# Paediatric Blast Injury Field Manual

Page per Age Cards

## **NEWBORN**

| NEWBORN 3.5KG 47-53cm                                  |                     |                 |                           |  |
|--|---------------------|-----------------|---------------------------|--|
| <b>Normal Vital</b>                                    | Signs               |                 |                           |  |
| RR   | <b>Tidal Volume</b> | HR              | Sys BP                    |  |
| 25-50  | BVM±20mL            | 120-170         | >70mmHg                   |  |
| Fluid Bolus  |                     |                 |                           |  |
| 5mL/kg   | 10mL/kg             | 20mL/kg         | Blood - 5mL/kg            |  |
| 17.5mL   | 35mL                | 70mL            | 17.5mL                    |  |
| Airway   |                     |                 |                           |  |
| ETT Size   | ETT Length          | Laryngoscopy    | Miller 1                  |  |
| 3 cuffed   | 9.5cm               | Bougie = 5Ch (n | neonatal) iGel = 1 (pink) |  |
| <b>Pre-Hospital</b>                                    | <b>Emergency A</b>  | inaesthesia 💮   |                           |  |
| Fentanyl   | 3mcg/kg<br>50mcg/ml | 10.5mcg         | 0.2mL                     |  |
| Ketamine   | 2mg/kg<br>10mg/mL   | 7mg             | 0.7mL                     |  |
| Rocuronium   | 1mg/kg<br>10mg/mL   | 3.5mg           | 0.35mL                    |  |
| Sedation   |                     |                 |                           |  |
| Midazolam  | 0.1mg/kg<br>1mg/mL  | 0.35mg          | 0.35mL                    |  |
|  | 0 Emg/kg            |                 |                           |  |
| Ketamine   | 0.5mg/kg<br>10mg/mL | 1.75mg          | 0.2mL                     |  |
| Analgesia  |                     |                 |                           |  |
| Morphine   | 0.1mg/kg<br>1mg/mL  | 0.35mg          | 0.35mL                    |  |
| Nasal 1.5mcg/kg NOT USED IN NEONATES Fentanyl 50mcg/ml |                     |                 |                           |  |
| Paracetamol  | 15mg/kg<br>10mg/mL  | 52.5mg          | 5.2mL                     |  |
| N  | IEWBORN 3           | 3.5KG 47-5      | 53cm                      |  |

| NEWBORN 3.5KG 47-53cm                 |             |                        |                             |  |  |
|---------------------------------------|-------------|------------------------|-----------------------------|--|--|
| Fluid - Other                         |             |                        |                             |  |  |
| Glucose 10%                           |             | 2.5mL/kg               | 8.8mL                       |  |  |
| Hypertonic Saline 5%                  |             | 3mL/kg                 | 10.6mL                      |  |  |
| Cardiovascular                        |             |                        |                             |  |  |
| Defibrillation 4J/kg                  |             | 15J                    |                             |  |  |
| Adrenaline 1:10,000<br>20mcg/kg       | Arrest      | 70mcg                  | 0.7mL                       |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest      | 17.5mg                 | 0.6mL                       |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope    | 0.53mcg                | 0.05mL                      |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis | 35mcg IM               | 0.05mL                      |  |  |
| Adrenaline 1:100,000<br>1mcg/kg       | Anaphylaxis | 3.5mcg IV              | <b>0.35mL</b> (1:100,000)   |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60      | 70mcg                  | 0.2mL                       |  |  |
| Other                                 |             |                        |                             |  |  |
| Sodium Bicarb 8.4%                    |             | 3.5mmol                | 3.6mL                       |  |  |
| Calcium Chloride 10%                  |             |                        | 0.35mL                      |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure     | 1.4mg<br>(max 2 doses) | <b>0.15mL</b> (max 2 doses) |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma      | 52.5mg                 | 0.55mL                      |  |  |
| Antibiotics                           |             |                        |                             |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |             | 280mg                  | 2.8ml                       |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |             | 105mg                  | 1.8mL                       |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |             | 70mg                   | 1.4mL                       |  |  |
| NEWBORN 3.5KG 47-53cm                 |             |                        |                             |  |  |

# **ONE MONTH**

| 1 MONTH 4KG 53-59cm |                       |                 |                           |
|---------------------|-----------------------|-----------------|---------------------------|
| <b>Normal Vital</b> | Signs                 |                 |                           |
| RR                  | Tidal Volume          | HR              | Sys BP                    |
| 25-50               | BVM±25mL              | 120-170         | >70mmHg                   |
| Fluid Bolus         |                       |                 |                           |
| 5mL/kg              | 10mL/kg               | 20mL/kg         | Blood - 5mL/kg            |
| 20mL                | 40mL                  | 80mL            | 20mL                      |
| Airway              |                       |                 |                           |
| ETT Size            | ETT Length            | Laryngoscopy    | Miller 1                  |
| 3 cuffed            | 10cm                  | Bougie = 5Ch (r | neonatal) iGel = 1 (pink) |
| <b>Pre-Hospital</b> | Emergency A           | \naesthesia     |                           |
| Fentanyl            | 3mcg/kg<br>50mcg/ml   | 12mcg           | 0.25mL                    |
|                     |                       |                 |                           |
| Ketamine            | 2mg/kg<br>10mg/mL     | 8mg             | 0.8mL                     |
| _                   | 1mg/kg                |                 |                           |
| Rocuronium          | 10mg/mL               | 4mg             | 0.4mL                     |
| Sedation            |                       |                 |                           |
| Midazolam           | 0.1mg/kg<br>1mg/mL    | 0.4mg           | 0.4mL                     |
|                     | 0 Emg/kg              |                 |                           |
| Ketamine            | 0.5mg/kg<br>10mg/mL   | 2mg             | 0.2mL                     |
| Analgesia           |                       |                 |                           |
| Morphine            | 0.1mg/kg<br>1mg/mL    | 0.4mg           | 0.4mL                     |
| Nasal               | 1 5mcg/kg             |                 | - 46 -                    |
| Fentanyl            | 1.5mcg/kg<br>50mcg/ml | 6mcg            | 0.12mL                    |
| Paracetamol         | 15mg/kg<br>10mg/mL    | 60mg            | 6mL                       |
|                     | 1 MONTH               | 4KG 53-59       | cm                        |

| 1 MONTH 4KG 53-59cm                   |             |                        |                             |  |  |
|---------------------------------------|-------------|------------------------|-----------------------------|--|--|
| Fluid - Other                         |             |                        |                             |  |  |
| Glucose 10%                           |             | 2mL/kg                 | 8mL                         |  |  |
| Hypertonic Saline 5%                  |             | 3mL/kg                 | 12mL                        |  |  |
| Cardiovascular                        |             |                        |                             |  |  |
| Defibrillation 4J/kg                  |             | 16J                    |                             |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest      | 40mcg                  | 0.4mL                       |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest      | 20mg                   | 0.65mL                      |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope    | 0.6mcg                 | 0.05mL                      |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis | 40mcg IM               | 0.05mL                      |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60      | 80mcg                  | 0.25mL                      |  |  |
| Other                                 |             |                        |                             |  |  |
| Sodium Bicarb 8.4%                    |             | 4mmol                  | 4mL                         |  |  |
| Calcium Chloride 10%                  |             |                        | 0.4mL                       |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure     | 1.6mg<br>(max 2 doses) | <b>0.15mL</b> (max 2 doses) |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma      | 60mg                   | 0.6mL                       |  |  |
| Antibiotics                           |             |                        |                             |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |             | 320mg                  | 3.2mL                       |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |             | 120mg                  | 2mL                         |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |             | 80mg                   | 1.6mL                       |  |  |
| 1 M                                   | ONTH 4KG    | 53-59cm                |                             |  |  |

