



# Infection Control

- ▶ Define criteria for recording symptom, infection and outbreak information, and the conditions that must exist to indicate the presence of infection and outbreak.
- ▶ Create rules to determine how entered data is managed (e.g. how fevers are entered, if progress notes are auto-generated, etc.) and how infection and outbreak records are triggered within GoldCare.
- ▶ Automatically uses symptom and infection data to calculate and check for new and existing outbreaks; re-checks for outbreaks following any additions or changes to an infection record.
- ▶ An automatic email notification is sent to staff, doctors, agencies and other defined contacts when an outbreak is confirmed.
- ▶ A standard Outbreak report allows you to follow up, report on and compare outbreaks at your site, and track outbreak patterns over time.

GoldCare's Infection Control helps you maintain your organisation's infection control standards by allowing you to define, monitor, investigate, review and report on symptoms, infections and outbreaks at your site. Create rules that use symptom information to generate new infection and outbreak records. Stay informed of new infections and outbreaks with automatic checks and email notifications. Infection Control has many features to assist your organisation; accurately record symptom, infection and outbreak data, identify new infections and outbreaks for treatment and containment, and track outbreak patterns for future care planning.

## Customize Infection Control to Meet Your Site's Requirements

Infection Control allows you to define the criteria for reporting resident symptom, infection and outbreak information, and what conditions must exist to indicate the presence of an infection and outbreak. These criteria, including conditions, descriptions, status levels, time period and other details, are the foundation of symptom, infection and outbreak records at your site.

You can further customise criteria to apply rules. These rules determine how symptom, infection and outbreak data is entered, if subsequent records are auto-generated based on that data, and if so, how those records are managed. Moreover, these rules will help ensure that infection and outbreak records comply with your organisation's infection control standards. For example:

- how the symptom of fever is entered
- if progress notes are created with a symptom record
- time limits for making additions or changes to a symptom or infection record
- whether infection or outbreak records require confirmation before they become active records
- whether individuals, doctors or agencies require notification of an infection or outbreak
- and more



## Efficiently Manage Infection and Outbreak Records

Infection Control streamlines symptom entry by collecting information in easy-to-use windows. Symptoms are selected from a list defined by your site, which eliminates the need for staff to remember every possible symptom, thereby ensuring important symptoms are not missed.

Although infection and outbreak records and notifications are often generated automatically, they can also be created manually. This level of flexibility allows you to “force” a new record so that your staff is alerted to potential infections and outbreaks that fall outside of defined condition requirements. You can also add supplementary information to an infection record such as lab specimen results and notification of doctors and agencies, including the treatment provided for the infection. Notes and documents can be attached to outbreak records, consolidating relevant information into a single location.



## Automatically Check for New Infections and Outbreaks

Infection Control automatically checks for new infections using calculations based on symptom rules. If all the symptom conditions for a suspected infection are met, a new infection record is automatically created. Likewise, if all of the pertinent infection conditions are met, an outbreak record is automatically created. For example, an Influenza infection record is triggered when a resident displays a fever or 38°C or higher and chills twice in a 24-hour period. And if more than three confirmed Influenza infections occur on the 5<sup>th</sup> floor within a 48-hour period, an outbreak record is triggered.



Once an infection record is created, Infection Control will run another calculation to check if this infection has triggered a new outbreak or applies to an existing outbreak. Infection Control also automatically re-checks for outbreaks following any additions or changes to the infection record. Furthermore, an email notification is sent to the appropriate parties when an outbreak is confirmed. These automatic calculations and email notifications eliminate the task of manually checking and comparing infection records, and help you immediately treat infections and contain possible outbreaks.



## Report on Outbreak Results and Track Patterns

Infection Control provides a standard Outbreak report that allows you to select historical or current outbreak records, view all residents, employees or other individuals involved in the outbreak, and other details including lab specimens, symptoms, onset date, affected room/bed, and more. Outbreak records can be sorted by case status, outbreak code, date/time, notifications and other criteria so that you can follow-up, report on and compare outbreaks at your site, and track outbreak patterns for future care planning.