Protocol for Arranging for Sedation for Imaging of Pediatric Patients

This protocol is ONLY to be used for MRIs performed after 6pm, on the weekend and/or on a holiday

If a pediatric patient is located in the Comer ED, Comer 5, Comer 6, the NICU and/or the PICU/CICU and a MRI with sedation is needed, please follow these steps:

1. The Primary or Subspecialty Resident will contact his/her Attending and determine the patient requires an emergent MRI. The primary team can make the determination if sedation is needed.
   a. If sedation is not required, refer to Radiology Policy No. 2023: Technical Coverage for After Hours Radiology Exams
2. The Resident (Primary or Subspecialty) requesting the emergent MRI will contact the Radiology Resident On-Call (pgr.7046) and discuss the need for an emergent MRI.
   a. If needed, escalate the conversation to the level of the Attending Physicians
3. The Primary or Subspecialty Resident will then contact his/her Attending and inform him/her that Radiology has been notified and the sedated imaging procedure has been approved by Radiology.
4. The Primary or Subspecialty Attending will contact the Pediatric Anesthesiologist On-Call and discuss the use of sedation during the imaging procedure. In the Comer ED, the Subspecialist Attending will contact the Pediatric Anesthesiologist On-Call. The two Attendings will determine the most appropriate time frame for the imaging procedure.
   a. If the sedated procedure CAN NOT be performed by Anesthesia, the pediatric Anesthesiologist will contact the pediatric Critical Care Attending and arrange for the sedation to be ordered by a PICU Physician (Attending or Fellow) with a PICU Nurse for sedation administration and patient monitoring
5. The Primary or Subspecialty Attending will inform his/her Primary or Subspecialty Resident of the time for the sedation
6. The Primary or Subspecialty Resident will...
   a. Place an order for the MRI with sedation by Anesthesia or PICU Physician (Attending or Fellow)
   b. Contact the Radiology Resident On–Call (pgr. 7046) and coordinate the time for the imaging procedure
   c. Contact the ER Physician (if the patient is a Comer ED patient) or the Charge Nurse of the respective unit (i.e. Comer 5 & 6, PICU/CICU, NICU)
7. When the Radiology Technologist arrives, he/she will...
   a. Contact the Charge Nurses of the respective unit or area (including the Comer ED)
   b. Contact the Primary or Subspecialty Resident
   c. Contact the Pediatric Anesthesiologist On-Call or PICU Physician (Attending or Fellow)
8. The Primary or Subspecialty Resident will assist with the patient transport to the Center for Care & Discovery (if Anesthesia is providing sedation) or the Comer MRI (if the PICU team is providing sedation)
9. Report any difficulties with implementing this procedure to Risk Management & Patient Safety by calling the Patient Safety Hotline at 2-5544 or the Risk Manager On-Call at pager 1241