| 3 MONTHS <b>6KG</b> 59-65cm |                             |               |                            |  |
|-----------------------------|-----------------------------|---------------|----------------------------|--|
| <b>Normal Vital</b>         | Signs                       |               |                            |  |
| RR                          | Tidal Volume                | HR            | Sys BP                     |  |
| 25-45                       | BVM±35mL                    | 115-160       | >70mmHg                    |  |
| Fluid Bolus                 |                             |               |                            |  |
| 5mL/kg                      | 10mL/kg                     | 20mL/kg       | Blood - 5mL/kg             |  |
| 30mL                        | 60mL                        | 120mL         | 30mL                       |  |
| Airway                      |                             |               |                            |  |
| ETT Size                    | ETT Length                  | Laryngoscopy  | Miller 1                   |  |
| 3 cuffed                    | 11.5cm                      | ,             | eonatal) iGel = 1.5 (blue) |  |
| <b>Pre-Hospital</b>         | Emergency A                 | Anaesthesia 💮 |                            |  |
| Fentanyl                    | 3mcg/kg<br>50mcg/ml         | 18mcg         | 0.35mL                     |  |
| Ketamine                    | 2mg/kg<br>10mg/mL           | 12mg          | 1.2mL                      |  |
| Rocuronium                  | 1mg/kg<br>10mg/mL           | 6mg           | 0.5mL                      |  |
| Sedation                    |                             |               |                            |  |
| Midazolam                   | 0.1mg/kg<br>1mg/mL          | 0.6mg         | 0.5mL                      |  |
| Ketamine                    | 0.5mg/kg<br>10mg/mL         | 3mg           | 0.3mL                      |  |
| Analgesia                   |                             |               |                            |  |
| Morphine                    | 0.1mg/kg<br>1mg/mL          | 0.6mg         | 0.5mL                      |  |
| Nasal<br>Fentanyl           | 1.5mcg/kg<br>50mcg/ml       | 9mcg          | 0.2mL                      |  |
| Paracetamol                 | 15mg/kg<br>10mg/mL          | 90mg          | 9mL                        |  |
|                             | 3 MONTHS <b>6KG</b> 59-65cm |               |                            |  |

| 3 MONTHS 6KG 59-65cm                  |                      |                        |                             |  |  |
|---------------------------------------|----------------------|------------------------|-----------------------------|--|--|
| Fluid - Other                         |                      |                        |                             |  |  |
| Glucose 10%                           |                      | 2mL/kg                 | 12mL                        |  |  |
| Hypertonic Saline 5%                  |                      | 3mL/kg                 | 18mL                        |  |  |
| Cardiovascular                        |                      |                        |                             |  |  |
| Defibrillation 4J/kg                  |                      | 25J                    |                             |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest               | 60mcg                  | 0.6mL                       |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest               | 30mg                   | 1mL                         |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope             | 0.9mcg                 | 0.1mL                       |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis          | 60mcg IM               | 0.05mL                      |  |  |
| Atropine 20mcg/kg<br>(600mcg/mL)      | HR <60               | 120mcg                 | 0.2mL                       |  |  |
| Other                                 |                      |                        |                             |  |  |
| Sodium Bicarb 8.4%                    |                      | 6mmol                  | 6mL                         |  |  |
| Calcium Chloride 10%                  |                      |                        | 0.6mL                       |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure              | 2.4mg<br>(max 2 doses) | <b>0.25mL</b> (max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line  | 240mg                  | 2.4mL                       |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma               | 90mg                   | 1mL                         |  |  |
| Antibiotics                           |                      |                        |                             |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                      | 460mg                  | 4.6mL                       |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                      | 180mg                  | 3mL                         |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                      | 120mg                  | 2.4mL                       |  |  |
|                                       | 3 MONTHS 6KG 59-65cm |                        |                             |  |  |

| 6 MONTHS 8KG 65-73cm |                       |              |                           |
|----------------------|-----------------------|--------------|---------------------------|
| <b>Normal Vital</b>  | Signs                 |              |                           |
| RR                   | <b>Tidal Volume</b>   | HR           | Sys BP                    |
| 20-40                | 48mL                  | 110-160      | >75mmHg                   |
| Fluid Bolus          |                       |              |                           |
| 5mL/kg               | 10mL/kg               | 20mL/kg      | Blood - 5mL/kg            |
| 40mL                 | 80mL                  | 160mL        | 40mL                      |
| Airway               |                       |              |                           |
| ETT Size             | ETT Length            | Laryngoscopy | Miller 1                  |
| 3 cuffed             | 12cm                  |              | eonatal) iGel = 1.5 (blue |
| Pre-Hospital         | Emergency A           | Ana esthesia |                           |
| Fentanyl             | 3mcg/kg<br>50mcg/ml   | 24mcg        | 0.5mL                     |
| Ketamine             | 2mg/kg<br>10mg/mL     | 16mg         | 1.6mL                     |
| Rocuronium           | 1mg/kg<br>10mg/mL     | 8mg          | 0.8mL                     |
| Sedation             |                       |              |                           |
| Midazolam            | 0.1mg/kg<br>1mg/mL    | 0.8mg        | 0.8mL                     |
| Ketamine             | 0.5mg/kg<br>10mg/mL   | 4mg          | 0.4mL                     |
| Analgesia            |                       |              |                           |
| Morphine             | 0.1mg/kg<br>1mg/mL    | 0.8mg        | 0.8mL                     |
| Nasal<br>Fentanyl    | 1.5mcg/kg<br>50mcg/ml | 12mcg        | 0.25mL                    |
| Paracetamol          | 15mg/kg<br>10mg/mL    | 120mg        | 12mL                      |
|                      | 6 MONTHS              | 8KG 65-7     | /3cm                      |

| 6 M                                   | 6 MONTHS 8KG 65-73cm |                        |                        |  |  |
|---------------------------------------|----------------------|------------------------|------------------------|--|--|
| Fluid - Other                         |                      |                        |                        |  |  |
| Glucose 10%                           |                      | 2mL/kg                 | 15mL                   |  |  |
| Hypertonic Saline 5%                  |                      | 3mL/kg                 | 25mL                   |  |  |
| Cardiovascular                        |                      |                        |                        |  |  |
| Defibrillation 4J/kg                  |                      | 30J                    |                        |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest               | 80mcg                  | 0.8mL                  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest               | 40mg                   | 1.4mL                  |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope             | 1.2mcg                 | 0.1mL                  |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis          | 80mcg IM               | 0.1mL                  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60               | 160mcg                 | 0.5mL                  |  |  |
| Other                                 |                      |                        |                        |  |  |
| Sodium Bicarb 8.4%                    |                      | 8mmol                  | 8mL                    |  |  |
| Calcium Chloride 10%                  |                      |                        | 0.8mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure              | 3.2mg<br>(max 2 doses) | 0.3mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line  | 320mg                  | 3.2mL                  |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma               | 120mg                  | 1.2mL                  |  |  |
| Antibiotics                           |                      |                        |                        |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                      | 640mg                  | 6.4mL                  |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                      | 240mg                  | 4mL                    |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                      | 160mg                  | 3.2mL                  |  |  |
| 6 M                                   | ONTHS 8K             | G 65-73cm              |                        |  |  |

