



03 Endocarditis

| Indication | Therapy | Dose | Duration of therapy | Remarks |
|---|--|---|---------------------------------------|--|
| Empirical therapy ; native valves | | | | |
| Subacute endocarditis and/or long-lasting course | amoxicillin + gentamicin | 2000 mg q 4h iv 3 mg/kg q 8h iv | | Most of the time one can wait starting antibiotics until the results of the bloodcultures are known (1-3 days) |
| Fulminant course and/or intravenous drug users | Flucloxacilline + gentamicin | 2000 mg q 4h iv 3 mg/kg q 8h iv | | always take bloodcultures before starting antibiotic therapy |
| penicillin allergy | Vancomycine + gentamicin | 1000 mg q 12h iv 3 mg/kg q 8h iv | | |
| Empirical therapy ; prostetic valves | | | | |
| | Vancomycine + gentamycine | 1000 mg q 12h iv 3 mg/kg q 8h iv | | |
| Infecting organism: | | | | |
| Streptococci | | | | |
| sensitive for penicillin (MIC < 0,1mg/l): | benzylpenicillin + gentamicin | 2 milj. E q 4h iv .3 mg/kg q 8h iv | | Benzyl penicillin: uncomplicated: 2 weeks. Complicated (extracardial focus or cardial absces): 4 weeks. Prostetic valves: 6 weeks Gentamycin 2 weeks |
| intermediate sensitive for penicillin (MIC > 0,1 mg/l): | benzylpenicillin + gentamicin | 2 milj. E q 4h iv 3 mg/kg q 8h iv | | 4 weeks Prostetic valves: benzylpenicillin 6 weeks en gentamycine 4 weeks |
| gentamicin high-level resistant: | benzylpenicillin | 2 milj. E q 4h iv | 6 weeks | |
| <i>Enterococcus faecalis</i> and other enterococci | amoxicillin + gentamicin | 2000 mg q 4h iv 3 mg/kg q 8h iv | 6 weeks 2 weeks | |
| <i>Staphylococcus aureus</i> | flucloxacillin + gentamicin | 2000 mg q 4h iv 3 mg/kg q 8h iv | 6 weeks 2 weeks | |
| <i>Staphylococcus epidermidis</i> and prostetic valves | | | | |
| sensitive for flucloxacilline | Flucloxacillin + gentamicin | 2000 mg q 4h iv 3 mg/kg q 8h iv | 6 weeks 4 weeks | |
| resistant voor flucloxacilline | vancomycin + rifampicin + gentamicin | 1000 mg q 12h iv 300 mg q 8h po 3 mg/kg q 8h iv | 6 weeks 6 weeks 2 weeks | |