Algorithm for public health professionals

Notification of persons under investigation for AI

Clinicians

Ask clinicians to
- To contact national public health centre to discuss if needed
- Monitor and reassess clinically
- Monitor antiviral side effects if applicable

Initial verification by public health as soon as a case notification is received (phone / fax / email)

IF

Avian influenza possible case

Avian influenza exposed person

Initial assessment and monitoring:
Start avian influenza case investigation

1. Epidemiological investigation
Investigate the case
- Complete Avian influenza case investigation
- Check that samples have been taken and sent (Avian influenza laboratory request)
Maintain regular contact with clinicians in relation to
- Condition of patient and detailed clinical history (Avian influenza case clinical report)
- Results at local laboratory (Avian influenza laboratory results)
- Monitoring of antivirals side effects (Avian influenza antiviral side effects monitoring)
Liaise with
- Hospital infection control / occupational health in relation to exposed HCW traced and monitored
- Hospital management (avian influenza) in relation to Line list 1 persons under investigation for avian influenza notified

2. Exposed persons tracing and monitoring
Identify exposed persons
- Complete Avian influenza exposed persons tracing
- Initial clinical assessment of exposed patients
- Send a pre-trained public health team for exposed persons daily monitoring
Leader of the public health team should
- Set a calendar for visit to eligible patients' contact and ensures that they are placed under surveillance until 7 days after last exposure
- Ensure AI exposed persons clinical monitoring is completed
- Ensure availability of antiviral for prophylaxis if recommended by national protocol and complete AI antiviral side effects monitoring
- Take samples if required by national protocols
- Ensure that information and education is available for exposed persons monitored
- Ensure immediate referral for evaluation of any contacts developing fever or illness during the observation period

AI case Epidemiological Investigation

AI laboratory request

Line list of persons under AI investigation notified (AI case + AI exposed Person)

Laboratory

IF

Clinical history present and epidemiological link present

Line list of AI exposed person monitored

AI exposed persons tracing

AI exposed persons clinical monitoring

Avian influenza possible case
Refer to hospital

AI antiviral side effects monitoring

Clinical