## **Medications – Dosing by Weight**



Digital Health Quick Reference Guide

1. Go to Orders and Referrals

+ Add on the Table of Contents and click + Add

## 2. Search for the medication:

| Search: | paracet 240          | ۹.                | Advanced Options      | Type      | 0      | Inpatient            | •                       |                    |
|---------|----------------------|-------------------|-----------------------|-----------|--------|----------------------|-------------------------|--------------------|
| € Up    | paracetamol 240 mg/5 | mL oral liquid    | 000 mg Oral Suspen    | tion BD   | May    | lose ner 24 hours:   | n of paracetamol)       |                    |
| Dx      | paracetamol 240 mg/5 | mL oral liquid    | ouv mg. Oral, Suspen  | tion, BD, | PRN    | for pain or fever, N | ax dose per 24 hours: _ | g of paracetamol)  |
| Nur     | paracetamol 240 mg/5 | mL oral liquid (1 | 5 mg/kg, gral, Susper | sion, QI  | ), Max | dose per 24 hours    | : 4 doses per 24 hours) | N                  |
| Blood   | paracetamol 240 mg/5 | mL oral liquid    | ,999 mg, Oral, Suspen | sion, QID | , Max  | dose per 24 hours    | 4 g of paracetamol)     | 12                 |
| CK      | paracetamol 240 mg/5 | mL oral liquid (1 | ,000 mg, Oral, Suspen | tion, QIE | PRN    | for pain or fever, I | Max dose per 24 hours:  | 4 g of paracetamol |
| Calciu  | "Enter" to Search    |                   |                       |           |        |                      |                         |                    |

## 3. The Dosage Calculator will appear:

| 1) Target dore:   | hc                                |  |            | 1  | Dose Forms Order Comments  |                                       |   |
|---|-----------------------------------|--|------------|--|--|---------------------------------------|---|
| Calculated data   | 226                               | mg/kg  | , •        | U I  |  |                                       |   |
| c) Laiculated dote:   | 225                               | mg   | 100 1      |  |  |                                       | * |
| I) Final dose:  | 225                               | mg   | 15         | mg/kg  |  |                                       |   |
| 5) Standard dose:   |                                   | mg   | _          | mg/kg  |  |                                       |   |
| ) Rounding rule:  | No rounding                       |  |            | •  |  |                                       |   |
| 7) Adjust Reason:   |                                   |  |            |  | ^  |                                       | * |
| B) Route:   | Oral                              |  |            |  | *  |                                       |   |
| leference Data  |                                   |  |            |  |  |                                       |   |
| leference Data<br>Date of birth:<br>Sex.<br>Ethnicity:<br>Height:   | 30/07/1956<br>M                   | e<br>cm  | (62 Years) | Source:  | Manually entered   | •                                     |   |
| leference Data<br>Date of birth:<br>Sex:<br>Ethnicity:<br>Height:<br>Actual weight:   | 30/07/1956<br>M                   | cm   | (62 Years) | Source:<br>Source:   | Manually entered<br>24/10/2018 11:59 AM 15:000 kg Weight Measured  | •                                     |   |
| leference Data<br>Date of birth:<br>Sex:<br>Ethnicity:<br>Height:<br>Actual weight:<br>Adjusted weight:                                   | 30/07/1956<br>M<br>15<br>15       | <ul> <li></li> <li>cm</li> <li>kg</li> <li>kg</li> </ul> | (62 Years) | Source:<br>Source:<br>Adjustment   | Manually entered<br>24/10/2018 11:59 AM 15.000 kg Weight Measured<br>Actual (no adjustment)  | •                                     |   |
| Leference Data<br>Date of birth:<br>Sex<br>Ethnicity:<br>Height:<br>Actual weight:<br>Adjusted weight:<br>Serum creatinine:               | 30/07/1956<br>M<br>15<br>15<br>40 | cm<br>kg<br>umol/L                                       | (62 Years) | Source:<br>Source:<br>Adjustment:<br>Source:                                       | Manually entered<br>24/10/2018 11:59 AM 15:000 kg Weight Measured<br>Actual (no adjustment)<br>23/10/2018 3:16 PM 40:00 umol/L Creatinine Level                                  | •                                     |   |
| Leference Data<br>Date of birth:<br>Sex<br>Ethnicity:<br>Height:<br>Actual weight:<br>Adjusted weight:<br>Serum creatinine:<br>DCI [est.] | 30/07/1956<br>M<br>15<br>15<br>40 | cm<br>kg<br>umo/L  | (62'Years) | Source:<br>Source:<br>Adjustment:<br>Source:<br>Algorithm:                         | Manually entered<br>24/10/2018 11:59 AM 15:000 kg Weight Measured<br>Actual (no adjustment)<br>23/10/2018 3:16 PM 40:00 umol/L Creatinine Level<br>Cockroft-Gault (Ideal Weight) | •<br>•<br>•<br>•<br>•<br>•            |   |
| Leference Data<br>Date of birth:<br>Sex<br>Ethnicity:<br>Height:<br>Actual weight:<br>Adjusted weight:<br>Serum creatinine:<br>DCI [est.] | 30/07/1956<br>M<br>15<br>15<br>40 | cm<br>kg<br>umol/L                                       | (62 Years) | Source:<br>Source:<br>Adjustment:<br>Source:<br>Algorithm:<br>Weight Used for CrCt | Manually entered<br>24/10/2018 11:59 AM 15:000 kg Weight Measured<br>Actual (no adjustment)<br>23/10/2018 3:16 PM 40:00 umol/L Creatinine Level<br>Cockroft-Gault (Ideal Weight) | •<br>•<br>•<br>•<br>•<br>Missing data |   |

Note the final dose has been automatically calculated based on the patient's latest weight (shown in the blue

Weight: 15kg 24/10/2018 11:59

banner bar):

If the user edits the 'Actual weight' field, the final dose will automatically change accordingly. The 'Actual weight' field should only be modified if the weight in the banner bar is not up to date. The patient's weight in the banner bar needs to be updated immediately afterwards.

## Using Adjusted Weight

To use a weight that is **different** from the actual weight, enter new weight into '**Adjusted weight**' field. The final dose will **automatically change** accordingly.

The 'Adjustment' drop down can also be used to select Ideal Body Weight, Lean Body Weight, Adjusted Body Weight, or Manually Entered.



Remember to <u>double check</u> the 'Max dose per 24 hours'

Digital Health

**Digital Health** 

**Quick Reference Guide** 

4. Click "Apply Dose" and review order



