

# PLAGUE Risk assessment and treatment options for use in a HOSPITAL SETTING

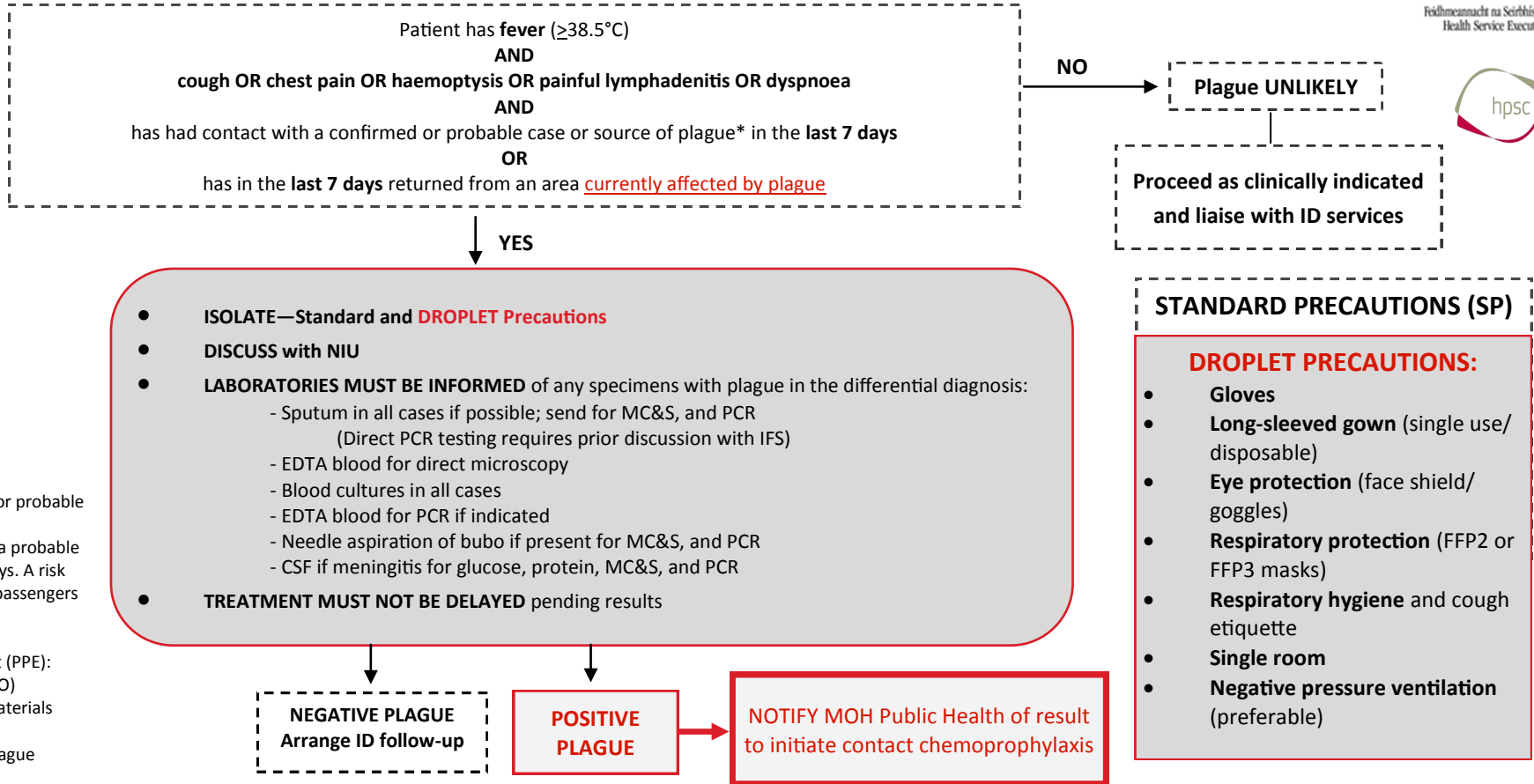
## CONTACT DETAILS

### PUBLIC HEALTH MOH: (OOH 0818 501999)

HSE E: 01 635 2145  
HSE M: 057 935 9891  
HSE MW: 061 483 338  
HSE NE: 046 907 6412  
HSE NW: 072 985 2900  
HSE SE: 056 778 4142  
HSE S: 021 492 7601  
HSE W: 091 775 200

### NIU:

01-830 1122 (Ask for ID  
Consultant on call)



\*Exposure within **2 metres** of a confirmed or probable case of plague

\*Aircraft/ship exposure within 2 metres of a probable or confirmed case of plague in the last 7 days. A risk assessment to identify contacts (including passengers or crew) of the case should be carried out.

\*Contact with the following items without appropriate personal protective equipment (PPE):  
- infected substances of human origin (SoHO)  
- laboratory exposure to plague infected materials  
- contaminated fomites

\*Contact with a sick animal/flea bite in a plague affected area

### ADULT TREATMENT OPTIONS (Pregnant women same as adult dose)

(for 10 days depending on response):

- Gentamicin IV 5mg/kg once daily **OR**
- Streptomycin IM 1g twice daily **OR**
- Doxycycline PO/IV 100mg twice daily or 200mg once daily PO/IV

### CHILD TREATMENT OPTIONS

(for 10-14 days depending on response):

- Gentamicin IM/IV 2.5mg/kg/dose every 8 hours **OR**
- Streptomycin IM 15mg/kg twice daily (maximum 2g/day) **OR**
- Doxycycline PO/IV Weight <45 kg: 2.2mg/kg twice daily (maximum 100mg/dose) Weight ≥45 kg: same as adult dose

Further treatment options are available at [www.hpsc.ie](http://www.hpsc.ie)

Contact type	Preferred agents	Dose	Frequency	Route
Adults	Doxycycline	100mg	Twice daily	Oral
	Ciprofloxacin	500mg		
Children	Ciprofloxacin	15mg/kg (not to exceed 1g/ day)		
	<b>OR</b>			
	Ciprofloxacin by age:			
	Newborn - 6 months	50mg		
	1 year <3 years	100mg		
3 years - <5 years	150mg			
5 years - <7 years	200mg			
7 years - <12 years	250mg			
12 years and over (adult dose)	500mg			
Pregnant women	<b>OR</b>			
	Doxycycline (only if no alternative options)	100mg		
	>12 years of age and >45kg	100mg		
Pregnant women	Doxycycline*	100mg		
	Ciprofloxacin*	500mg		