

# Update on cases of Legionnaires' disease

The Centre for Health Protection (CHP) of the Department of Health today (July 8) reported the latest number of cases of Legionnaires' disease (LD), and stressed the importance of using and maintaining properly designed man-made water systems, and that susceptible groups should strictly observe relevant precautions.

From June 30 to July 6, two community-acquired LD cases were reported. They are:

1. A female patient, aged 71 with underlying illnesses, who lives in Block 2, City Point, 48 Wing Shun Street, Tsuen Wan; and
2. A male patient, aged 98 with underlying illnesses, who lives in Tower 2, Metro City Phase 1, 1 Wan Hang Road, Tseung Kwan O.

"Epidemiological investigations are ongoing to identify potential sources of infection, high-risk exposure and clusters, if any," a spokesman for the CHP said.

As of July 6, 49 LD cases had been reported in 2019. In 2018 and 2017, there were 105 and 72 cases respectively.

"Men, people aged over 50, smokers, alcoholics and persons with weakened immunity are more susceptible to LD. Some situations may also increase the risk of infection, including poor maintenance of water systems leading to stagnant water; living in areas with old water systems, cooling towers or fountains; using electric water heaters, whirlpools and spas or hot water spring spas; and recent stays in hotels or vessels," the spokesman said.

Legionellae are found in various environmental settings and grow well in warm water (20 to 45 degrees Celsius). They can be found in aqueous environments such as water tanks, hot and cold water systems, cooling towers, whirlpools and spas, water fountains and home apparatus which support breathing. People may get infected when they breathe in contaminated droplets (aerosols) and mist generated by artificial water systems, or when handling garden soil, compost and potting mixes.

Immunocompromised persons should:

- Use sterile or boiled water for drinking, tooth brushing and mouth rinsing;
- Avoid using humidifiers, or other mist- or aerosol-generating devices. A shower may also generate small aerosols; and
- If using humidifiers, or other mist- or aerosol-generating devices, fill the water tank with only sterile or cooled freshly boiled water, and not water directly from the tap. Also, clean and maintain

humidifiers/devices regularly according to manufacturers' instructions. Never leave stagnant water in a humidifier/device. Empty the water tank, wipe all surfaces dry, and change the water daily.

The public should observe the health advice below:

- Observe personal hygiene;
- Do not smoke and avoid alcohol consumption;
- Strainers in water taps and shower heads should be inspected, cleaned, descaled and disinfected regularly or at a frequency recommended by the manufacturer;
- If a fresh water plumbing system is properly maintained, it is not necessary to install domestic water filters. Use of water filters is not encouraged as clogging occurs easily, which can promote growth of micro-organisms. In case water filters are used, the pore size should be 0.2 micrometres ( $\mu\text{m}$ ) and the filter needs to be changed periodically according to the manufacturer's recommendations;
- Drain and clean water tanks of buildings at least quarterly;
- Drain or purge for at least one minute infrequently used water outlets (e.g. water taps, shower heads and hot water outlets) and stagnant points of the pipework weekly or before use;
- Seek and follow doctors' professional advice regarding the use and maintenance of home respiratory devices and use only sterile water (not distilled or tap water) to clean and fill the reservoir. Clean and maintain the device regularly according to the manufacturer's instructions. After cleaning/disinfection, rinse the device with sterile water, cooled freshly boiled water or water filtered with 0.2  $\mu\text{m}$  filters. Never leave stagnant water in the device. Empty the water tank, keep all surfaces dry, and change the water daily; and
- When handling garden soil, compost and potting mixes:
  1. Wear gloves and a face mask;
  2. Water gardens and compost gently using low pressure;
  3. Open composted potting mixes slowly and make sure the opening is directed away from the face;
  4. Wet the soil to reduce dust when potting plants; and
  5. Avoid working in poorly ventilated places such as enclosed greenhouses.

The public may visit the CHP's [LD page](#), the [Code of Practice for Prevention of LD](#) and the [Housekeeping Guidelines for Cold and Hot Water Systems for Building Management](#) of the Prevention of LD Committee, and the CHP's [risk-based strategy](#) for prevention and control of LD.

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## **Red flag hoisted at Lower Cheung Sha Beach**

Attention TV/radio announcers:

Please broadcast the following as soon as possible:

Here is an item of interest to swimmers.

The Leisure and Cultural Services Department announced today (July 8) that due to big waves, the red flag has been hoisted at Lower Cheung Sha Beach in Islands District. Beach-goers are advised not to swim at the beach.

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## **Red flag at South Bay Beach lowered**

Attention TV/radio announcers:

Please broadcast the following as soon as possible:

Here is an item of interest to swimmers.

The Leisure and Cultural Services Department announced today (July 8) that the Environmental Protection Department has classified the water quality at South Bay Beach in Southern District as Grade 2, which means the water quality has improved and the beach is suitable for swimming. The red flag has been lowered.

The red flag was hoisted at the beach earlier on due to the water quality being classified as Grade 4 and unsuitable for swimming.

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## **Lido Beach and Casam Beach temporarily closed**

Attention TV/radio announcers:

Please broadcast the following as soon as possible:

Here is an item of interest to swimmers.

The Leisure and Cultural Services Department announced today (July 8) that Lido Beach and Casam Beach in Tsuen Wan District are temporarily closed until further notice for maintenance of shark prevention nets. Red flags have been hoisted at the beaches. Beach-goers are advised not to swim at the beaches.

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## **Red flag hoisted at Hap Mun Bay Beach**

Attention TV/radio announcers:

Please broadcast the following as soon as possible:

Here is an item of interest to swimmers.

The Leisure and Cultural Services Department announced today (July 8) that due to big waves, the red flag has been hoisted at Hap Mun Bay Beach in Sai Kung District. Beach-goers are advised not to swim at the beach.