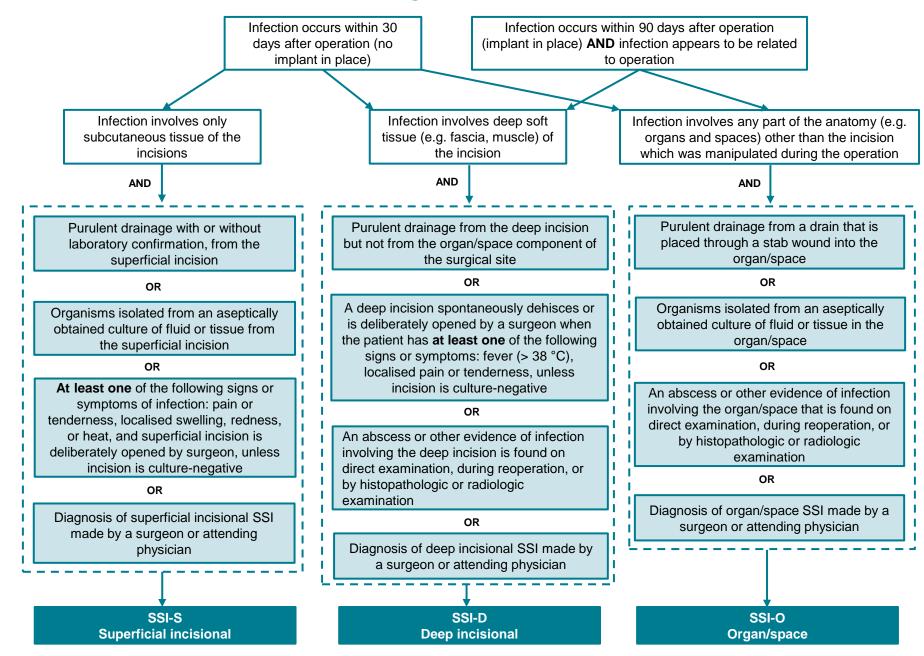


## The national point prevalence survey of healthcareassociated infections and antimicrobial use in England 2023

Flowcharts

#### SSI: Surgical site infection

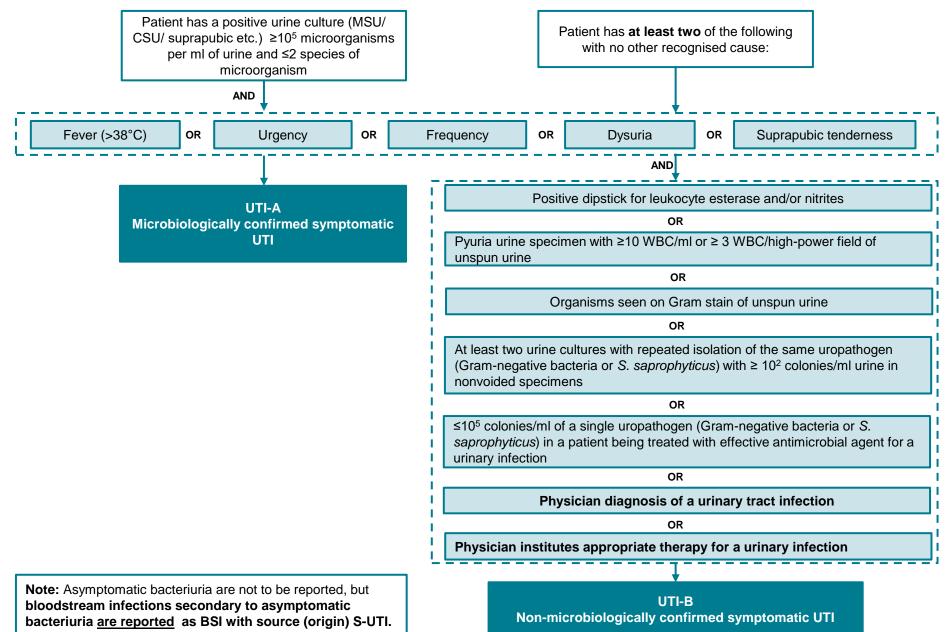


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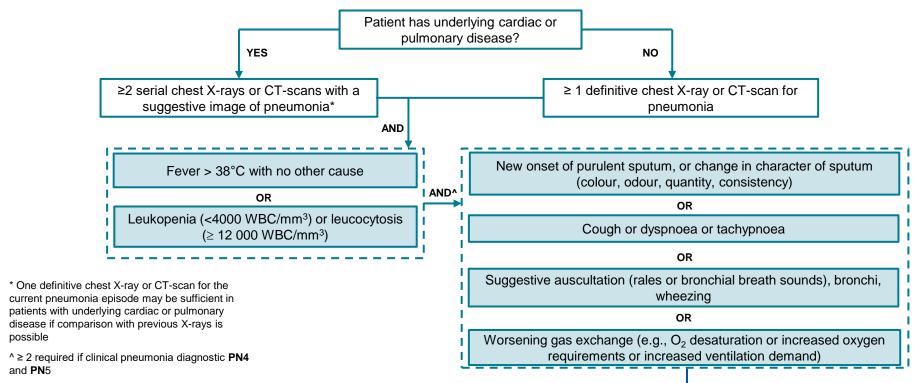
### UTI: Urinary tract infection

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#### PN: Pneumonia (includes VAP)