| 1 YEAR 10KG 73-85cm |                       |                    |                          |
|---------------------|-----------------------|--------------------|--------------------------|
| <b>Normal Vital</b> | Signs                 |                    |                          |
| RR                  | Tidal Volume          | HR                 | Sys BP                   |
| 20-40               | 57mL                  | 110-160            | >75mmHg                  |
| Fluid Bolus         |                       |                    |                          |
| 5mL/kg              | 10mL/kg               | 20mL/kg            | Blood - 5mL/kg           |
| 50mL                | 100mL                 | 200mL              | 50mL                     |
| Airway              |                       |                    |                          |
| ETT Size            | ETT Length            | Laryngoscopy       | Miller 1                 |
| 3.5 cuffed          | 12.5cm                |                    | (paed) iGel = 1.5 (blue) |
| Pre-Hospital        | Emergency A           | naesthesia         |                          |
| Fentanyl            | 3mcg/kg<br>50mcg/ml   | 30mcg              | 0.6mL                    |
| Ketamine            | 2mg/kg<br>10mg/mL     | 20mg               | 2mL                      |
| Rocuronium          | 1mg/kg<br>10mg/mL     | 10mg               | 1mL                      |
| Sedation            |                       |                    |                          |
| Midazolam           | 0.1mg/kg<br>1mg/mL    | 1mg                | 1mL                      |
| Ketamine            | 0.5mg/kg<br>10mg/mL   | 5mg                | 0.5mL                    |
| Analgesia           |                       |                    |                          |
| Morphine            | 0.1mg/kg<br>1mg/mL    | 1mg                | 1mL                      |
| Nasal<br>Fentanyl   | 1.5mcg/kg<br>50mcg/ml | 15mcg              | 0.3mL                    |
| Paracetamol         | 15mg/kg<br>10mg/mL    | 150mg              | 15mL                     |
|                     | 1 YEAR 1              | . <b>0KG</b> 73-85 | cm                       |

| 1 YEAR 10KG 73-85cm                   |                     |                      |                        |  |  |
|---------------------------------------|---------------------|----------------------|------------------------|--|--|
| Fluid - Other                         |                     |                      |                        |  |  |
| Glucose 10%                           |                     | 2mL/kg               | 20mL                   |  |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg               | 30mL                   |  |  |
| Cardiovascular                        |                     |                      |                        |  |  |
| Defibrillation 4J/kg                  |                     | 40J                  |                        |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 100mcg               | 1mL                    |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 50mg                 | 1.6mL                  |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 1.5mcg               | 0.15mL                 |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 100mcg IM            | 0.1mL                  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 200mcg               | 0.6mL                  |  |  |
| Other                                 |                     |                      |                        |  |  |
| Sodium Bicarb 8.4%                    |                     | 10mmol               | 10mL                   |  |  |
| Calcium Chloride 10%                  |                     |                      | 1mL                    |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 4mg<br>(max 2 doses) | 0.4mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 400mg                | 4mL                    |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 150mg                | 1.5mL                  |  |  |
| Antibiotics                           |                     |                      |                        |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 800mg                | 8mL                    |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 300mg                | 5mL                    |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 200mg                | 4mL                    |  |  |
| 1 Y                                   | EAR 10KG            | 73-85cm              |                        |  |  |

| 2 YEARS 12KG 85-94cm |                       |  |                        |
|----------------------|-----------------------|--|------------------------|
| <b>Normal Vital</b>  | Signs                 |  |                        |
| RR                   | Tidal Volume          | HR   | Sys BP                 |
| 20-30                | 72mL                  | 10-150   | >75mmHg                |
| Fluid Bolus          |                       |  |                        |
| 5mL/kg               | 10mL/kg               | 20mL/kg  | Blood - 5mL/kg         |
| 60mL                 | 120mL                 | 240mL  | 60mL                   |
| Airway               |                       |  |                        |
| ETT Size             | ETT Length            | Laryngoscopy   | Miller 1               |
| 4 cuffed             | 13cm                  | The state of the s | (paed) iGel = 2 (grey) |
| Pre-Hospital         | Emergency A           | naesthesia   |                        |
| Fentanyl             | 3mcg/kg<br>50mcg/ml   | 36mcg  | 0.7mL                  |
| Ketamine             | 2mg/kg<br>10mg/mL     | 24mg   | 2.5mL                  |
| Rocuronium           | 1mg/kg<br>10mg/mL     | 12mg   | 1mL                    |
| Sedation             |                       |  |                        |
| Midazolam            | 0.1mg/kg<br>1mg/mL    | 1.2mg  | 1mL                    |
| Ketamine             | 0.5mg/kg<br>10mg/mL   | 6mg  | 0.6mL                  |
| Analgesia            |                       |  |                        |
| Morphine             | 0.1mg/kg<br>1mg/mL    | 1.2mg  | 1mL                    |
| Nasal<br>Fentanyl    | 1.5mcg/kg<br>50mcg/ml | 18mcg  | 0.4mL                  |
| Paracetamol          | 15mg/kg<br>10mg/mL    | 180mg  | 20mL                   |
|                      | 2 YEARS               | <b>L2KG</b> 85-94  | 1cm                    |

| 2 YE                                  | 2 YEARS 12KG 85-94cm |                        |                        |  |  |
|---------------------------------------|----------------------|------------------------|------------------------|--|--|
| Fluid - Other                         | Fluid - Other        |                        |                        |  |  |
| Glucose 10%                           |                      | 2mL/kg                 | 25mL                   |  |  |
| Hypertonic Saline 5%                  |                      | 3mL/kg                 | 35mL                   |  |  |
| Cardiovascular                        |                      |                        |                        |  |  |
| Defibrillation 4J/kg                  |                      | 50J                    |                        |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest               | 120mcg                 | 1.2mL                  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest               | 60mg                   | 2mL                    |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope             | 1.8mcg                 | 0.2mL                  |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis          | 120mcg IM              | 0.1mL                  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60               | 240mcg                 | 0.8mL                  |  |  |
| Other                                 |                      |                        |                        |  |  |
| Sodium Bicarb 8.4%                    |                      | 12mmol                 | 12mL                   |  |  |
| Calcium Chloride 10%                  |                      |                        | 1.2mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure              | 4.8mg<br>(max 2 doses) | 0.6mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line  | 480mg                  | 4.8mL                  |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma               | 180mg                  | 2mL                    |  |  |
| Antibiotics                           |                      |                        |                        |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                      | 960mg                  | 9.6mL                  |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                      | 360mg                  | 6mL                    |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                      | 240mg                  | 4.8mL                  |  |  |
| 2 YEARS 12KG 85-94cm                  |                      |                        |                        |  |  |

## **THREE YEARS**

| 3 YEARS 14KG 94-101cm |                       |              |                        |  |  |
|-----------------------|-----------------------|--------------|------------------------|--|--|
| <b>Normal Vital</b>   | Normal Vital Signs    |              |                        |  |  |
| RR                    | Tidal Volume          | HR           | Sys BP                 |  |  |
| 20-30                 | 84mL                  | 90-140       | >80mmHg                |  |  |
| Fluid Bolus           |                       |              |                        |  |  |
| 5mL/kg                | 10mL/kg               | 20mL/kg      | Blood - 5mL/kg         |  |  |
| 70mL                  | 140mL                 | 280mL        | 70mL                   |  |  |
| 3                     |                       |              |                        |  |  |
| ETT Size              | ETT Length            | Laryngoscopy | Mac 2                  |  |  |
| 4 cuffed              | 13.5cm                |              | (paed) iGel = 2 (grey) |  |  |
| Pre-Hospital          |                       | ana esthesia |                        |  |  |
| Fentanyl              | 3mcg/kg<br>50mcg/ml   | 42mcg        | 1mL                    |  |  |
|                       | 2mg/kg                |              |                        |  |  |
| Ketamine              | 2mg/kg<br>10mg/mL     | 28mg         | 3mL                    |  |  |
|                       |                       |              |                        |  |  |
| Rocuronium            | 1mg/kg<br>10mg/mL     | 14mg         | 1.5mL                  |  |  |
| Sedation              | O,                    |              |                        |  |  |
| Midazolam             | 0.1mg/kg              | 1.4mg        | 1.5mL                  |  |  |
| maazoram              | 1mg/mL                | 28           | 1.51111                |  |  |
| Ketamine              | 0.5mg/kg<br>10mg/mL   | 7mg          | 0.7mL                  |  |  |
| Analgesia             | -                     |              |                        |  |  |
| Morphine              | 0.1mg/kg<br>1mg/mL    | 1.4mg        | 1.5mL                  |  |  |
| Nasal                 | 1.5mcg/kg             |              |                        |  |  |
| Fentanyl              | 1.5mcg/kg<br>50mcg/ml | 21mcg        | 0.5mL                  |  |  |
| Paracetamol           | 15mg/kg<br>10mg/mL    | 210mg        | 20mL                   |  |  |
|                       | 3 YEARS 14KG 94-101cm |              |                        |  |  |

