

The slide features a decorative background with a dark blue vertical bar on the left and a dark grey horizontal bar at the bottom. The top-left corner has a blue bokeh light effect. The main content area is white.

# Preoperative Anesthesia Reviews

AN OVERVIEW

The logo for First Hill Surgery Center, featuring the text "First Hill" in a blue serif font with a blue arc above it, and "SURGERY CENTER" in a grey sans-serif font below it.

First Hill  
SURGERY CENTER

# CONTENT

- Indications for preoperative anesthesia review (AR)
- What information needs to be supplied with scheduling form for review
- BMI Calculator
- Pre operative testing guidelines
- Closing the loop

# THE REVIEW PROCESS

- The surgeon enters the order into EPIC or completes the FHSC scheduling request form [<http://firsthillsurgerycenter.com/sites/default/files/FHSC-Case-Request-Fax-Form-Interactive%20or11.pdf>]; determines that an anesthesia review is required and provides the reason for review.

**ANESTHESIA REVIEW FIELD ON THE FHSC SCHEDULING REQUEST FORM**

Latex Allergy:	<input type="checkbox"/> Yes / <input type="checkbox"/> No
Anesthesia Review Required:	<input type="checkbox"/> Yes / <input type="checkbox"/> No If Yes, Why?:
Interpreter:	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, what Language:

- The office sends a staff message in EPIC to the surgery scheduler and submits scheduling form (if applicable) noting whether patients medical record is in EPIC or located elsewhere.
- Surgery scheduler sends an EPIC staff message to the pre-admissions nurse with AR request.
- A pre-admission Anesthesiologist reviews the patients chart and completes an anesthesia summary note in Epic. PAC nurses notes can be found in the Notes section under PreOp Note. The Anesthesia note will indicate if the patient is cleared, not cleared or needs further workup for surgery at FHSC.

# REASON FOR ANESTHESIA REVIEW

- **BMI** – Any patient with a BMI greater than 40 (patients weighing more than 350 pounds are not suitable for surgery at FHSC).
- **Sleep apnea** – Any patient with a history of severe OSA or OSA without CPAP use.
- **Cardiac** – Any patient with a history of any type of cardiac issue [[see evaluation form for patients with CIED](#)]
- **Kidney Failure** – Any patient with a history of acute/chronic renal failure, transplant, or dialysis.
- **Other** – Any patient with multiple co-morbidities or any medical issues of uncertainty. If unsure, please submit for anesthesia review and allow the PAC team to make the decision. Please call with any questions.

**Pre-admission clinic – 206.320.7751**

**FHSC reception – 206.320.7750**

# WHAT INFORMATION TO SUBMIT FOR REVIEW

- **BMI** - Accurately determine BMI ( see BMI calculator on slide 7)
- **Sleep apnea** - Most recent sleep study report and CPAP use  
- Most recent progress note from sleep study MD or clinic
- **Cardiac** - EKG within last 6 months if history of cardiac disease or arrhythmia  
- Most recent progress note from cardiologist  
- Echo if available  
- Pacemaker interrogation report within 12 months including magnet mode information [[see evaluation form for patients with CIED](#)]  
- Recent PT/INR results (if anti-coagulated)
- **Kidney Failure** - Most recent progress note from nephrologist  
- Current dialysis schedule and date of last dialysis  
- Most recent K and Creatinine results
- **Chronic Pain** - Known narcotic tolerance and/or known use of opioid agonist
- **Other** - Any progress note or labs pertaining to issue of concern

**We request that all required information be submitted at least 3 days before surgery. If it is not submitted surgery may need to be rescheduled.**

