

## **PHARMACUETICALS CHECKLIST: NEONATAL – REG / TERT.**

| Year: |   | Unit: |       |     |      |           |             |             |            |            |            |          |             |           |
|-------|---|-------|-------|-----|------|-----------|-------------|-------------|------------|------------|------------|----------|-------------|-----------|
|       | completed monthly by the pharmacis  |       |       |     |      | rmaceutic | als are cur | rently in s | tock eithe | r in pharm | acy or the | neonatal | unit. Final | score for |
|       | naceuticals is based on availability of r<br>late required monthly stock levels and |       |       |     | nit. |           |             |             |            |            |            |          |             |           |
|       | macy stock  | Stock | April | May | June | July      | Aug         | Sept        | Oct        | Nov        | Dec        | Jan      | Feb         | Mar       |
| Antil | piotics   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 1.    | Acyclovir (IV or Oral)  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 2.    | Amikacin  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 3.    | Augmentin (IV and Oral)   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 4.    | Azithromycin  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 5.    | Ceftriaxone   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 6.    | Ciprobay  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 7.    | Cloxacillin   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 8.    | Colistin  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 9.    | Fluconazole   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 10.   | Ganciclovir   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 11.   | Gentamicin  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 12.   | Meropenem   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 13.   | Penicillin G  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 14.   | Tazocin   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 15.   | Valganciclovir  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 16.   | Vancomycin  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| Resp  | iratory   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 17.   | Caffeine IV   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 18.   | Sildenafil  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| Seda  | tion and Anticonvulsants  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 19.   | Perfalgan   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 20.   | Sodium Valproate (epilim)   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 21.   | Vecuronium  |       |       |     |      |           |             |             |            |            |            |          |             |           |
| Card  | iac/Anti-inflammatory   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 22.   | Captopril   |       |       |     |      |           |             |             |            |            |            |          |             |           |
| 23.   | Dexamethasone   |       |       |     |      |           |             |             |            |            |            |          |             |           |

| Card | Cardiac/Anti-inflammatory cont. |  | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar |
|------|---------------------------------|--|-------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| 24.  | Digoxin                         |  |       |     |      |      |     |      |     |     |     |     |     |     |
| 25.  | Hydrocortisone                  |  |       |     |      |      |     |      |     |     |     |     |     |     |
| 26.  | Ibuprofen syrup                 |  |       |     |      |      |     |      |     |     |     |     |     |     |
| 27.  | Prostin IV                      |  |       |     |      |      |     |      |     |     |     |     |     |     |
| Diur | Diuretics                       |  |       |     |      |      |     |      |     |     |     |     |     |     |
| 28.  | Furosemide                      |  |       |     |      |      |     |      |     |     |     |     |     |     |
| 29.  | Hydrochlorothiazide             |  |       |     |      |      |     |      |     |     |     |     |     |     |
|      | Pharmacy stock Total:           |  |       |     |      |      |     |      |     |     |     |     |     |     |

| War  | d stock                       | Stock | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar |
|------|-------------------------------|-------|-------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| Anti | biotics                       |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 1.   | Ampicillin                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 2.   | Cefotaxime                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 3.   | Metronidazole                 |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Resp | piratory                      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 4.   | Aminophylline amps            |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 5.   | Caffeine citrate              |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 6.   | Magnesium Sulphate            |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 7.   | Surfactant                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Seda | Sedation and Anticonvulsants  |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 8.   | Diazepam                      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 9.   | Lignocaine 2%                 |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 10.  | Lorazepam                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 11.  | Midazolam                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 12.  | Morphine                      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 13.  | Phenobarbitone (oral)         |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 14.  | Phenytoin                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Card | liac/Anti-inflammatory        |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 15.  | Adrenaline                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 16.  | Dobutamine                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 17.  | Dopamine                      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 18.  | Prostin E2                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Spra | y bottles                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 19.  | Alcohol based hand rub (pump) |       |       |     |      |      |     |      |     |     |     |     |     |     |
|      | Ward stock A. Total           |       |       |     |      |      |     |      |     |     |     |     |     |     |

| Spra | y bottles continued                   | Stock | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar |
|------|---------------------------------------|-------|-------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| 20.  | Chlorhexidine tincture 70%            |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 21.  | Water (for cleaning perineum)         |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Gene | eral                                  |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 22.  | Emulsifying ointment                  |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 23.  | Calciferol (Vit. D)                   |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 24.  | Calcium gluconate                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 25.  | Chlormycetin eye ointment             |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 26.  | Dextrose 50%                          |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 27.  | Dextrostix (for unit glucometer)      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 28.  | Ferrodrops                            |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 29.  | Folate                                |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 30.  | Glucagon                              |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 31.  | Insulin (Actrapid)                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 32.  | Konakion (Vit K)                      |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 33.  | KY Jelly                              |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 34.  | Multivitamin syrup                    |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 35.  | Nacl amps. 10ml                       |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 36.  | Sterile water amps. 10ml              |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 37.  | Sucrose 24% *                         |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 38.  | TBCo (Friars balsam)                  |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 39.  | Urine dipstix (with specific gravity) |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 40.  | Vaseline 50ml                         |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 41.  | Zinc and castor oil                   |       |       |     |      |      |     |      |     |     |     |     |     |     |
| Vaco | litres                                |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 42.  | Dextrose 5% 200ml                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 43.  | Neonatalyte 200ml                     |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 44.  | Normal Saline 200ml                   |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 45.  | Ringers 200ml                         |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 46.  | Sodabic 4%                            |       |       |     |      |      |     |      |     |     |     |     |     |     |
| 47.  | Water for irrigation 1000ml           |       |       |     |      |      |     |      |     |     |     |     |     |     |
|      | Ward stock B. Total                   |       |       |     |      |      |     |      |     |     |     |     |     |     |

| Totals:                             | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar |
|-------------------------------------|-------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| Pharmacy stock Total                |       |     |      |      |     |      |     |     |     |     |     |     |
| Ward stock A Total                  |       |     |      |      |     |      |     |     |     |     |     |     |
| Ward stock B Total                  |       |     |      |      |     |      |     |     |     |     |     |     |
| A. Combined Total.                  |       |     |      |      |     |      |     |     |     |     |     |     |
| B. Total possible                   | 76    | 76  | 76   | 76   | 76  | 76   | 76  | 76  | 76  | 76  | 76  | 76  |
| Divide A by B                       |       |     |      |      |     |      |     |     |     |     |     |     |
| Final Percentage (x100)             | %     | %   | %    | %    | %   | %    | %   | %   | %   | %   | %   | %   |
| Sign                                |       |     |      |      |     |      |     |     |     |     |     |     |
| Desig.                              |       |     |      |      |     |      |     |     |     |     |     | ļ   |
| Action taken for unavailable items: |       |     |      |      |     |      |     |     |     |     |     |     |

\* Premixed sucrose solution is not readily available. Therefore it will need to be prepared (with sterile water and sugar/sucrose powder) by the facility pharmacy using the guide below:

## Sucrose preparation:

Multiply the total required volume of solution by 0.24 in order to determine the required sucrose/sugar volume in grams. Add sterile water (the difference between total required volume and volume of sugar/sucrose) to the sugar/powder to make up the required total volume.

An example of a calculation for a 1L solution:

0.24 x 1000=240gm of sucrose/sugar. Add sterile water (about 760ml) to make up a total of 1 litre (1000ml) of 24% sucrose solution.

This has a very short shelf life. (Approximately 2 weeks in a fridge) so should be made in small batches. At ward level a syringe can be drawn up for each baby and kept at the bedside for 24hrs (for ease of use).