| 3 YEARS 14KG 94-101cm                 |                     |                        |                        |  |
|---------------------------------------|---------------------|------------------------|------------------------|--|
| Fluid - Other                         |                     |                        |                        |  |
| Glucose 10%                           |                     | 2mL/kg                 | 28mL                   |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                 | 42mL                   |  |
| Cardiovascular                        |                     |                        |                        |  |
| Defibrillation 4J/kg                  |                     | 55J                    |                        |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 140mcg                 | 1.5mL                  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 70mg                   | 2.5mL                  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 2.1mcg                 | 0.2mL                  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 140mcg IM              | 0.2mL                  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 280mcg                 | 1mL                    |  |
| Other                                 |                     |                        |                        |  |
| Sodium Bicarb 8.4%                    |                     | 14mmol                 | 14mL                   |  |
| Calcium Chloride 10%                  |                     |                        | 1.5mL                  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 5.6mg<br>(max 2 doses) | 0.6mL<br>(max 2 doses) |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 560mg                  | 5.6mL                  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 210mg                  | 2mL                    |  |
| Antibiotics                           |                     |                        |                        |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 1.1g                   | 11mL                   |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 420mg                  | 7mL                    |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 280mg                  | 5.6mL                  |  |
| 3 YEARS 14KG 94-101cm                 |                     |                        |                        |  |

# **FOUR YEARS**

| 4 YEARS 16KG 101-108cm |                     |               |                        |  |  |
|------------------------|---------------------|---------------|------------------------|--|--|
| <b>Normal Vital</b>    | Normal Vital Signs  |               |                        |  |  |
| RR                     | Tidal Volume        | HR            | Sys BP                 |  |  |
| 20-30                  | 96mL                | 80-135        | >85mmHg                |  |  |
| Fluid Bolus            |                     |               |                        |  |  |
| 5mL/kg                 | 10mL/kg             | 20mL/kg       | Blood - 5mL/kg         |  |  |
| 80mL                   | 160mL               | 320mL         | 80mL                   |  |  |
| Airway                 |                     |               |                        |  |  |
| ETT Size               | ETT Length          | Laryngoscopy  | Mac 2                  |  |  |
| 4.5 cuffed             | 14cm                | Bougie = 10Ch | (paed) iGel = 2 (grey) |  |  |
| Pre-Hospital           | Emergency A         | Anaesthesia   |                        |  |  |
| Fentanyl               | 3mcg/kg<br>50mcg/ml | 48mcg         | 1mL                    |  |  |
| V a ta maina           | 2mg/kg              | 22            | 2                      |  |  |
| Ketamine               | 10mg/mL             | 32mg          | 3mL                    |  |  |
| Rocuronium             | 1mg/kg<br>10mg/mL   | 16mg          | 1.5mL                  |  |  |
| Sedation               |                     |               |                        |  |  |
| Midazolam              | 0.1mg/kg<br>1mg/mL  | 1.6mg         | 1.5mL                  |  |  |
| Ketamine               | 0.5mg/kg<br>10mg/mL | 8mg           | 1mL                    |  |  |
| Analgesia              |                     |               |                        |  |  |
| Morphine               | 0.1mg/kg<br>1mg/mL  | 1.6mg         | 1.5mL                  |  |  |
| Nasal                  | 1.5mcg/kg           |               |                        |  |  |
| Fentanyl               | 50mcg/ml            | 24mcg         | 0.5mL                  |  |  |
| Paracetamol            | 15mg/kg<br>10mg/mL  | 240mg         | 25mL                   |  |  |
| 4 YEARS 16KG 101-108cm |                     |               |                        |  |  |

| 4 YEARS 16KG 101-108cm                |                     |                        |                        |  |
|---------------------------------------|---------------------|------------------------|------------------------|--|
| Fluid - Other                         |                     |                        |                        |  |
| Glucose 10%                           |                     | 2mL/kg                 | 30mL                   |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                 | 50mL                   |  |
| Cardiovascular                        |                     |                        |                        |  |
| Defibrillation 4J/kg                  |                     | 65J                    |                        |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 160mcg                 | 1.5mL                  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 80mg                   | 2.5mL                  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 2.4mcg                 | 0.25mL                 |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 160mcg IM              | 0.15mL                 |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 320mcg                 | 1mL                    |  |
| Other                                 |                     |                        |                        |  |
| Sodium Bicarb 8.4%                    |                     | 16mmol                 | 16mL                   |  |
| Calcium Chloride 10%                  |                     |                        | 1.5mL                  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 6.4mg<br>(max 2 doses) | 0.7mL<br>(max 2 doses) |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 640mg                  | 6.4mL                  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 240mg                  | 2.5mL                  |  |
| Antibiotics                           |                     |                        |                        |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 1.3g                   | 13mL                   |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 480mg                  | 8mL                    |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 320mg                  | 6.4mL                  |  |
| 4 YEARS 16KG 101-108cm                |                     |                        |                        |  |

| 5 YEARS 18KG 108-114cm |                       |               |                        |  |  |
|------------------------|-----------------------|---------------|------------------------|--|--|
| Normal Vital           | Normal Vital Signs    |               |                        |  |  |
| RR                     | <b>Tidal Volume</b>   | HR            | Sys BP                 |  |  |
| 20-30                  | 108mL                 | 80-135        | >90mmHg                |  |  |
| Fluid Bolus            |                       |               |                        |  |  |
| 5mL/kg                 | 10mL/kg               | 20mL/kg       | Blood - 5mL/kg         |  |  |
| 90mL                   | 180mL                 | 360mL         | 90mL                   |  |  |
| Airway                 |                       |               |                        |  |  |
| ETT Size               | ETT Length            | Laryngoscopy  | Mac 2                  |  |  |
| 4.5 cuffed             | 14.5cm                | Bougie = 10Ch | (paed) iGel = 2 (grey) |  |  |
| Pre-Hospital           | Emergency A           | naesthesia    |                        |  |  |
| Fentanyl               | 3mcg/kg<br>50mcg/ml   | 54mcg         | 1mL                    |  |  |
| Ketamine               | 2mg/kg<br>10mg/mL     | 36mg          | 3.5mL                  |  |  |
| Rocuronium             | 1mg/kg<br>10mg/mL     | 18mg          | 2mL                    |  |  |
| Sedation               |                       |               |                        |  |  |
| Midazolam              | 0.1mg/kg<br>1mg/mL    | 1.8mg         | 2mL                    |  |  |
| Ketamine               | 0.5mg/kg<br>10mg/mL   | 9mg           | 1mL                    |  |  |
| Analgesia              |                       |               |                        |  |  |
| Morphine               | 0.1mg/kg<br>1mg/mL    | 1.8mg         | 2mL                    |  |  |
| Nasal<br>Fentanyl      | 1.5mcg/kg<br>50mcg/ml | 27mcg         | 0.6mL                  |  |  |
| Paracetamol            | 15mg/kg<br>10mg/mL    | 270mg         | 27mL                   |  |  |
|                        | 5 YEARS 1             | 8KG 108-11    | L4cm                   |  |  |