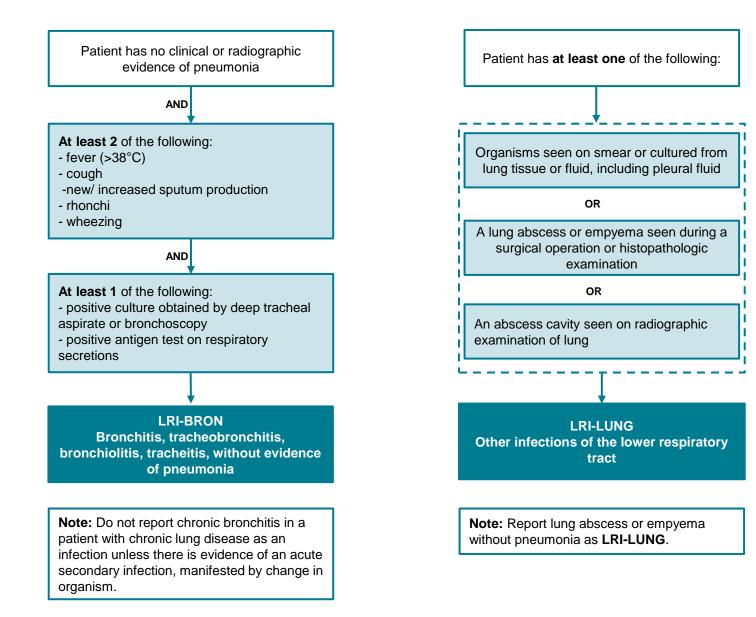


#### AND HAS THE FOLLOWING DIAGNOSTICS

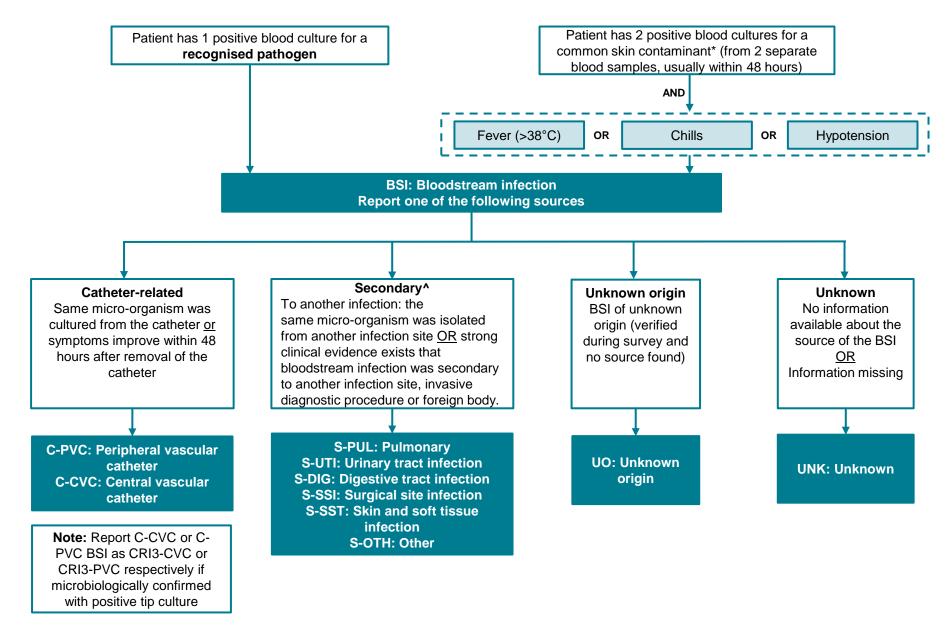
Positive quantitative culture from minimally contaminated LRT specimen- Broncho-alveolar lavage (BAL) with a threshold of > 10 <sup>4</sup> CFU/ml or ≥ 5% of BAL obtained cells contain intracellular bacteria on direct microscopic exam - Protected brush (PB Wimberley) with a threshold of >10³ CFU/ml - Distal protected aspirate (DPA) with a threshold of > 10³ CFU/ml	Quantitative culture from possibly contaminated LRT specimen (i.e. ETA) - Quantitative culture of LRT specimen (e.g. endotracheal aspirate) with a threshold of 10 <sup>6</sup> CFU/ml)	Alternative microbiology methods - Positive BC not related to other source - Positive growth in pleural fluid