

Supplementary Table 1: Vital signs on admission, initial investigations and proportion of abnormal results in patients hospitalised with pandemic H1N1 infection during the 2009/10 pandemic (n=1520).

Observations	n	Mean value	Range (inter-quartile range)		Level of abnormality	%
Temperature (°C)						
Children	433	37.9	23.2-41.4	37.0-38.8	37.1 to 37.9°C	25.6
					≥ 38.0°C	38.9
Adults	962	37.8	26.1-40.8	37.0-38.6	37.1 to 37.9°C	30.1
					≥ 38.0°C	36.9
Pulse (beats/min)						
Children	434	135.0	24.0-240.0	117.0-156.0	>normal*	10.3
Adults	964	104.0	43.0-200.0	90.0-118.0	>85	75.7
Respiratory rate(breaths/min)						
Children	408	34.8	8.0-100.0	24.0-40.0	>normal*	49.4
Adults	909	22.3	6.0-110.0	18.0-25.0	>30	10.2
Systolic BP (mm Hg)						
Children	166	106.0	69.0-168.0	97.0-117.0	<normal*	27.7
Adults	952	123.0	60.0-209.0	109.0-136.0	<110	28.4
Diastolic BP (mm Hg)						
Children	166	62.0	33.0-145.0	53.0-69.0	<normal*	32.3
Adults	952	71.0	32.0-124.0	62.0-80.0	<65	33.1
C-reactive protein (mg/L)						
Children	222	37.0	0.6-527.0	5.0-35.0	31 to 99	8.7
					≥100	4.4
Adults	595	76.0	1.4-480.0	20.0-97.0	31 to 99	21.2
					≥100	13.6
White cell count (x10 ⁹ /L)						
Adults and children	1095	9.04	0.1-133.0	5.5-10.2	>11.0	15.1
Creatinine kinase (IU/L)						
Children	259	47.1	2.0-794.0	29.0-56.0	>195	0.2
Adults	815	92.0	1.0-1090.0	63.0-96.0	>200	4.2
Urea (µmol/L)						
Children	263	5.7	0.6-106.0	3.0-5.0	>6.4	6.4
Adults	821	7.5	0.8-315.0	3.1-6.1	>6.7	16.2
Alanine transaminase (IU/L)						
Children	170	48.7	1.0-1644.0	14.0-34.0	>40	6.4
Adults	555	45.4	1.0-3509.0	18.0-40.0	>35	16.6
SpO ₂ (% breathing room air)						
Children	281	96.0	60.0-100.0	94.0-99.0	<94%	20.0
Adults	712	94.8	6.00-10.0	94.0-98.0	<94%	27.0

* See Methods for derivation of abnormal values in children

Supplementary Table 2: Multivariable analysis: Patient characteristics independently predictive of severe outcome in pandemic influenza during the 2009/10 pandemic, with age excluded from model (n=1520).

Patient characteristic	Adjusted OR	95% CI	P value
<i>Underlying comorbidities</i>			
Asthma	0.50	0.35-0.71	<0.001
Cardiovascular disease	1.65	1.14-2.39	0.007
Other lung disease excluding COPD and asthma	2.35	1.14-4.84	0.020
Neurological disorders	2.53	1.58-4.05	<0.001
Obesity	2.35	1.25-4.40	0.008

[Supplementary Figure 1: Dates of onset of influenza like symptoms for patients hospitalised with pandemic H1N1 infection during the 2009/10 pandemic](#)