| 5 YEARS <b>18KG</b> 108-114cm         |                     |                        |                        |  |  |
|---------------------------------------|---------------------|------------------------|------------------------|--|--|
| Fluid - Other                         |                     |                        |                        |  |  |
| Glucose 10%                           |                     | 2mL/kg                 | 35mL                   |  |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                 | 55mL                   |  |  |
| Cardiovascular                        |                     |                        |                        |  |  |
| Defibrillation 4J/kg                  |                     | 70J                    |                        |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 180mcg                 | 2mL                    |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 90mg                   | 3mL                    |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 2.7mcg                 | 0.25mL                 |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 180mcg IM              | 0.2mL                  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 360mcg                 | 1.2mL                  |  |  |
| Other                                 |                     |                        |                        |  |  |
| Sodium Bicarb 8.4%                    |                     | 18mmol                 | 18mL                   |  |  |
| Calcium Chloride 10%                  |                     |                        | 1.8mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 7.2mg<br>(max 2 doses) | 0.7mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 720mg                  | 7.2mL                  |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 270mg                  | 2.8mL                  |  |  |
| Antibiotics                           |                     |                        |                        |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 1.45g                  | 14.5mL                 |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 540mg                  | 9mL                    |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 360mg                  | 7.2mL                  |  |  |
| 5 YE/                                 | ARS 18KG            | 108-114cm              |                        |  |  |

| 6 YEARS 20KG 114-120cm |                       |               |                        |  |  |
|------------------------|-----------------------|---------------|------------------------|--|--|
| Normal Vital           | Normal Vital Signs    |               |                        |  |  |
| RR                     | Tidal Volume          | HR            | Sys BP                 |  |  |
| 20-30                  | 126mL                 | 80-130        | >90mmHg                |  |  |
| Fluid Bolus            |                       |               |                        |  |  |
| 5mL/kg                 | 10mL/kg               | 20mL/kg       | Blood - 5mL/kg         |  |  |
| 105mL                  | 210mL                 | 420mL         | 105mL                  |  |  |
| Airway                 |                       |               |                        |  |  |
| ETT Size               | ETT Length            | Laryngoscopy  | Mac 2 or 3             |  |  |
| 5 cuffed               | 15cm                  | Bougie = 10Ch | (paed) iGel = 2 (grey) |  |  |
| Pre-Hospital           | <b>Emergency A</b>    | naesthesia    |                        |  |  |
| Fentanyl               | 3mcg/kg<br>50mcg/ml   | 60mcg         | 1.2mL                  |  |  |
| Ketamine               | 2mg/kg<br>10mg/mL     | 40mg          | 4mL                    |  |  |
| Rocuronium             | 1mg/kg<br>10mg/mL     | 20mg          | 2mL                    |  |  |
| Sedation               |                       |               |                        |  |  |
| Midazolam              | 0.1mg/kg<br>1mg/mL    | 2mg           | 2mL                    |  |  |
|                        | 0.5 = 4/1.5           |               |                        |  |  |
| Ketamine               | 0.5mg/kg<br>10mg/mL   | 10mg          | 1mL                    |  |  |
| Analgesia              |                       |               |                        |  |  |
| Morphine               | 0.1mg/kg<br>1mg/mL    | 2mg           | 2mL                    |  |  |
| Nasal<br>Fentanyl      | 1.5mcg/kg<br>50mcg/ml | 30mcg         | 0.6mL                  |  |  |
| Paracetamol            | 15mg/kg<br>10mg/mL    | 300mg         | 30mL                   |  |  |
|                        | 6 YEARS 20            | OKG 114-12    | 20cm                   |  |  |

| 6 YEARS <b>20KG</b> 114-120cm         |                     |                      |                        |  |  |
|---------------------------------------|---------------------|----------------------|------------------------|--|--|
| Fluid - Other                         |                     |                      |                        |  |  |
| Glucose 10%                           |                     | 2mL/kg               | 40mL                   |  |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg               | 60mL                   |  |  |
| Cardiovascular                        |                     |                      |                        |  |  |
| Defibrillation 4J/kg                  |                     | 85J                  |                        |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 200mcg               | 2mL                    |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 100mg                | 3.3mL                  |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 3mcg                 | 0.3mL                  |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 200mcg IM            | 0.2mL                  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 400mcg               | 1.3mL                  |  |  |
| Other                                 |                     |                      |                        |  |  |
| Sodium Bicarb (8.4%)                  |                     | 20mmol               | 20mL                   |  |  |
| Calcium Chloride (10%)                |                     |                      | 2mL                    |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 8mg<br>(max 2 doses) | 0.8mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 800mg                | 8mL                    |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 300mg                | 3mL                    |  |  |
| Antibiotics                           |                     |                      |                        |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 1.6g                 | 16mL                   |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 600mg                | 10mL                   |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 400mg                | 8mL                    |  |  |
| 6 YEA                                 | ARS 20KG            | 114-120cm            |                        |  |  |

| 7 YEARS 23KG 120-126cm |                       |              |                         |  |  |
|------------------------|-----------------------|--------------|-------------------------|--|--|
| Normal Vital           | Normal Vital Signs    |              |                         |  |  |
| RR                     | <b>Tidal Volume</b>   | HR           | Sys BP                  |  |  |
| 20-30                  | 138mL                 | 80-130       | >90mmHg                 |  |  |
| Fluid Bolus            |                       |              |                         |  |  |
| 5mL/kg                 | 10mL/kg               | 20mL/kg      | Blood - 5mL/kg          |  |  |
| 115mL                  | 230mL                 | 460mL        | 115mL                   |  |  |
| Airway                 |                       |              |                         |  |  |
| ETT Size               | ETT Length            | Laryngoscopy | Mac 2 or 3              |  |  |
| 5 cuffed               | 15.5cm                |              | (adult) iGel = 2 (grey) |  |  |
| Pre-Hospital           | Emergency A           | ınaesthesia  |                         |  |  |
| Fentanyl               | 3mcg/kg<br>50mcg/ml   | 69mcg        | 1.5mL                   |  |  |
| Ketamine               | 2mg/kg<br>10mg/mL     | 46mg         | 5mL                     |  |  |
| Rocuronium             | 1mg/kg<br>10mg/mL     | 23mg         | 2.5mL                   |  |  |
| Sedation               |                       |              |                         |  |  |
| Midazolam              | 0.1mg/kg<br>1mg/mL    | 2.3mg        | 2.5mL                   |  |  |
| Ketamine               | 0.5mg/kg<br>10mg/mL   | 11.5mg       | 1.2mL                   |  |  |
| Analgesia              |                       |              |                         |  |  |
| Morphine               | 0.1mg/kg<br>1mg/mL    | 2.3mg        | 2.5mL                   |  |  |
| Nasal<br>Fentanyl      | 1.5mcg/kg<br>50mcg/ml | 34.5mcg      | 0.7mL                   |  |  |
| Paracetamol            | 15mg/kg<br>10mg/mL    | 345mg        | 35mL                    |  |  |
| 7 YEARS 23KG 120-126cm |                       |              |                         |  |  |

| 7 YEARS <b>23KG</b> 120-126cm         |                     |                        |                      |  |
|---------------------------------------|---------------------|------------------------|----------------------|--|
| Fluid - Other                         |                     |                        |                      |  |
| Glucose 10%                           |                     | 2mL/kg                 | 45mL                 |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                 | 70mL                 |  |
| Cardiovascular                        |                     |                        |                      |  |
| Defibrillation 4J/kg                  |                     | 90J                    |                      |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 230mcg                 | 2.5mL                |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 115mg                  | 4mL                  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 3.45mcg                | 0.4mL                |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 230mcg IM              | 0.3mL                |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 460mcg                 | 1.5mL                |  |
| Other                                 |                     |                        |                      |  |
| Sodium Bicarb 8.4%                    |                     | 23mmol                 | 25mL                 |  |
| Calcium Chloride 10%                  |                     |                        | 2.5mL                |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 9.2mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 920mg                  | 9.2mL                |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 345mg                  | 3.5mL                |  |
| Antibiotics                           |                     |                        |                      |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 1.8g                   | 18mL                 |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 690mg                  | 11.5mL               |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 460mg                  | 9.2mL                |  |
| 7 YE                                  | ARS 23KG            | 120-126cm              |                      |  |