# BODY MASS INDEX TABLE

## Polyclinic Surgery Center Body Mass Index Table

		BMI															
		35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Height	5'	179	184	189	194	199	204	209	215	220	225	230	235	240	245	250	255
	5' 1"	185	190	195	201	206	211	217	222	227	232	238	243	248	254	259	264
	5' 2"	191	196	202	207	213	218	224	229	235	240	246	251	256	262	267	273
	5' 3"	197	203	208	214	220	225	231	237	242	248	254	259	265	270	278	282
	5' 4"	204	209	215	221	227	232	238	244	250	256	262	267	273	279	285	291
	5' 5"	210	216	222	228	234	240	246	252	258	264	270	276	282	288	294	300
	5' 6"	216	223	229	235	241	247	253	260	266	272	278	284	291	297	303	309
	5' 7"	223	230	236	242	249	255	261	268	274	280	287	293	299	306	312	319
	5' 8"	230	236	243	249	256	262	269	276	282	289	295	302	308	315	322	328
	5' 9"	236	243	250	257	263	270	277	284	291	297	304	311	318	324	331	338
	5' 10"	243	250	257	264	271	278	285	292	299	306	313	320	327	334	341	348
	5' 11"	250	257	265	272	279	286	293	301	308	315	322	329	338	343	351	358
	6'	258	265	272	279	287	294	302	309	316	324	331	338	346	353	361	368
	6' 1"	265	272	280	288	295	302	310	318	325	333	340	348	355	363	371	378
	6' 2"	272	280	287	295	303	311	319	326	334	342	350	358	365	373	381	389
	6' 3"	279	287	295	303	311	319	327	335	343	351	359	367	375	383	391	399
6' 4"	287	295	304	312	320	328	336	344	353	361	369	377	385	394	402	410	

### Weight and BMI guidelines

-Patients with a BMI less than 35 are ok for all cases in the Surgery Center.

ORANGE - Patients with a BMI greater than 35 and less than 40 will be accepted for minor procedures only. Any case other than this will require an anesthesia review to assess for suitability in the Surgery Center.

RED - Patients with a weight greater than 136kg (300lbs) or BMI greater than 40 require an anesthesia review to assess for suitability in the Surgery Center.

BLACK - Patients with a weight greater than 159kg (350lbs) are not suitable candidates for surgery in the Surgery Center.

# PRE-OPERATIVE TESTING GUIDELINES

1. Healthy patients (ASA I) of any age undergoing minimally invasive surgery or undergoing moderately invasive surgery in which blood loss or significant hemodynamic changes are unlikely.
  - No testing required.
2. Patients with chronic stable medical conditions (ASA II) such as hypertension, diabetes or coronary artery disease undergoing minimally or moderately invasive procedures.
  - Testing is indicated only for specific medical conditions (see pre-anesthesia testing guidelines outlined below)
3. Patients with ongoing, unstable medical conditions (ASA III) such as symptomatic CAD, CHF or severe COPD undergoing minimally or moderately invasive procedures.
  - These patients are not suitable candidates for surgery in the Surgery Center
  - Patients with implantable cardioverter-defibrillators are not suitable candidates for surgery in the Surgery Center.

## Pre-Anesthesia Testing Guidelines

	No testing required	Potassium (K+)	EKG	INR (within 2 days of surgery)	Blood Glucose (upon admission)	Pregnancy test (day of surgery)
Healthy	X					
Diuretics		X				
Digoxin use		X				
Renal Insufficiency/Failure		**X				
History of CAD or Arrhythmias			X			
Coumadin				X		
Diabetes					X	
Possible pregnancy						*X

\*No routine testing is required for pregnancy. Careful history should be obtained by the Anesthesiologist and selective testing will occur if indicated. Surgery may be cancelled if any possibility of pregnancy exists or result of test is positive for pregnancy.

\*\*Potassium for renal insufficiency/failure must be within 24 hours of surgery time and post dialysis (if pt currently on dialysis).

### Timing of Pre-Anesthesia Testing (K+ and EKG)

Pre-Anesthesia tests performed within 6 months of surgery are acceptable for assessments unless significant abnormalities are present and/or the patient's medical condition has changed during the interval between the laboratory testing date and the date of surgery.

\*\*Potassium for renal insufficiency/failure must be within 24 hours of surgery time and post dialysis (if pt currently on dialysis).

# CLOSING THE LOOP

## **Once the anesthesia review has been completed:**

- Anesthesia PAC Note can be found in the NOTE section under Anesthesiology Pre-Admission Clinic in EPIC. Anesthesia Summary Note can be found in the NOTE category of the PreAdmit Clinic section in EPIC.
- If the patient is approved for surgery at FHSC, the surgeon's office will not be contacted and the surgery will proceed as scheduled.
- If the patient is not approved for surgery at FHSC, the PreAdmission RN will contact the surgeon's office and let them know why.
- If the patient needs further workup as indicated by anesthesia, the PreAdmission RN will contact the surgeon's office. The surgeon's office is responsible for facilitating the necessary tests/labs before the surgery.

**All required information should be submitted at least 3 days before surgery.**

**If it is not submitted, surgery may need to be rescheduled.**