



ECG for Elective Surgery

Indications for ECG

(On the day of surgery consider phoning the procedural anaesthetist to determine the requirement for ECG)

Age

- ≥ 65 years

Observations

- Heart rate ≥ 100
- Heart rate ≤ 50

Past Medical History

- **Heart or vascular disease including...**
 - Ischaemic heart disease
 - Peripheral vascular disease
 - Cerebrovascular disease
 - Heart failure
 - Arrhythmias / pacemaker / ICD
 - Heart murmur
 - Heart valve disease
 - Rheumatic fever
- **Hypertension/ Hypercholesterolaemia**
- **Smokers >20pack years**
- **COPD**
- **Obesity –BMI ≥ 40**
- **Known OSA**
- **Diabetes**
- **Thyroid disease**
- **Renal failure**
- **Liver failure**
- **Progressive neuro-muscular disease**
- **Organ transplant**

Drugs

- **Antihypertensives**
 - Beta blockers
 - Calcium channel blockers
 - Ace inhibitors / Ang II receptor antagonists
- **Nitrates**
 - Isosorbide mononitrates
 - GTN
- **Lipid lowering drugs**
 - statins
- **Anti-arrhythmics**
 - Amiodarone
 - Flecainide
 - Digoxin
- **Diuretics**
 - Frusemide / Bendrofluazide
- **Anticoagulants / antiplatelet agents**
 - Warfarin / Dabigatran / Clopidogrel / Aspirin / Dipyridamole
- **Thyroxine**

An ECG is not required if one has been performed within the last 12 months unless the patients general condition has changed.