoprim + sulfamethoxazole drug box added</li> <li>Phenoxymethylpenicillin, procaine benzylpenicillin, clindamycin, ceftazidime and probenecid drug boxes removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>Tinea/ringworm</li> </ul>   | <ul style="list-style-type: none"> <li>Removed clotrimazole drug box, as already have 2 options</li> </ul>  |
| <ul style="list-style-type: none"> <li>Candidiasis (skin)</li> </ul>                                     | <ul style="list-style-type: none"> <li>Removed clotrimazole drug box, as already have miconazole as option</li> </ul>   |
| <ul style="list-style-type: none"> <li>Scabies</li> </ul>  | <ul style="list-style-type: none"> <li>Benzyl benzoate added as an option for Norwegian scabies or alternative for scabies if Lyclear® not working</li> </ul>   |
| <ul style="list-style-type: none"> <li>Head lice/nits</li> </ul>   | <ul style="list-style-type: none"> <li>Alternative topical insecticides suggested, as permethrin no longer available</li> </ul>   |
| <ul style="list-style-type: none"> <li>Diabetic foot infection <math>\pm</math> osteomyelitis</li> </ul> | <ul style="list-style-type: none"> <li>Trimethoprim + sulfamethoxazole drug box added (still on MO/NP order)</li> <li>Other drug boxes removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>Chronic wounds</li> </ul>   | <p><b>Removed</b></p> <ul style="list-style-type: none"> <li>'Assessment of venous, arterial and neuropathic lower limb ulcers' table</li> <li>'Guidelines for management of chronic wounds' flowchart</li> </ul>   |
| <ul style="list-style-type: none"> <li>Mosquito borne diseases</li> </ul>                                | <ul style="list-style-type: none"> <li>Malaria added as a consideration in Torres Strait or travel to endemic area</li> </ul>   |



## Mental health and alcohol withdrawal

| Topic  | Change   |
|--|--|
| <ul style="list-style-type: none"> <li>• <b>This section has had an extensive rewrite</b></li> <li>• 'Substance misuse' now only incorporates Alcohol withdrawal</li> <li>• Substance misuse e.g. sniffing, amphetamines, is now incorporated in Poisoning and overdose</li> </ul> |  |
| <ul style="list-style-type: none"> <li>• Mental health emergency</li> </ul>  | <ul style="list-style-type: none"> <li>• Topic now intended as starting point for all mental health presentations</li> <li>• 'Mental state examination' less wordy</li> <li>• Non consenting patient and sedation now incorporated in this topic</li> <li>• Diazepam drug box - additional doses for medically frail adult and child/adolescent</li> <li>• Olanzapine drug box - additional dose for medically frail adult</li> <li>• Droperidol drug box added</li> <li>• 'Mental Health Team response time' table added under Follow up</li> </ul> |
| <ul style="list-style-type: none"> <li>• Suicidal behaviour</li> </ul>   | <ul style="list-style-type: none"> <li>• 'Questions about suicidal thoughts' table revised</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Alcohol withdrawal</li> </ul>   | <ul style="list-style-type: none"> <li>• Alcohol withdrawal scale added</li> <li>• Emphasis on giving Thiamine</li> <li>• Thiamine drug box added</li> <li>• Diazepam drug box inclusive of doses according to severity of withdrawal</li> </ul>   |

