**Managing Hyperketosis in Patients in Hospital**

**If child is unwell or NBM and displays the following symptoms:**

### SYMPTOMS OF HYPERKETOSIS

Facial flushing

Vomiting

Rapid, panting breathing

Increased heart rate

Unexpected lethargy or tiredness

Unexpected irritability

Excessive fruity odour on the breath

Test blood ketone levels

**If blood ketone levels >6.0 mmol/ L\***

### START TREATMENT

**Give:**

* **50ml 10% Maxijul water** (5g Maxijul ( 1 yellow scoop) dissolved in 50ml water)
* **OR 50ml pure fruit juice** (apple/orange)
* **OR Glucogel®** (10g glucose per 25g tube. Squeeze half a tube into child’s mouth if unable to take Maxijul water orally/NG/PEG)

**Continue feed as per normal feeding plan**

**Refer to Clinical guidelines for Ketogenic diet on EPNG website**

Re-test blood ketone levels after 20 minutes

**If blood ketones >6.0 mmol/ L\***

**Give further 50ml 10% Maxijul water OR Glucogel® as above**

**Repeat blood ketones after 20 minutes. If within the appropriate range**

**return to twice daily monitoring**

Contact Ketogenic Diet team for further advice

\*No action required for ketones <6.0 mmol/L