Anesthesia Provider Step-by-Step: Awake Fiberoptic Intubation

Wt ____ kg	BMI ____	FFM ____

- **Cerner**
  - Order Add > Type "Dexm" > Select Dexmedetomidine for CCU sedation>choose 100 ml, 400 mcg option
- **Call…**
  - OR Pharmacy at 6-4675 and alert them that Dex has been ordered *(5pm-6am call main pharmacy, 6-7756)*
  - Anesthesia Tech -"We are going to perform an AFOI in room __. The patient weighs __ kg and the dexmedetomidine is ordered." Tell them if you want the epidural catheter thread through suction port of fiberoptic scope.
  - *230 resident to observe or participate (Optional), " I am going to perform an AFOI in OR 5. Please come join me if you would like to observe (or participate)."*
- **Retrieve from Cerner** Rx 6th floor induction room
  - Remifentanil 2mg (*consider also picking up Dex from pharmacy if not working in main ORs)*
  - *Nasal intubation: Oxymetazoline (Afrin)*
- **Alaris** pump setup
  - **Remifentanil infusion** (50 mcg/ml): for infusion rate **0.05 mcg/kg/min**, use **Fat Free Mass**

MEN: FAT FREE MASS (FFM)- Janmahasatian equation									
BMI	**90kg**	**95kg**	**100kg**	**110kg**	**125kg**	**140kg**	**160kg**	**190kg**	**220kg**
30	*63*	*67*	*70*	*77*	*88*	*99*	*113*	*134*	*155*
35	*59*	*62*	*65*	*72*	*81*	*91*	*104*	*124*	*143*
40	*54*	*57*	*61*	*66*	*76*	*85*	*97*	*115*	*133*
45	*51*	*54*	*56*	*62*	*71*	*79*	*90*	*107*	*124*
50	*48*	*50*	*53*	*58*	*66*	*74*	*85*	*101*	*117*
55	*45*	*47*	*50*	*55*	*62*	*70*	*80*	*95*	*110*
60	*42*	*45*	*47*	*52*	*59*	*66*	*76*	*90*	*104*
70	*38*	*40*	*43*	*47*	*53*	*60*	*68*	*81*	*96*
80	*37*	*37*	*39*	*43*	*48*	*54*	*62*	*74*	*85*

WOMEN: FAT FREE MASS (FFM)- Janmahasatian equation									
BMI	**90kg**	**95kg**	**100kg**	**110kg**	**125kg**	**140kg**	**160kg**	**190kg**	**220kg**
30	*52*	*54*	*58*	*63*	*72*	*80*	*92*	*109*	*127*
35	*48*	*51*	*54*	*59*	*67*	*75*	*86*	*102*	*118*
40	*45*	*48*	*50*	*55*	*63*	*70*	*80*	*95*	*110*
45	*42*	*45*	*47*	*52*	*59*	*66*	*75*	*89*	*103*
50	*40*	*42*	*44*	*49*	*55*	*62*	*71*	*84*	*97*
55	*38*	*40*	*42*	*46*	*52*	*58*	*67*	*79*	*92*
60	*36*	*37*	*40*	*44*	*49*	*55*	*63*	*75*	*87*
70	*32*	*34*	*36*	*39*	*45*	*50*	*57*	*68*	*79*
80	*29*	*31*	*33*	*36*	*41*	*46*	*52*	*62*	*72*

- **Confirm…**
  - Dexmedetomidine settings: 1mcg/kg over 10 minutes (actual body weight)
  - RN room is ready and alert them that AFOI is planned
- **In induction room…**
  - Administer glycopyrrolate 0.2-0.4 mg IV if medically appropriate (consider contraindications i.e. CAD, glaucoma)
  - Transport patient to OR and begin sedation protocol as below:

-12 min	Give Dexmedetomidine load over 10 minutes Place monitors Patient upright on OR table
-5 min	Lidocaine atomizer to posterior pharynx and each tonsillar pillar
-2 min	Start Remifentanil infusion
0 min	Check Gag reflex, if inadequate consider glossopharyngeal nerve block (if needed, call for assistance with this block)
0 min	Perform oral or nasal fiberoptic intubation with patient's tongue held by assistant using 4x4 gauze Use epidural catheter to inject lidocaine "as you go"
1 min	After ETT placement, induce with Propofol 50 mg

PLEASE PROVIDE FEEDBACK – Your anesthesia tech will submit this.

How well did the protocol and setup work?