| 8 YEARS <b>26KG</b> 126-131cm |                       |               |                           |  |  |
|-------------------------------|-----------------------|---------------|---------------------------|--|--|
| <b>Normal Vital</b>           | Normal Vital Signs    |               |                           |  |  |
| RR                            | Tidal Volume          | HR            | Sys BP                    |  |  |
| 15-25                         | 150mL                 | 70-120        | >90mmHg                   |  |  |
| Fluid Bolus                   |                       |               |                           |  |  |
| 5mL/kg                        | 10mL/kg               | 20mL/kg       | Blood - 5mL/kg            |  |  |
| 130mL                         | 260mL                 | 520mL         | 130mL                     |  |  |
| Airway                        |                       |               |                           |  |  |
| ETT Size                      | ETT Length            | Laryngoscopy  | Mac 2 or 3                |  |  |
| 5.5 cuffed                    | 16cm                  |               | adult) iGel = 2.5 (white) |  |  |
| <b>Pre-Hospital</b>           | Emergency A           | Anaesthesia 💮 |                           |  |  |
| Fentanyl                      | 3mcg/kg<br>50mcg/ml   | 78mcg         | 1.5mL                     |  |  |
| Ketamine                      | 2mg/kg<br>10mg/mL     | 52mg          | 5mL                       |  |  |
| Rocuronium                    | 1mg/kg<br>10mg/mL     | 26mg          | 2.5mL                     |  |  |
| Sedation                      |                       |               |                           |  |  |
| Midazolam                     | 0.1mg/kg<br>1mg/mL    | 2.6mg         | 2.5mL                     |  |  |
| Ketamine                      | 0.5mg/kg<br>10mg/mL   | 13mg          | 1.5mL                     |  |  |
| Analgesia                     |                       |               |                           |  |  |
| Morphine                      | 0.1mg/kg<br>1mg/mL    | 2.6mg         | 2.5mL                     |  |  |
| Nasal<br>Fentanyl             | 1.5mcg/kg<br>50mcg/ml | 39mcg         | 0.8mL                     |  |  |
| Paracetamol                   | 15mg/kg<br>10mg/mL    | 390mg         | 40mL                      |  |  |
|                               | 8 YEARS 2             | 6KG 126-13    | 31cm                      |  |  |

| 8 YEARS <b>26KG</b> 126-131cm         |                               |                       |                      |  |  |
|---------------------------------------|-------------------------------|-----------------------|----------------------|--|--|
| Fluid - Other                         |                               |                       |                      |  |  |
| Glucose 10%                           |                               | 2mL/kg                | 50mL                 |  |  |
| Hypertonic Saline 5%                  |                               | 3mL/kg                | 80mL                 |  |  |
| Cardiovascular                        |                               |                       |                      |  |  |
| Defibrillation 4J/kg                  |                               | 100J                  |                      |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest                        | 260mcg                | 2.5mL                |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest                        | 130mg                 | 4.5mL                |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope                      | 3.9mcg                | 0.5mL                |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis                   | 260mcg IM             | 0.25mL               |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60                        | 520mcg                | 1.7mL                |  |  |
| Other                                 |                               |                       |                      |  |  |
| Sodium Bicarb 8.4%                    |                               | 26mmol                | 25mL                 |  |  |
| Calcium Chloride 10%                  |                               |                       | 2.5mL                |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure                       | 10mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line           | 1040mg                | 10.4mL               |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma                        | 390mg                 | 4mL                  |  |  |
| Antibiotics                           |                               |                       |                      |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                               | 2g                    | 20mL                 |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                               | 780mg                 | 13mL                 |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                               | 520mg                 | 10.4mL               |  |  |
|                                       | 8 YEARS <b>26KG</b> 126-131cm |                       |                      |  |  |

| 9 YEARS <b>29KG</b> 131-137cm |                               |                   |                           |  |  |
|-------------------------------|-------------------------------|-------------------|---------------------------|--|--|
| Normal Vital                  | Normal Vital Signs            |                   |                           |  |  |
| RR                            | <b>Tidal Volume</b>           | HR                | Sys BP                    |  |  |
| 15-25                         | 168mL                         | 70-120            | >90mmHg                   |  |  |
| Fluid Bolus                   |                               |                   |                           |  |  |
| 5mL/kg                        | 10mL/kg                       | 20mL/kg           | Blood - 5mL/kg            |  |  |
| 145mL                         | 290mL                         | 580mL             | 145mL                     |  |  |
| Airway                        |                               |                   |                           |  |  |
| ETT Size                      | ETT Length                    | Laryngoscopy      | Mac 2 or 3                |  |  |
| 5.5 cuffed                    | 16.5cm                        | Bougie = 15Ch (a  | adult) iGel = 2.5 (white) |  |  |
| <b>Pre-Hospital</b>           | Emergency A                   | <b>Naesthesia</b> |                           |  |  |
| Fentanyl                      | 3mcg/kg<br>50mcg/mL           | 87mcg             | 1.8mL                     |  |  |
|                               | 2,00 = //.=                   |                   |                           |  |  |
| Ketamine                      | 2mg/kg<br>10mg/mL             | 58mg              | 6mL                       |  |  |
| Rocuronium                    | 1mg/kg<br>10mg/mL             | 29mg              | 3mL                       |  |  |
| Sedation                      |                               |                   |                           |  |  |
| Midazolam                     | 0.1mg/kg<br>1mg/mL            | 2.9mg             | 3mL                       |  |  |
|                               | 0 Ema/ka                      |                   |                           |  |  |
| Ketamine                      | 0.5mg/kg<br>10mg/mL           | 14.5mg            | 1.5mL                     |  |  |
| Analgesia                     |                               |                   |                           |  |  |
| Morphine                      | 0.1mg/kg<br>1mg/mL            | 2.9mg             | 3mL                       |  |  |
| Nasal                         | 1.5mcg/kg                     | 42.5              | 0.0 1                     |  |  |
| Fentanyl                      | 50mcg/mL                      | 43.5mcg           | 0.9mL                     |  |  |
| Paracetamol                   | 15mg/kg<br>10mg/mL            | 435mg             | 45mL                      |  |  |
|                               | 9 YEARS <b>29KG</b> 131-137cm |                   |                           |  |  |

| 9 YEARS <b>29KG</b> 131-137cm         |                     |                       |                      |  |  |
|---------------------------------------|---------------------|-----------------------|----------------------|--|--|
| Fluid - Other                         | Fluid - Other       |                       |                      |  |  |
| Glucose 10%                           |                     | 2mL/kg                | 60mL                 |  |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                | 90mL                 |  |  |
| Cardiovascular                        |                     |                       |                      |  |  |
| Defibrillation 4J/kg                  |                     | 120J                  |                      |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 290mcg                | 3mL                  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 145mg                 | 4.5mL                |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 4.4mcg                | 0.5mL                |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 290mcg IM             | 0.3mL                |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 580mcg                | 2mL                  |  |  |
| Other                                 |                     |                       |                      |  |  |
| Sodium Bicarb 8.4%                    |                     | 29mmol                | 30mL                 |  |  |
| Calcium Chloride 10%                  |                     |                       | 3mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 10mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 1.16g                 | 11.6mL               |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 435mg                 | 4.5mL                |  |  |
| Antibiotics                           |                     |                       |                      |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 2.3g                  | 23mL                 |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 870mg                 | 14.5mL               |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 580mg                 | 11.6mL               |  |  |
| 9 YEARS <b>29KG</b> 131-137cm         |                     |                       |                      |  |  |