culture - Pleural/ pulmonary abscess with positive needle aspiration - Histologic pulmonary exam = pneumonia - Positive detection of viral antigen or antibody from respiratory secretions - Positive direct exam or positive culture from bronchial secretions or tissue - Seroconversion -Detection of antigens in urine	Positive sputum culture or non- quantitative LRT specimen culture	No positive micro- biology
PN1	PN2	PN3	PN4	PN5

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## LRI: Lower respiratory tract infection, other than pneumonia



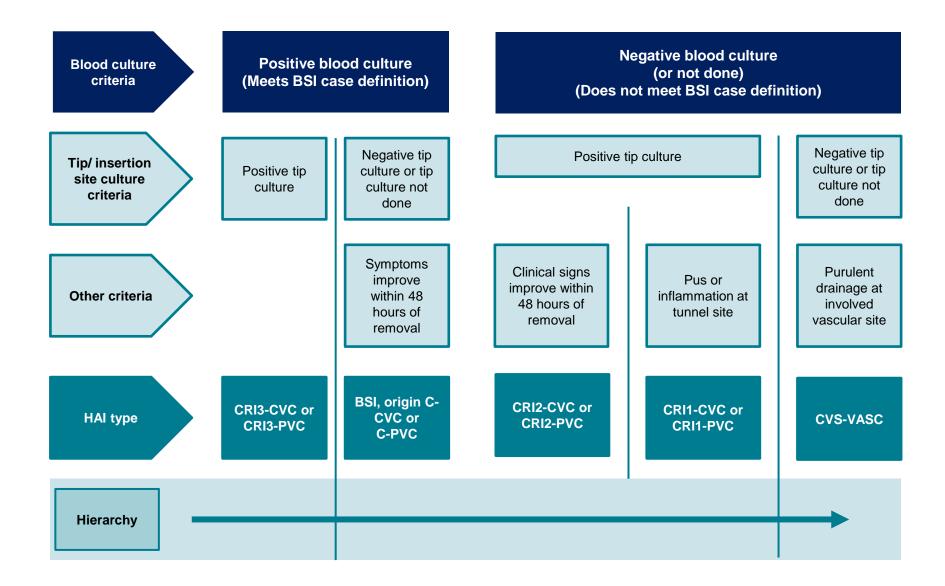
#### **BSI: Bloodstream infection**



\* Skin contaminants = coagulase-negative staphylococci, *Micrococcus* sp., *Propionibacterium/Cutibacterium acnes*, *Bacillus* sp., *Corynebacterium* sp.

