

# ACH ED Patient Safety Memo

## Patient Deterioration in the Procedure Room Safety Issue

As intubations during procedural sedations are a rare occurrence in the ED, the process for conducting an intubation in the procedure room was recently reviewed by our Human Factors and KidSIM team. Following an in-situ simulation exercise, our ED team has standardized to process and layout of the procedure room to improve the safety of this high-acuity, low-occurrence procedure (HALO).

## Action

### Intubations for Patients in the Procedure Room Will Occur in the Procedure Room

If a patient requires an advanced airway while undergoing a procedural sedation, this will occur in the procedure room (the patient will not be moved to the trauma room). Our team has modified the layout of the procedure room to ensure there is adequate space in the room to conduct an intubation.

### Trauma Team, including a 2<sup>nd</sup> RT, Will Be Called to the Procedure Room

To ensure more team members are available to assist for the intubation, the unit clerk will be asked to page for the trauma team to the procedure room. This will ensure a second physician and extra trauma-trained nurses attend to the procedure room for the management of the intubation.

One of the extra nurses will need to retrieve the intubation medication sleeve from the medication cupboard in the trauma room.

In addition, a second RT will be paged to attend emergently to the procedure room. The unit clerk will page the transport RT or the charge RT if the Transport Team is not in-hospital (this will be noted on the whiteboard by the trauma bay). Pager numbers are posted on the assignments board at the front desk.

The second RT (or designate) will retrieve the airway cart and CMAC from the trauma room. The airway cart will remain outside the procedure room.

Rather than bringing the entire airway cart into the procedure room, the second RT will gather the needed equipment from the airway cart and will bring only the necessary equipment to the head of the bed. Only the appropriate size CMAC blades should be brought into the procedure room with the CMAC.

Intubation checklist should be kept in the procedure room at all times. Additional copies are available on both the airway carts, so will be easily accessible and can be brought into the procedure room if required.

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