## Obstetrics and neonatal

| Topic  | Change   |
|--|--|
| <ul style="list-style-type: none"> <li>• Antenatal care</li> </ul>                             | <ul style="list-style-type: none"> <li>• COVID-19 vaccine recommended at any time during pregnancy</li> <li>• Integration of Safer Baby Bundle to help prevent still birth eg: <ul style="list-style-type: none"> <li>– sleeping on side</li> <li>– emphasis on fetal movements</li> </ul> </li> <li>• Syphilis - extra screening if high/increased risk factors (table included)</li> </ul> |
| <ul style="list-style-type: none"> <li>• Urinary tract infection (UTI) in pregnancy</li> </ul> | <ul style="list-style-type: none"> <li>• Antibiotics for pyelonephritis now gentamicin and ampicillin</li> <li>• Ceftriaxone drug box removed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Hypertension in pregnancy</li> </ul>                  | <ul style="list-style-type: none"> <li>• Hypertension severity now categorised as mild to moderate, severe, or medical emergency</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Preeclampsia/eclampsia</li> </ul>                     | <ul style="list-style-type: none"> <li>• Midazolam drug box added</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Imminent birth</li> </ul>                             | <ul style="list-style-type: none"> <li>• Refer to Neonatal resuscitation for all births for care of baby</li> <li>• Episiotomy now at 60° rather than 45°</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Care of newborn</li> </ul>                            | <ul style="list-style-type: none"> <li>• Inclusion of heel prick sites image</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Primary postpartum haemorrhage (PPH)</li> </ul>       | <ul style="list-style-type: none"> <li>• Carboprost may be ordered by MO/NP</li> <li>• Misoprostol drug box - buccal route removed</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Postnatal check</li> </ul>                            | <ul style="list-style-type: none"> <li>• Syphilis in pregnancy follow up included</li> </ul>   |

## Sexual and reproductive health

| Topic   | Change  |
|---|---|
| <ul style="list-style-type: none"> <li>Combined oral contraceptive pill (COCP)</li> </ul>           | <ul style="list-style-type: none"> <li>Clinical assessment now focuses on supply of a COCP that has been prescribed rather than initial assessment</li> <li>Drug box just includes Levonorgestrel + ethinylestradiol 150/30 microg as this is what is most commonly available in rural and remote facilities in Qld (not because this is preferred)</li> <li>Vaginal ring removed from topic - is included in Contraception options topic instead</li> </ul>  |
| <ul style="list-style-type: none"> <li>Progestogen only pill (POP)</li> </ul>                       | <ul style="list-style-type: none"> <li>Clinical assessment now focuses on supply of a POP that has been prescribed rather than initial assessment</li> </ul>  |
| <ul style="list-style-type: none"> <li>STI and BBV assessment</li> </ul>                            | <ul style="list-style-type: none"> <li>Asymptomatic check-up table updated</li> <li>Only test for Hep C if risk factors</li> <li>Hep C risk factors added under history</li> <li>HIV pretest consent is now as with any other pathology test</li> <li>Asymptomatic testing - trichomonas to be tested in Aboriginal and Torres Strait Islander males (as well as all females)</li> <li>Symptomatic testing - m.genitalium to be tested in all males. In females only if cervicitis or pelvic pain present</li> <li>'How to collect swabs/urine' table added</li> <li>Presumptive treatment (except for syphilis) only if follow up not likely (otherwise wait for pathology results)</li> <li>Contact tracing/partner notification table updated</li> </ul> |
| <ul style="list-style-type: none"> <li>STI/BBV flowchart</li> </ul>                                 | <ul style="list-style-type: none"> <li>Hepatitis A, B and C added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Chlamydia, gonorrhoea, trichomonas, m. genitalium</li> </ul> | <ul style="list-style-type: none"> <li>'Treatment guide' table updated</li> <li>Chlamydia now treated with doxycycline (preferred) (or azithromycin)</li> <li>M. genitalium - day 8 stat dose of azithromycin is now a 3 day course</li> <li>Amoxicillin and probenecid included as an option for gonorrhoea treatment if advised by antimicrobial stewardship or sexual health specialist</li> <li>Tinidazole drug box removed (no longer available)</li> <li>Test of cure advice in follow up</li> </ul>  |
| <ul style="list-style-type: none"> <li>Vaginal thrush (candidiasis)</li> </ul>                      | <ul style="list-style-type: none"> <li>Clotrimazole drug box - 500 mg single dose option added</li> </ul>   |
| <ul style="list-style-type: none"> <li>Low abdominal pain in female/person with uterus</li> </ul>   | <ul style="list-style-type: none"> <li>Clearer advice on presumptive treatment of mild to moderate pelvic inflammatory disease</li> <li>In follow up, if m. genitalium on pathology, moxifloxacin may be ordered by MO/NP</li> </ul>  |
| <ul style="list-style-type: none"> <li>Anogenital ulcers/lumps</li> </ul>                           | <ul style="list-style-type: none"> <li>'Management flowchart for genital ulcer disease GUD' removed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Genital herpes simplex virus (HSV)</li> </ul>                | <ul style="list-style-type: none"> <li>Aciclovir drug box replaced with famciclovir</li> <li>Advice to offer supply of medication to patient to enable patient to treat at onset of symptoms</li> </ul>   |
| <ul style="list-style-type: none"> <li>Human immunodeficiency virus (HIV)</li> </ul>                | <ul style="list-style-type: none"> <li>Consent for testing same as any other pathology test</li> <li>Topic now focus on three components - Testing, Pre-Exposure and Post-Exposure Prophylaxis</li> </ul>   |

