

fever  
in the  
ICU

causes

| System           | Infectious aetiology       | Non-infectious aetiology     |
|------------------|----------------------------|------------------------------|
| Cardiovascular   | Endocarditis               | Myocardial infarction        |
|                  | Catheter-related infection | Deep vein thrombosis         |
|                  | Pacemaker infection        | Pericarditis                 |
| Respiratory      | Pneumonia                  | Atelectasis                  |
|                  | Empyema                    | Chemical pneumonitis         |
|                  | Sinusitis                  | Pulmonary emboli             |
| Alimentary       | Abdominal abscess          | Inflammatory bowel disease   |
|                  | Biliary infection          | Acalculous cholecystitis     |
|                  | Peritonitis                | Pancreatitis                 |
|                  | Diverticulitis             | Ischaemic colitis            |
|                  | Viral hepatitis            | Non-viral hepatitis          |
|                  | Antibiotic-related colitis | Gastrointestinal haemorrhage |
| Renal            | Pyelonephritis             |                              |
|                  | Urinary tract infection    |                              |
| Central nervous  | Meningitis                 | Cerebral haemorrhage/infarct |
|                  | Encephalitis               | Seizures                     |
| Rheumatological  | Septic arthritis           | Connective tissue disease    |
|                  | Osteomyelitis              | Vasculitis                   |
| Endocrine        |                            | Gout                         |
|                  |                            | Adrenocortical insufficiency |
|                  |                            | Alcohol and drug withdrawal  |
| Skin/soft tissue |                            | Hyperthyroidism              |
|                  | Cellulitis                 | Burns                        |
|                  | Decubitus ulcer            | Intramuscular injections     |
| Other            | Wound infections           | Haematoma                    |
|                  | Parotitis                  | Drug fever                   |
|                  | Pharyngitis                | Transfusion reaction         |
|                  | Otitis media               | Neoplasms                    |