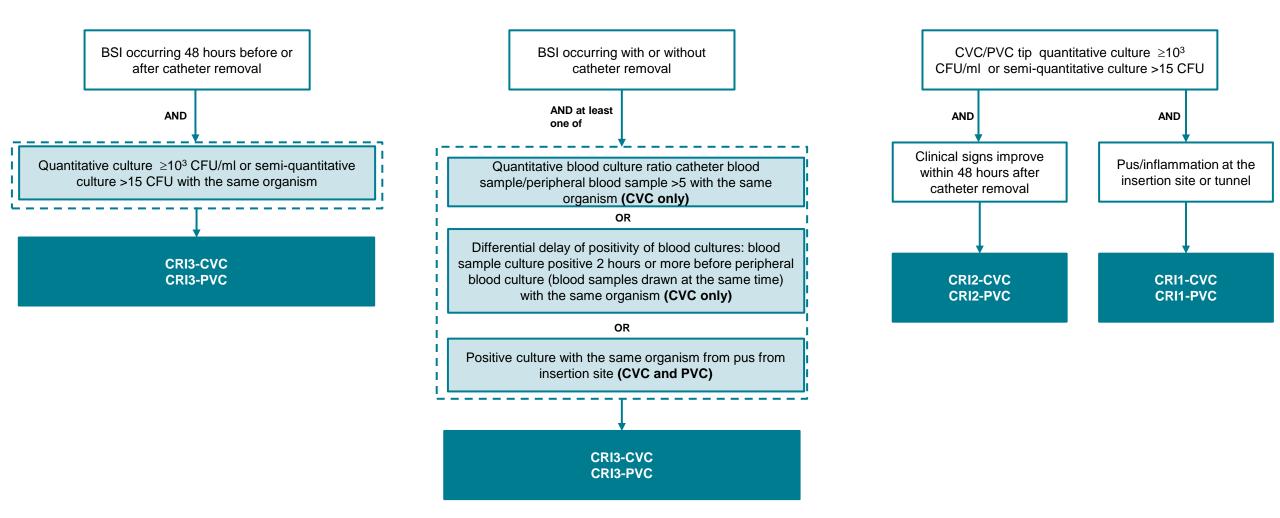
^ Does not need to meet case definition for this to be noted. If the primary infection is an active HAI and meets a case definition, report both primary HAI and secondary BSI.

