Blank Children's Hospital
UnityPoint Health

Associated Anesthesiologists, P.C.

Outpatient Chest CT Protocol

Patient identified that needs a Chest CT. For all patients, indicate in comments: Please schedule between 8 am and 3 pm to utilize Child Life/Pediatric Radiology Nursing staff.

Is IV Contrast needed for the study?

No

Place order for **CT Chest without Contrast**. Attempt CT utilizing Child Life, and, if needed, a prn anxiolytic (such as oral or intranasal versed). **Oral** versed dose 0.25-0.5 mg/kg, max 20 mg. **IN** versed dose 0.1-0.4 mg/kg, max 10 mg.

If unsuccessful

Reschedule patient.
Place order for **CT Chest without contrast with consult to Pediatric Sedation/General Anesthesia.** Child will need an H&P within 30 days of the planned sedation/ procedure. Sedation team will review to determine Peds Sedation versus Anesthesia.

Yes

Place order for **CT Chest with Contrast**. Utilize LMX, Child Life, and (if needed) a prn anxiolytic (versed) for IV placement and study. **Oral** versed dose 0.25-0.5 mg/kg, max 20 mg. **IN** versed dose 0.1-0.4 mg/kg, max 10 mg.

If unsuccessful

Reschedule patient.

Place order for **CT chest with contrast with consult to Pediatric Sedation/ General Anesthesia**. Child will need an H&P within 30 days of the planned sedation/procedure. Sedation team will review to determine Peds Sedation versus Anesthesia.

If Pediatric Sedation/General Anesthesia is required for Chest CT, CT will coordinate the procedure with the appropriate service.

Updated 9.2026