

# Pre surgical assessment

## Internal Medicine Pathway

### CVS

- A. Coronary artery disease with:**
- ① MI or stent <12 months
  - ② < 4 METS functional capacity (cannot walk up a flight of stairs)
  - ③ Age > 75
  - ④ Current Angina
- B. Severe valvular lesion/ valve replacement**
- C. Anticoagulation** (Warfarin, Plavix, Ticagrelor, Dabigatran, Rivaroxaban, Apixaban, Edoxaban)
- D. Heart failure:** EF < 40% or symptomatic heart failure in last year.
- E. Arrhythmia:** New or uncontrolled atrial fibrillation, atrial flutter, brady dysrhythmia or other concerning rhythm
- F. High cardiac risk:** 2 ≥ of CAD, CHF, CKD (GFR < 50), DM on insulin, TIA/CVA

### RESP

- A.** Home O<sub>2</sub>
- B.** COPD/Asthma with ≥ 2 exacerbations in last year
- C.** Respiratory hospitalisation in last year

### ENDO

- A.** Diabetic on insulin or HbA1C > 9%
- B.** Chronic steroid use or immunosuppressive medications (Methotrexate, biologics)

### OTHER

- A.** BP > 180/100
- B.** DVT/PE < 12 months
- C.** Liver disease: Decompensated cirrhosis < 12 months (ascites, GI bleed, peripheral edema)

### GENERAL

- A.** Post op ICU
- B.** Poor functional capacity (< 4 METS)
- C.** Age > 85 and comorbidities
- D.** Complex medical patient or complex medical regime

## Anaesthesia Pathway

All patients presenting for elective surgery with one of the following indications and not eligible for Internal Medicine pathway

### PATIENT

Anticoagulation: Non-valvular AF on warfarin or NOAC  
 ASA 3 (Severe systemic disease with target organ dysfunction)  
 BMI > 40  
 Age > 85  
 OSA (diagnosed or STOP BANG > 4)  
 DM (uncomplicated, well controlled)  
 Transplant patients  
 Paediatric patients with comorbidities  
 Anxiety  
 Mentally challenged patients  
 Epilepsy  
 Complex psychiatric patients  
 Chronic pain syndromes (trigeminal neuralgia, complex regional pain syndrome, chronic backpain, cancer pain)  
 Chronic opioid therapy or opioid tolerance  
 Previous Anesthesia related problem

### SURGICAL

**Major Orthopaedic surgery** (Arthroplasty, spine surgery, shoulder arthroscopy)  
**Trauma surgery** (IM nailing, hip & longbone fractures, amputations)  
**Major Abdominal surgery** (major bowel resections, open cholecystectomy, major laparoscopic surgery, upper abdominal surgery)  
**Major Obstetrics & Gynaecology** (Caesarian sections, complicated pregnancy, major cancer surgery)  
**Major Urological surgery** (Prostatectomy, nephrectomy, TURBT, TURP)  
**Major ENT surgery** (Thyroidectomy, parathyroidectomy, microlaryngoscopy)  
 Other: ECT, cardioversion

IM clinic

Optimisation

Anaesthesia clinic

