

DUKE CRITERIA FOR INFECTIVE ENDOCARDITIS

MAJOR DIAGNOSTIC CRITERIA

POSITIVE BLOOD CULTURE FOR TYPICAL INFECTIVE ENDOCARDITIS ORGANISMS

- Strep Viridins
- Strep Bovis
- HACEK organisms
- Staph Aureus:
 - Without other primary site
- Enterococcus

ECHO EVIDENCE

- Oscillating Intracardiac mass:
 - On valve or supporting stricture in path of regurgitant jets.
 - On implanted material in the absence of an alternative anatomic explanation.
- Abscess
- New partial dehiscence of prosthetic valve
- New valvular regurgitation

MINOR DIAGNOSTIC CRITERIA

Predisposing heart condition or IV drug use

TEMP > 38

VASCULAR PHENOMENA

- Arterial emboli
- Pulmonary infarcts
- Mycotic anaemia
- Intracranial bleed
- Conjunctival haemorrhages
- Janeway lesions

IMMUNOLOGICAL PHENOMENA

- Glomerulonephritis
- Osler nodes
- Roth spots
- Rheumatoid factor

MICROBIOLOGICAL EVIDENCE

- Positive blood culture but does not meet Major criteria - or -
- Serological evidence of active infection with organism consistent with endocarditis excluding:
 - Coag Neg Staph
 - Other common contaminants

Echo findings consistent with endocarditis but do not meet Major criteria

DEFINITIVE ENDOCARDITIS DIAGNOSIS

2 MAJOR
CRITERIA

1 MAJOR
3 MINOR CRITERIA

5 MINOR CRITERIA

POSSIBLE ENDOCARDITIS DIAGNOSIS

1 MAJOR

1-2 MINOR CRITERIA

3 MINOR CRITERIA