

## Weekly update on oseltamivir resistance to pandemic influenza A (H1N1) 2009 viruses

26 February 2010 -- For this reporting week (18 - 24 February 2010), 5 new sporadic cases of oseltamivir resistant pandemic influenza A (H1N1) 2009 viruses have been reported. It brings the cumulative total to 253 so far. All have the H275Y substitution and are assumed to remain sensitive to zanamivir.

Table 1: Summary of new oseltamivir resistant cases during the week 18 - 24 February 2010

Clinical Background / Preliminary report	Number of reported cases
Association with treatment	2 <sup>1)2)</sup>
No known of association with treatment, or likely person to person transmission	2 <sup>3)4)</sup>
Preliminary report*	1 <sup>5)</sup>
Total new cases	5

\*Preliminary report: laboratory confirmed and reported oseltamivir resistant cases, details not yet available

Table 2: Geographical distribution of oseltamivir resistance by the WHO regions (as of 24 February 2010)

	WHO Region					
	AFRO	EMRO	EURO	PAHO	SEARO	WPRO
Number of oseltamivir resistant isolates	0	1	82	73	0	97

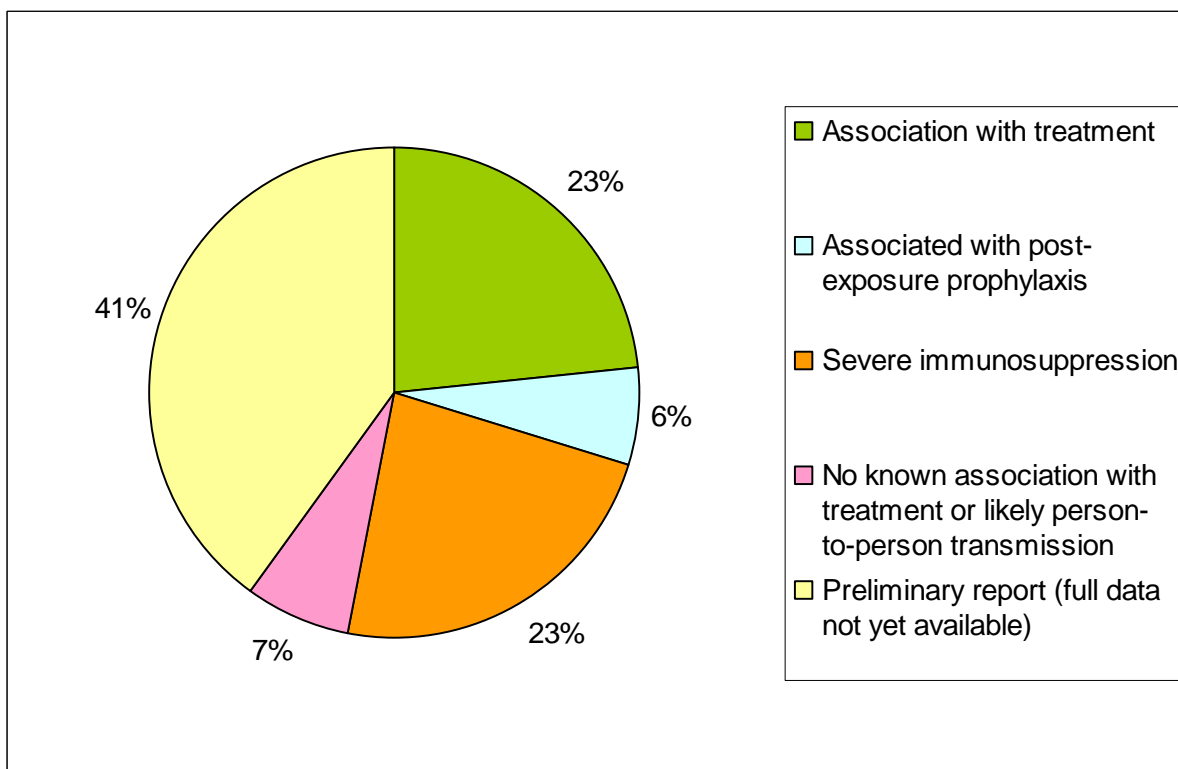


Figure 1: Proportion of the clinical background of reported cases of oseltamivir resistance (as of 24 February 2010)

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- 1) Ministry of Health, Labour and Welfare, Japan. Press release. Available from URL: <http://www.mhlw.go.jp/kinkyu/kenkou/influenza/houdou/2010/02/dl/infuh0223-01.pdf>
  - 2) Ministry of Health, Labour and Welfare, Japan. Press release. Available from URL: <http://www.mhlw.go.jp/kinkyu/kenkou/influenza/houdou/2010/02/dl/infuh0223-02.pdf>
  - 3) Ministry of Health, Labour and Welfare, Japan. Press release. Available from URL: <http://www.mhlw.go.jp/kinkyu/kenkou/influenza/houdou/2010/02/dl/infuh0223-03.pdf>
  - 4) Ministry of Health, Labour and Welfare, Japan. Press release. Available from URL: <http://www.mhlw.go.jp/kinkyu/kenkou/influenza/houdou/2010/02/dl/infuh0223-04.pdf>
  - 5) Korea Centers for Disease Control and Prevention. Influenza surveillance and laboratory monitoring (week7). Available from URL: <http://flu.cdc.go.kr/>