

PAEDIATRIC CAT SCAN (CT) SEDATION PROTOCOL

* Is the patient allergic to “iodinated contrast”? Yes No Not Known

Child's Weight.....kg

1. Phone CT on ext 55514 regarding the need for oral contrast or IV contrast
2. If oral required, the correct dose of Gastrografin will be sent to the ward.

Need for Oral Contrast Yes No

3. Mix the provided dose with diluted apple juice (50% apple juice and 50 % water.)

Oral Contrast- Gastrografin™ mixed with diluted apple juice.

Under 2 year	: 100 mL or a normal feed volume for the child.
2 years	: 200 mL.
3 -5 years	: 400 mL.
6 years and over	: 600 mL.

4. Have the child drink the solution over 1 hour, to be finished 2 hours prior to scan time.
5. The child then remains Nil By Mouth (NBM) until the scan is completed.
6. If IV contrast required, an IV Cannula must be inserted.

Need for IV Cannula Yes No

Cannula inserted (position) By.....Date.....

7. Obtain consent. Implicit/verbal consent for the procedure and sedation is adequate.

Usual Sedation Protocols.

- 0 - 3 mths : Fast, feed and wrap (time feed 30 mins prior to scan)
- 3 mths - 4 yrs : **Check timing with CT Radiographer to ensure availability of scanner.**
: Single dose Chloral Hydrate 50 -75 mg/kg/dose as prescribed given 30 minutes prior to scan time.
- > 4 yrs, unable to co-operate: Consider general anaesthesia.

Date/Time of scanChloral Hydrate administeredhrs

Monitoring and Escort

A nurse or doctor should be available to transfer and stay with the patient whilst the CT is being performed. A parent/carer should also accompany the child.

The child will be returned immediately to the ward for recovery following the CT.

Required Equipment

Paediatric Air / Resuscitation Kit.

Pulse Oximetry with audible alarms and tones is mandatory.

Oxygen via a face mask may be used to keep the SaO₂ > 94%.

Portable suction and adult yanker sucker.

DO NOT RETAIN THIS FORM IN THE MEDICAL RECORD – FOR CT DATA COLLECTION ONLY