# INVASIVE GROUP A STREPTOCOCCAL INFECTION

## Basis of diagnosis

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| **Clinical criteria** | |
| Fits clinical description | Select the 'Yes' option if the case fits the clinical description for the disease. The case definition can be found here: https://www.tewhatuora.govt.nz/for-health-professionals/clinical-guidance/communicable-disease-control-manual/invasive-group-a-streptococcal-infection#case-definitions. |
| Clinical features | If any of the feature clinical features listed were present, record by selecting the 'Yes' option. If not, select the 'No' option. If not known or unavailable, then select the 'Unknown' option.<br><br>Specify any other invasive illness which is not listed. |
| **Laboratory criteria** | |
| Laboratory results | Indicate the status of each laboratory confirmation method. If the laboratory test results were positive select the 'Yes' option, if negative select the 'No' option. If the results of the laboratory test are not yet available, select 'Awaiting results'. If any of the laboratory tests were not carried out, select 'Not Done'.<br><br>Select the site for isolation and/or for detection of group A *Streptococcus* (GAS) nucleic acid. If the isolation site is tissue, other sterile site or a non-sterile site then specify the site. For detection of nucleic acid, specify the site of 'Other' is selected. |
| **Additional laboratory results** | |
| *emm* type | If *emm* typing was done, provide the *emm* type. |

## Classification

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| Classification | **Under investigation** - a case which has been notified but information is not yet available to classify it as probable or confirmed.<br><br>**Probable** – a case that meets the clinical criteria and laboratory suggestive criteria.<br><br>**Confirmed** – a case that meets the laboratory definitive criteria.<br><br>**Not a case** – a case that has been investigated, and subsequently found not to meet the case definition. |
| Laboratory confirmation | **Laboratory definitive criteria**– isolation of GAS by culture or detection by nucleic acid testing in a clinical specimen from a normally sterile site.<br><br>**Laboratory suggestive criteria** – isolation of GAS by culture or detection by nucleic acid testing in a clinical specimen from a normally non-sterile site. |

## Additional outcome details

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| ICU | Indicate whether the case received care in an intensive care unit (ICU). If not known or unavailable, then select the 'Unknown' option. |

## Risk factors

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| Attendance at school, pre-school or childcare | Indicate whether the case attended school, pre-school or childcare in the 30 days before onset. If not known or unavailable, then select the 'Unknown' option. |
| Uses injectable drugs | Indicate whether the case used injectable drugs in the 30 days before onset. If not known or unavailable, then select the 'Unknown' option. |
| Homeless | Indicate whether the case experiences homelessness in the 30 days before onset. If not known or unavailable, then select the 'Unknown' option.<br><br>Homelessness is defined as a living situation where people with no other options to acquire safe and secure housing are: without shelter, in temporary accommodation, sharing accommodation with a household, or living in uninhabitable housing. |
| Live or work in a residential institution | Indicate whether the case lived or worked in a residential institution in the 30 days before onset. If not known or unavailable, then select the 'Unknown' option. |
| Close contact with a case | Indicate whether the case had close contact with a confirmed or probable case of invasive group A streptococcal infection in the 30 days before onset. If 'Yes', specify the EpiSurv number of the confirmed or probable case. If not known or unavailable, then select the 'Unknown' option. |
| Other risk factors | Specify any other risk factors under surveillance for invasive group A streptococcal infection if they were present. |

## Management

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| **Contact management** | |
| Type of contact | Record the number of birthing parent, neonate and other contacts who were identified. Specify the type of 'Other' contacts.<br><br>Indicate how many of the contacts identified were offered and given antibiotics i.e. these should be a subset of the number identified. |