| Paediatrics   |  |
|---|--|
| Topic   | Change   |
| <ul style="list-style-type: none"> <li>History and physical examination</li> </ul>                    | <ul style="list-style-type: none"> <li>Vital signs now approximate normal values rather than zero values from the Children's Early Warning Tools</li> <li>Be button battery aware added</li> </ul>   |
| <ul style="list-style-type: none"> <li>Differential diagnosis flowcharts</li> </ul>                   | <ul style="list-style-type: none"> <li>Child with fever - added:               <ul style="list-style-type: none"> <li>septic arthritis, sore throat and bronchiolitis as differential diagnoses</li> <li>how to treat fever</li> </ul> </li> </ul>   |
| <ul style="list-style-type: none"> <li>Upper respiratory tract infection (URTI)</li> </ul>            | <ul style="list-style-type: none"> <li>Antibiotics removed (amoxicillin drug box)</li> </ul>   |
| <ul style="list-style-type: none"> <li>Sore throat</li> </ul>   | <ul style="list-style-type: none"> <li>Now for adults as well as children</li> <li>Emphasis on giving antibiotics promptly to people at high risk of acute rheumatic fever and acute post streptococcal glomerulonephritis</li> <li>Added               <ul style="list-style-type: none"> <li>differential diagnosis table</li> <li>antibiotic decision making flowchart</li> </ul> </li> </ul>   |
| <ul style="list-style-type: none"> <li>Croup</li> </ul>   | <ul style="list-style-type: none"> <li>RNs and RIPRNs can initiate adrenaline NEB in severe cases</li> <li>Ceftriaxone drug box removed (was there for epiglottitis, which is now treated as sepsis)</li> </ul>  |
| <ul style="list-style-type: none"> <li>Bronchiolitis</li> </ul>                                       | <ul style="list-style-type: none"> <li>Severity assessment table added</li> <li>Advice to parents/carers box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Pneumonia</li> </ul>   | <ul style="list-style-type: none"> <li>Severity assessment table updated</li> <li>Amoxicillin drug box added</li> <li>Advice to parents/carers box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Pertussis</li> </ul>   | <ul style="list-style-type: none"> <li>Azithromycin drug box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Epiglottitis</li> </ul>  | <ul style="list-style-type: none"> <li>To treat as per sepsis</li> </ul>   |
| <ul style="list-style-type: none"> <li>Acute post streptococcal glomerulonephritis (APSGN)</li> </ul> | <ul style="list-style-type: none"> <li>Alternative antibiotic if allergy to penicillin changed to trimethoprim + sulfamethoxazole</li> </ul>   |
| <ul style="list-style-type: none"> <li>Acute rheumatic fever (ARF)</li> </ul>                         | <ul style="list-style-type: none"> <li>High risk populations now include Maori, Pacific Islander people, migrant groups and prior history of ARF + aged &lt; 40</li> <li>Carditis symptoms added</li> <li>Immediate management now includes strict bed rest if signs of carditis</li> <li>ARF Diagnosis calculator App recommended</li> <li>Reference to new Qld suspected ARF clinical pathway</li> <li>Alternative antibiotics (cefalexin and azithromycin) added in case of allergy to Bicillin LA®</li> <li>PR interval upper limit age group amended</li> </ul> |
| <ul style="list-style-type: none"> <li>Ear assessment</li> </ul>                                      | <ul style="list-style-type: none"> <li>Significant re-write</li> <li>New image of normal tympanic membrane</li> </ul>  |
| <ul style="list-style-type: none"> <li>Ear differential diagnosis</li> </ul>                          | <ul style="list-style-type: none"> <li>New flowchart</li> </ul>  |