| 10 YEARS <b>30KG</b> 137-142cm |                       |                 |                           |  |
|--------------------------------|-----------------------|-----------------|---------------------------|--|
| Normal Vital Signs             |                       |                 |                           |  |
| RR                             | <b>Tidal Volume</b>   | HR              | Sys BP                    |  |
| 15-25                          | 186mL                 | 70-120          | >90mmHg                   |  |
| Fluid Bolus                    |                       |                 |                           |  |
| 5mL/kg                         | 10mL/kg               | 20mL/kg         | Blood - 5mL/kg            |  |
| 150mL                          | 300mL                 | 600mL           | 150mL                     |  |
| Airway                         |                       |                 |                           |  |
| ETT Size                       | ETT Length            | Laryngoscopy    | Mac 3                     |  |
| 6 cuffed                       | 17cm                  | Bougie = 15Ch ( | adult) iGel = 2.5 (white) |  |
| Pre-Hospital                   | Emergency A           | Anaesthesia 💮   |                           |  |
| Fentanyl                       | 3mcg/kg<br>50mcg/ml   | 90mcg           | 2mL                       |  |
|                                | 2                     |                 |                           |  |
| Ketamine                       | 2mg/kg<br>10mg/mL     | 60mg            | 6mL                       |  |
| Rocuronium                     | 1mg/kg<br>10mg/mL     | 30mg            | 3mL                       |  |
| Sedation                       |                       |                 |                           |  |
| Midazolam                      | 0.1mg/kg<br>1mg/mL    | 3mg             | 3mL                       |  |
| Ketamine                       | 0.5mg/kg<br>10mg/mL   | 15mg            | 1.5mL                     |  |
| Analgesia                      |                       |                 |                           |  |
| Morphine                       | 0.1mg/kg<br>1mg/mL    | 3mg             | 3mL                       |  |
| Nasal<br>Fentanyl              | 1.5mcg/kg<br>50mcg/ml | 45mcg           | 1mL                       |  |
| Paracetamol                    | 15mg/kg<br>10mg/mL    | 450mg           | 45mL                      |  |
| 10 YEARS <b>30KG</b> 137-142cm |                       |                 |                           |  |

| 10 YEARS <b>30KG</b> 137-142cm        |                     |                       |                      |  |
|---------------------------------------|---------------------|-----------------------|----------------------|--|
| Fluid - Other                         |                     |                       |                      |  |
| Glucose 10%                           |                     | 2mL/kg                | 60mL                 |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                | 90mL                 |  |
| Cardiovascular                        |                     |                       |                      |  |
| Defibrillation 4J/kg                  |                     | 120J                  |                      |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 300mcg                | 3mL                  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 150mg                 | 5mL                  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 4.5mcg                | 0.5mL                |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 30mcg IM              | 0.3mL                |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 600mcg                | 2mL                  |  |
| Other                                 |                     |                       |                      |  |
| Sodium Bicarb 8.4%                    |                     | 30mmol                | 30mL                 |  |
| Calcium Chloride 10%                  |                     |                       | 3mL                  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 10mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 1.2g                  | 12mL                 |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 450mg                 | 4.5mL                |  |
| Antibiotics                           |                     |                       |                      |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 2.4g                  | 24mL                 |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 900mg                 | 15mL                 |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                     | 600mg                 | 12mL                 |  |
| 10 YEARS 30KG 137-142cm               |                     |                       |                      |  |

| 11 YEARS 35KG 142-147cm |                       |                 |                           |  |  |
|-------------------------|-----------------------|-----------------|---------------------------|--|--|
| <b>Normal Vital</b>     | Normal Vital Signs    |                 |                           |  |  |
| RR                      | Tidal Volume          | HR              | Sys BP                    |  |  |
| 15-25                   | 210mL                 | 70-120          | >90mmHg                   |  |  |
| Fluid Bolus             |                       |                 |                           |  |  |
| 5mL/kg                  | 10mL/kg               | 20mL/kg         | Blood - 5mL/kg            |  |  |
| 175mL                   | 350mL                 | 700mL           | 175mL                     |  |  |
| Airway                  |                       |                 |                           |  |  |
| ETT Size                | ETT Length            | Laryngoscopy    | Mac 3                     |  |  |
| 6 cuffed                | 17.5cm                | Bougie = 15Ch ( | (adult) iGel = 3 (yellow) |  |  |
| <b>Pre-Hospital</b>     | <b>Emergency A</b>    | .naesthesia     |                           |  |  |
| Fentanyl                | 3mcg/kg<br>50mcg/ml   | 105mcg          | 2mL                       |  |  |
| Ketamine                | 2mg/kg<br>10mg/mL     | 70mg            | 7mL                       |  |  |
| Rocuronium              | 1mg/kg<br>10mg/mL     | 35mg            | 3.5mL                     |  |  |
| Sedation                |                       |                 |                           |  |  |
| Midazolam               | 0.1mg/kg<br>1mg/mL    | 3.5mg           | 3.5mL                     |  |  |
| Ketamine                | 0.5mg/kg<br>10mg/mL   | 17.5mg          | 2mL                       |  |  |
| Analgesia               |                       |                 |                           |  |  |
| Morphine                | 0.1mg/kg<br>1mg/mL    | 3.5mg           | 3.5mL                     |  |  |
| Nasal<br>Fentanyl       | 1.5mcg/kg<br>50mcg/ml | 52.5mcg         | 1mL                       |  |  |
| Paracetamol             | 15mg/kg<br>10mg/mL    | 525mg           | 53mL                      |  |  |
|                         | 11 YEARS 3            | 5KG 142-1       | .47cm                     |  |  |

| 11 YE                                 | 11 YEARS 35KG 142-147cm |                       |                      |  |  |  |
|---------------------------------------|-------------------------|-----------------------|----------------------|--|--|--|
| Fluid - Other                         | Fluid - Other           |                       |                      |  |  |  |
| Glucose 10%                           |                         | 2mL/kg                | 70mL                 |  |  |  |
| Hypertonic Saline 5%                  |                         | 3mL/kg                | 100mL                |  |  |  |
| Cardiovascular                        |                         |                       |                      |  |  |  |
| Defibrillation 4J/kg                  |                         | 140J                  |                      |  |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest                  | 350mcg                | 3.5mL                |  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest                  | 175mg                 | 5.8mL                |  |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope                | 5.25mcg               | 0.6mL                |  |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis             | 350mcg IM             | 0.4mL                |  |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60                  | 600mcg                | 2mL                  |  |  |  |
| Other                                 |                         |                       |                      |  |  |  |
| Sodium Bicarb 8.4%                    |                         | 35mmol                | 35mL                 |  |  |  |
| Calcium Chloride 10%                  |                         |                       | 3.5mL                |  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure                 | 10mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line     | 1.4g                  | 14mL                 |  |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma                  | 525mg                 | 5.5mL                |  |  |  |
| Antibiotics                           |                         |                       |                      |  |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                         | 2.8g                  | 30mL                 |  |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                         | 1050mg                | 17.5mL               |  |  |  |
| Meropenem<br>20mg/kg (50mg/ml)        |                         | 700mg                 | 14mL                 |  |  |  |
| 11 YEARS 35KG 142-147cm               |                         |                       |                      |  |  |  |

