

**Appendix 1**

Table S1. Description of participating hospitals, wards and period of recruitment, by season.

	Period of SARI participants recruitment			Wards included
	2015-2016	2016-2017	2017-2018	
CHULC	Week 50/2015 to week 17/2016	Week 46/2016 to week 17/2017	Week 47/2017 and ended into 17/2018	Internal medicine (subdivided into 10 wards)
CHS	Week 1/2016 to week 17/2016			Emergency, Infectiology, Pneumology, Internal medicine, and ICU

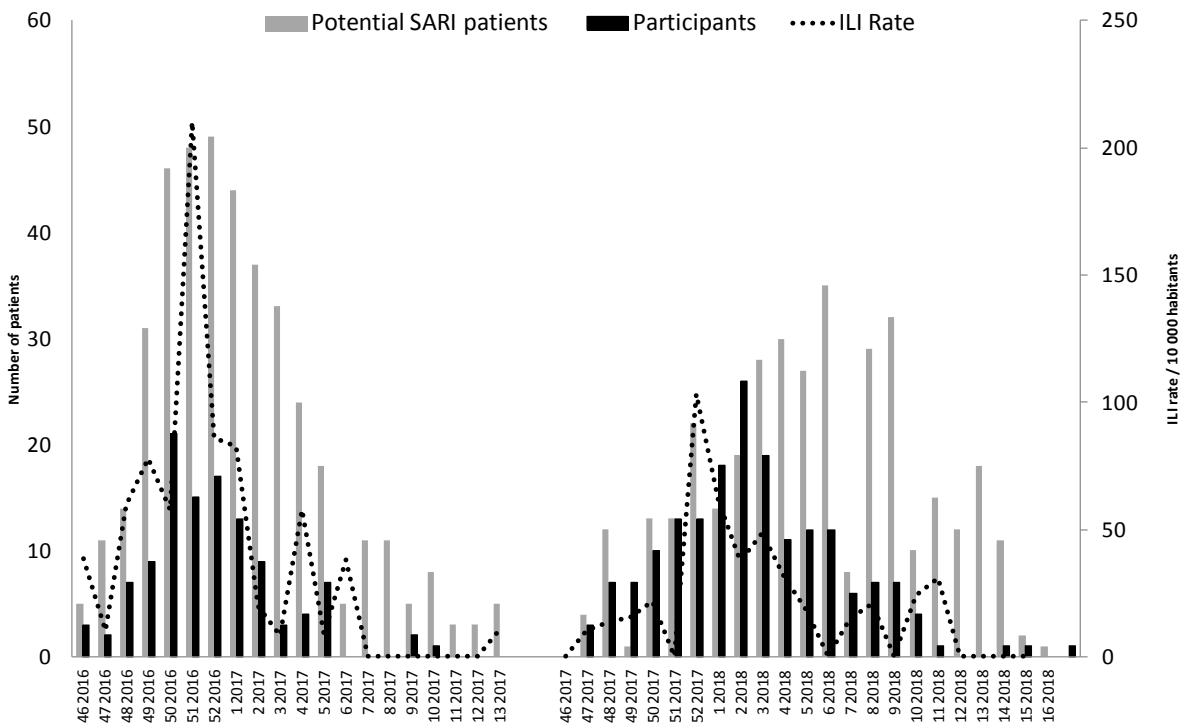


Figure S1. Weekly distribution of participants and potential SARI patients according to swab date; influenza like-illness (ILI) rate from primary care influenza surveillance system

Table S2. Sensitivity analysis for IV uptake misclassification (crude OR and IVE)

	VC cases	VC controls	OR	IVE
EVA Hospital	0.4	0.44	0.85	0.15
Correcting for proportion of vaccinated at the Health center (67%)	0.60	0.66	0.77	0.23