## Paediatrics

| Topic   | Change  |
|---|---|
| <ul style="list-style-type: none"> <li>Acute otitis media (AOM)</li> </ul>                | <ul style="list-style-type: none"> <li>Clearer guidance on antibiotic indications</li> <li>New flowchart for antibiotic indications</li> <li>Azithromycin drug box added. Option for single dose treatment where adherence a concern</li> <li>Amoxicillin + clavulanic drug box added</li> <li>Follow up more specific</li> </ul> |
| <ul style="list-style-type: none"> <li>Otitis media with effusion (OME)</li> </ul>        | <ul style="list-style-type: none"> <li>New flowchart to guide management</li> <li>Amoxicillin no longer indicated if high risk of developing CSOM</li> </ul>  |
| <ul style="list-style-type: none"> <li>Chronic suppurative otitis media (CSOM)</li> </ul> | <ul style="list-style-type: none"> <li>New guidance on using Tissue spears to clean ears</li> </ul>   |
| <ul style="list-style-type: none"> <li>Otitis externa (acute)</li> </ul>                  | <ul style="list-style-type: none"> <li>Ear drops advice box added</li> <li>revised ear wick insertion technique</li> <li>Kenacomb® ointment replaced with drops</li> <li>Follow up more specific</li> </ul>   |
| <ul style="list-style-type: none"> <li>Gastroenteritis/dehydration</li> </ul>             | <ul style="list-style-type: none"> <li>Hydration assessment moved to immediate management</li> <li>Risk factors/red flags box added</li> <li>Revised Hydration management flowchart</li> <li>Advice to parents/carers box added</li> </ul>  |
| <ul style="list-style-type: none"> <li>Giardiasis</li> </ul>                              | <ul style="list-style-type: none"> <li>Tinidazole drug box removed, as no longer available</li> </ul>   |
| <ul style="list-style-type: none"> <li>Worms</li> </ul>                                   | <ul style="list-style-type: none"> <li>Ivermectin drug box added</li> </ul>   |
| <ul style="list-style-type: none"> <li>Constipation</li> </ul>                            | <ul style="list-style-type: none"> <li>Laxative table removed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Anaemia</li> </ul>                                 | <ul style="list-style-type: none"> <li>Significant re-write</li> </ul>  |
| <ul style="list-style-type: none"> <li>Urinary tract infection (UTI)</li> </ul>           | <ul style="list-style-type: none"> <li>Removed advice re suprapubic catheter specimen</li> </ul>  |
| <ul style="list-style-type: none"> <li>Acutely swollen/painful joint</li> </ul>           | <ul style="list-style-type: none"> <li>Red flags box added</li> <li>Emphasis on Acute rheumatic fever detection</li> </ul>  |
| <ul style="list-style-type: none"> <li>Child protection</li> </ul>                        | <ul style="list-style-type: none"> <li>Significant re-write</li> </ul>  |

## Immunisations

| Topic  | Change  |
|--|---|
| <ul style="list-style-type: none"> <li>Tetanus immunisation</li> </ul> | <ul style="list-style-type: none"> <li>Flowchart added to aid with decision making</li> </ul> |

## Appendices

| Topic   | Change   |
|---|--|
| <ul style="list-style-type: none"> <li>Best possible medication history (BPMH)</li> </ul>     | <ul style="list-style-type: none"> <li>Clearer guidance on how to get BPMH</li> </ul>              |
| <ul style="list-style-type: none"> <li>Patient death in absence of medical officer</li> </ul> | <ul style="list-style-type: none"> <li>Clearer guidance on what to do when someone dies</li> </ul> |
| <ul style="list-style-type: none"> <li>Ventrogluteal injection</li> </ul>                     | <ul style="list-style-type: none"> <li>New image and instructions</li> </ul>                       |