#### CRI: Catheter-related infection (CVC or PVC infections)

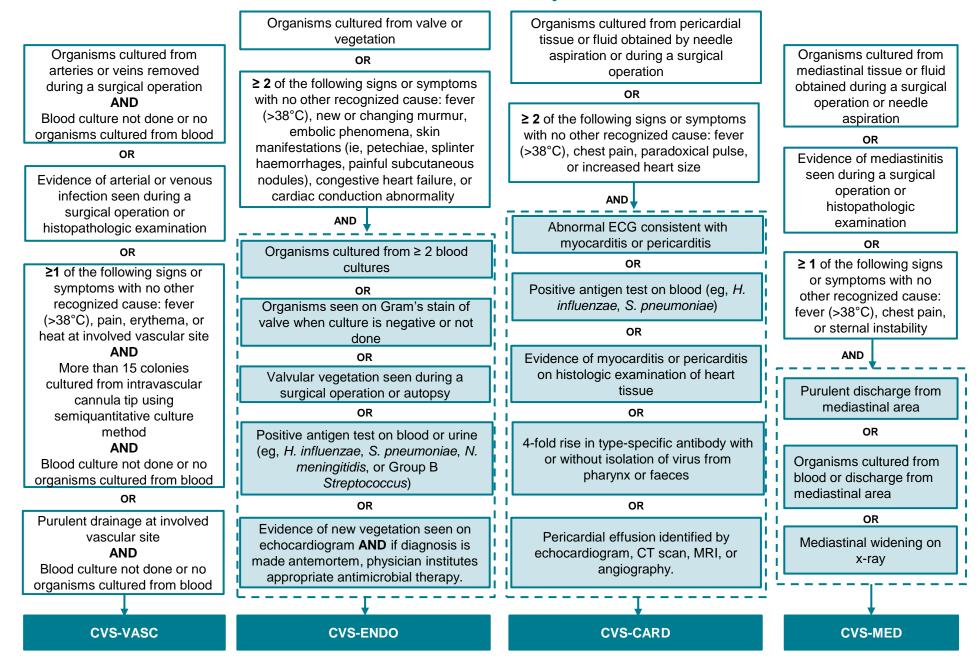




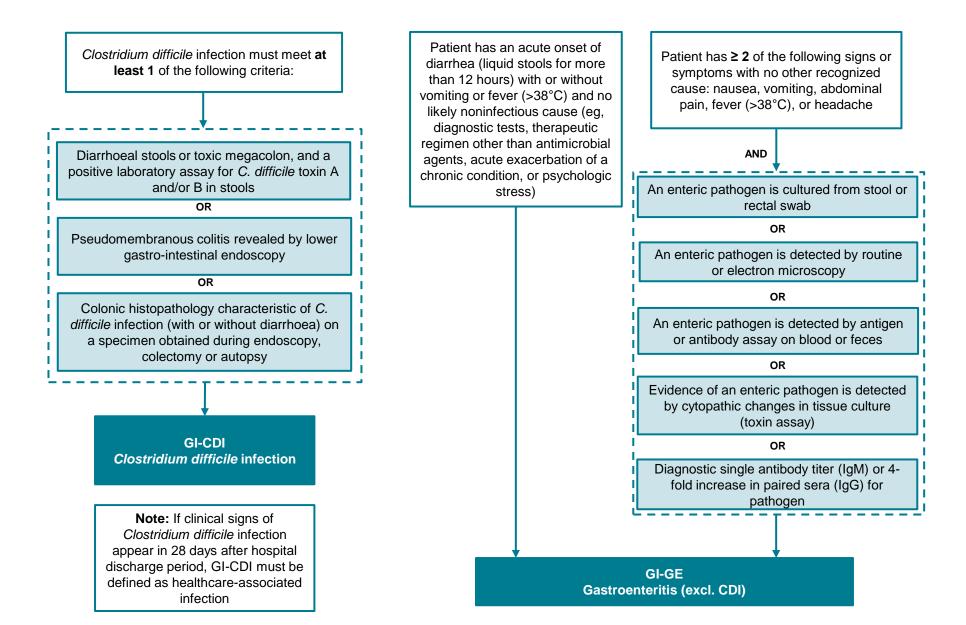
### CRI: Catheter-related infection Central vascular catheter (CVC) or peripheral vascular catheter (PVC) infections



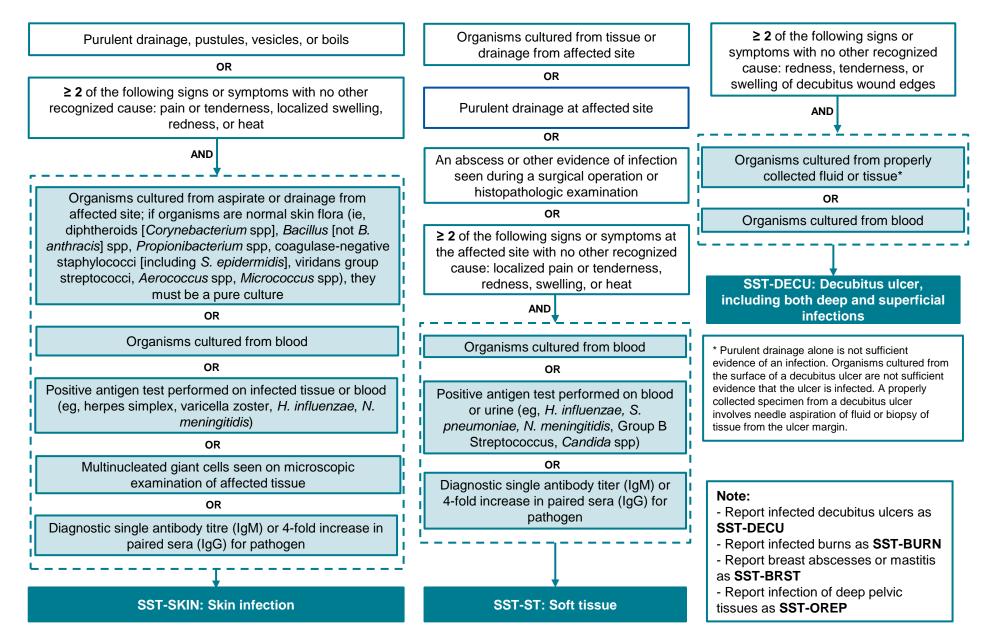
#### **CVS: Cardiovascular system infection**



#### GI: Gastrointestinal system infection (also GI-GIT, GI-HEP, GI-IAB)



# SST: Skin and soft tissue infection (also SST-BURN & SST-BRST)



#### SYS: Systemic infection