| 12 YEARS 40KG 147-153cm |                        |               |                           |  |  |  |
|-------------------------|------------------------|---------------|---------------------------|--|--|--|
| <b>Normal Vital</b>     | Normal Vital Signs     |               |                           |  |  |  |
| RR                      | <b>Tidal Volume</b>    | HR            | Sys BP                    |  |  |  |
| 12-24                   | 258mL                  | 65-115        | >100mmHg                  |  |  |  |
| Fluid Bolus             |                        |               |                           |  |  |  |
| 5mL/kg                  | 10mL/kg                | 20mL/kg       | Blood - 5mL/kg            |  |  |  |
| 190mL                   | 380mL                  | 760mL         | 190mL                     |  |  |  |
| Airway                  |                        |               |                           |  |  |  |
| ETT Size                | ETT Length             | Laryngoscopy  | Mac 3                     |  |  |  |
| 6.5 cuffed              | 18cm                   | Bougie = 15Ch | (adult) iGel 3 = (yellow) |  |  |  |
| Pre-Hospital            | Emergency A            | Anaesthesia 💮 |                           |  |  |  |
| Fentanyl                | 3mcg/kg<br>50mcg/ml    | 120mcg        | 2.5mL                     |  |  |  |
| Ketamine                | 2mg/kg<br>10mg/mL      | 80mg          | 8mL                       |  |  |  |
| Rocuronium              | 1mg/kg<br>10mg/mL      | 40mg          | 4mL                       |  |  |  |
| Sedation                |                        |               |                           |  |  |  |
| Midazolam               | 0.1mg/kg<br>1mg/mL     | 4mg           | 4mL                       |  |  |  |
| Ketamine                | 0.5mg/kg<br>10mg/mL    | 20mg          | 2mL                       |  |  |  |
| Analgesia               |                        |               |                           |  |  |  |
| Morphine                | 0.1mg/kg<br>1mg/mL     | 4mg           | 4mL                       |  |  |  |
| Nasal<br>Fentanyl       | 1.5 mcg/kg<br>50mcg/ml | 60mcg         | 1.2mL                     |  |  |  |
| Paracetamol             | 15mg/kg<br>10mg/mL     | 600mg         | 60mL                      |  |  |  |
| 12 YEARS 40KG 147-153cm |                        |               |                           |  |  |  |

| 12 YEARS <b>40KG</b> 147-153cm     |                     |                       |                      |  |  |
|------------------------------------|---------------------|-----------------------|----------------------|--|--|
| Fluid - Other                      | Fluid - Other       |                       |                      |  |  |
| Glucose 10%                        |                     | 2mL/kg                | 80mL                 |  |  |
| Hypertonic Saline 5%               |                     | 3mL/kg                | 120mL                |  |  |
| Cardiovascular                     |                     |                       |                      |  |  |
| Defibrillation 4J/kg               |                     | 150J                  |                      |  |  |
| Adrenaline 1:10,000<br>10mcg/kg    | Arrest              | 400mcg                | 4mL                  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)     | Arrest              | 120mg                 | 4mL                  |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg | Inotrope            | 6mcg                  | 0.6mL                |  |  |
| Adrenaline 1:1000<br>10mcg/kg      | Anaphylaxis         | 400mcg IM             | 0.4mL                |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)   | HR <60              | 600mcg                | 2mL                  |  |  |
| Other                              |                     |                       |                      |  |  |
| Sodium Bicarb 8.4%                 |                     | 40mmol                | 40mL                 |  |  |
| Calcium Chloride 10%               |                     |                       | 4mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg    | Seizure             | 10mg<br>(max 2 doses) | 1mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg           | Seizure<br>2nd line | 1600mg                | 16mL                 |  |  |
| Tranexamic Acid<br>15mg/kg         | Trauma              | 600mg                 | 6mL                  |  |  |
| Antibiotics                        |                     |                       |                      |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)  |                     | 3.2g                  | 32mL                 |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)  |                     | 1.2g                  | 20mL                 |  |  |
| Meropenem<br>20mg/kg (50mg/ml)     |                     | 800mg                 | 16mL                 |  |  |
| 12 YEARS <b>40KG</b> 147-153cm     |                     |                       |                      |  |  |

|                    | 14 YEARS - 50KG       |              |                           |  |
|--------------------|-----------------------|--------------|---------------------------|--|
| Normal Vital Signs |                       |              |                           |  |
| RR                 | Tidal Volume          | HR           | Sys BP                    |  |
| 12-24              | 300mL                 | 65-115       | >100mmHg                  |  |
| Fluid Bolus        |                       |              |                           |  |
| 5mL/kg             | 10mL/kg               | 20mL/kg      | Blood - 5mL/kg            |  |
| 250mL              | 500mL                 | 1000mL       | 250mL                     |  |
| Airway             |                       |              |                           |  |
| ETT Size           | ETT Length            | Laryngoscopy | Mac 3                     |  |
| 7 cuffed           | 19cm                  |              | (adult) iGel 3 = (yellow) |  |
| Pre-Hospital       | <b>Emergency A</b>    | naesthesia 💮 |                           |  |
| Fentanyl           | 3mcg/kg<br>50mcg/ml   | 150mcg       | 3mL                       |  |
| Ketamine           | 2mg/kg<br>10mg/mL     | 100mg        | 10mL                      |  |
| Rocuronium         | 1mg/kg<br>10mg/mL     | 50mg         | 5mL                       |  |
| Sedation           |                       |              |                           |  |
| Midazolam          | 0.1mg/kg<br>1mg/mL    | 5mg          | 5mL                       |  |
| Ketamine           | 0.5mg/kg<br>10mg/mL   | 25mg         | 2.5mL                     |  |
| Analgesia          |                       |              |                           |  |
| Morphine           | 0.1mg/kg<br>1mg/mL    | 5mg          | 5mL                       |  |
| Nasal<br>Fentanyl  | 1.5mcg/kg<br>50mcg/ml | 75mcg        | 1.5mL                     |  |
| Paracetamol        | 15mg/kg<br>10mg/mL    | 750mg        | 75mL                      |  |
|                    | 14 YEARS - 50KG       |              |                           |  |

|                                       | 14 YEARS -          | 50KG                  |                      |  |  |
|---------------------------------------|---------------------|-----------------------|----------------------|--|--|
| Fluid - Other                         | 14 ILANS -          | JUNG                  |                      |  |  |
| Glucose 10%                           |                     | 2ml/kg                | 100mL                |  |  |
|                                       |                     | 2mL/kg                |                      |  |  |
| Hypertonic Saline 5%                  |                     | 3mL/kg                | 150mL                |  |  |
| Cardiovascular                        |                     |                       |                      |  |  |
| Defibrillation 4J/kg                  |                     | 200J                  |                      |  |  |
| Adrenaline 1:10,000<br>10mcg/kg       | Arrest              | 500mcg                | 5mL                  |  |  |
| Amiodarone 5mg/kg<br>(30mg/mL)        | Arrest              | 250mg                 | 8.5mL                |  |  |
| Adrenaline 1:100,000<br>0.15mcg/kg    | Inotrope            | 7.5mcg                | 0.8mL                |  |  |
| Adrenaline 1:1000<br>10mcg/kg         | Anaphylaxis         | 500mcg IM             | 0.5mL                |  |  |
| Atropine 20mcg/kg<br>(300mcg/mL)      | HR <60              | 600mcg                | 2mL                  |  |  |
| Other                                 |                     |                       |                      |  |  |
| Sodium Bicarb 8.4%                    |                     | 50mmol                | 50mL                 |  |  |
| Calcium Chloride 10%                  |                     |                       | 5mL                  |  |  |
| <b>Diazemuls IV</b><br>0.4mg/kg       | Seizure             | 10mg<br>(max 2 doses) | 2mL<br>(max 2 doses) |  |  |
| Levetiracetam<br>40mg/kg              | Seizure<br>2nd Line | 2g                    | 20mL                 |  |  |
| Tranexamic Acid<br>15mg/kg (100mg/ml) | Trauma              | 750mg                 | 7.5mL                |  |  |
| Antibiotics                           |                     |                       |                      |  |  |
| Ceftriaxone<br>80mg/kg (100mg/ml)     |                     | 4g                    | 40mL                 |  |  |
| Co-Amoxiclav<br>30mg/kg (60mg/ml)     |                     | 1.2g                  | 20mL                 |  |  |
| Meropenem 20mg/kg (50mg/ml)           |                     | 1g                    | 20mL                 |  |  |
| 14 YEARS - 50KG                       |                     |                       |                      |  |  |

These cards are intended as a guide for the management of paediatric emergencies. Drug doses have been rounded to pragmatic numbers for ease of administration. All clinicians should exercise clinical judgement in their practice.

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