

CODE: UWA C9  
Question: Cardiovascular

Type:

Author: Dr. John W. Jamieson

**Opening Scenario:**

62 year old man with previous heart transplant 2 years ago now presents with peritonitis secondary to ? appendiceal rupture.

**Major points of additional information to be provided to the candidate, e.g., hx, px, labs, x-ray, consults:**

P.M. Hx: - cardiomyopathy - ? viral etiology  
- hernia at age 19 years under GA OK  
- CV transplant - complicated by infection first month  
- hypertension Rx with Adalat  
CXR: - evidence of previous CV surgery, nil acute  
EKG: - Ask candidate what he/she might expect. (Double p's /ST Δ's etc)  
Hgb-108; Hct-32; WBC-4100; LFT's-(N) if asks; BUN/CR-(N) if asks.

**Major decision points (major decision points or options which must be recognized by the candidate)**

- (1) Problems of transplanted heart
- (2) Antirejection drugs & side effects (liver fat, renal, hematologic, immunity)
- (3) Status of patient due to acute process and affect on heart
- (4) Appropriate consultation
- (5) Antibiotic Rx preop

**Any followup information required to lead to the end of the question**

**Critical features to be included i.e. the *must* have to pass the question or to be considered *completely unacceptable***

- (1) Prioritizes problems and evaluates appropriately
- (2) timing of surgical intervention
- (3) anesthetic plan and understanding the effects of meds on denervated heart
- (4) must stress importance of asepsis, silent ischemia

Ref: RCEXAMS2 NOV.94  
USED:  
Last revision: 95/10

*COX* *begin* *TE Echo?* *Grady, + Hypo*

*Isoprol 7-10 μg/min,*

*Arterial line in 54 C. maintain pressure*

*12AV block common.*