 **Lidocaine Standing Order**

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| Issue date: |  | Review date: |  |

This standing order is not valid after the review date. The review date is one year after the date the order was signed by the issuer.

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| **Standing Order Name** | Lidocaine |
| **Rationale** | To administer lidocaine for the purpose of skin closure in primary care setting |
| **Scope (condition and patient group)** | Any patient who requires primary skin closure such as repairing acute traumatic skin wounds (specifically lacerations and incisional wounds) which do not have any exclusion criteria.  This standing order does **NOT contain adrenaline** |
| **Red Flags for primary wound closure** | * 1. Damage to underlying structures   2. Wound overlying joints   3. Delayed presentation (> 12 hours)   4. Bite wound (Cat, Dog, Human), heavy contamination, deep puncture or large wound   5. Concern about wound infection |
| **Assessment** | 1. Obtain written consent for the procedure and use of lidocaine    1. Consider factors that may affect healing (e.g. co-morbidities, medications, smoking or vaping, reduced mobility, nutrition) 2. Assess the Wound and document 3. Assess motor and sensory function before administering local anaesthetic, particularly in traumatic wounds 4. Check for any contraindications for primary closure 5. Patients with risk factors for poor wound healing |
| **Procedure** | 1. Anaesthetise the wound 2. Clean the area with saline    1. If dirty also consider a topical antiseptic solution (eg chlorhexidine) |
| **Indication** | **To provide local anaesthesia for skin closure in primary care setting** |
| **Medicine** | Lidocaine 1% (50mg/5ml) or 2% (100mg/5ml) |
| **Dosage instructions** | Use the minimum effective dose to achieve adequate local anaesthesia and do NOT exceed the following doses:  Adults: 3mg/kg to a maximum of 200mg  Children 12-18 years: 3mg/kg to a maximum of 200mg  **Use IDEAL body weight** |
| **Route of administration** | Subcutaneous injection taking care to avoid administration intravascularly; introduce slowly whilst withdrawing needle  Clean wound: direct wound infiltration  Dirty wound: parallel margin infiltration  Digital block |
| **Quantity to be given** | As above to maximum dose of 200mg |
| **Contraindications** | History of allergy or sensitivity to lidocaine  On any other interacting medication(s)  Impaired cardiac conduction, especially complete heart block  Patients being treated with Class III antiarrhythmic drugs (e.g., amiodarone)  Potential infiltration into inflamed or infected tissue  Advanced liver disease or severe renal dysfunction  Acute porphyria  Hypovolaemia and shock  Impaired respiratory function  Unstable epilepsy  Myasthenia gravis |
| **Precautions** | * Frail and/or elderly patients, children younger than 12 |
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| **Additional information** | * For skin lacerations, provide tetanus prophylaxis (see tetanus standing order) * Consider referral to GP/NP if prophylactic antibiotics are to be considered (e.g. animal and human bites, penetrating wounds, delayed primary closure) * Provide advice on self-care of the wound   + Elevate a limb wound as much as possible   + Keep the wound dry for the first 48 hours * Complete an ACC form if appropriate (this needs to be done by GP/NP) |
| **Follow-up** | If sutures required, then make an appointment for the appropriate timeframe for suture removal |
| **Countersigning and auditing** | Countersigning is not required. Audited monthly.  **OR**  Countersigning is required within ***XX*** days |
| **Competency/training requirements** | All nurses working under this standing order must be signed off as competent to do so by the issuer and have had specific training in this standing order. |
| **Supporting documentation** | Healthpathways at [www.healthpathways.org.nz](about:blank)  Best Practice Journal at [www.bpac.org.nz](about:blank)  New Zealand Formulary at [www.nzf.org.nz](about:blank)  Individual medicine data sheets at [www.medsafe.govt.nz](about:blank)  Online learning module at healthlearn.ac.nz on Standing Orders for skin lacerations- lidocaine 1% and 2%  Standing Order Guidelines, Ministry of Health, 2012  Medicines (Standing Order) Regulations 2012 (Standing Order Regulations) |
| **Definition of terms used in standing order** | Ideal body weight calculator: [https://www.mdcalc.com/calc/68/ideal-body-weight-adjusted-body-weight](about:blank) |

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| **Medical Centre or Clinic:** |  |

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| **Signed by issuers** |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Nurses operating under this standing order** |

Only Registered Health Professionals working within the above medical centre or clinic are authorised to administer medication under this standing order.

We the undersigned agree that we have read, understood and will comply with this standing order and all associated documents.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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