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## Barriers to influenza and pneumococcal vaccination assessment and administration in the inpatient setting: A questionnaire survey

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**Background:** Influenza and Pneumococcal diseases are major causes of morbidity and mortality across the globe. Standing orders are great way to increase the compliance rates and reduce missed opportunities. The purpose of this study is to assess barriers to influenza and pneumococcal vaccination assessment and administration in the inpatient settings.

**Methodology:** For the purpose of data collection, a questionnaire was developed. The survey consisted of eleven questions which were obtained from previous studies, following a literature review and took 5-8 minutes of caregiver's time to complete. The survey was conducted in five acute care units at Cleveland Clinic Abu Dhabi during the first week of March 2017. An information sheet along with the survey was emailed to the assistant nurse managers of the ACUs to help with data collection. Completing and returning the survey was implied as consent to take part in the survey. Participation was voluntary and participants were not required to provide any demographic details, making the survey anonymous. Data analysis was completed with Microsoft Excel 2013.

**Results:** A total of 123 questionnaires (response rate of 58%) were collected for data analysis; findings from this study reveal that physician's preference does not prevent the administration of these vaccines. More than 50% of caregivers agree that day of discharge is the appropriate time for vaccinations and almost 50% believed more training is required with the assessment and administration of vaccines. 75% believed that SOP will be an effective way of ensuring eligible patients is vaccinated.

**Conclusions:** The results of the survey suggest the need for more staff education on immunization assessment and administration and also the development of a SOP to achieve a higher compliance rates. Future research is needed at the hospital to assess the barriers to influenza and pneumococcal vaccination assessment and administration in the acute settings.

### Biography

Pooraj Rumon is a Registered Nurse and has been working as Assistant Nurse Manager at Cleveland Clinic Abu Dhabi since November 2014 in the Heart and Vascular Institute, Acute Care and Telemetry. He has recently completed a Master's degree in Health Service Management and also has a Master's Degree in Nursing, awarded by Massey University of New Zealand. He also holds a Green Belt certification awarded few months ago. On 25th of October 2017, he received a DAISY award nomination and was awarded a pin at Cleveland Clinic Abu Dhabi. Currently, he is working on a fall prevention project.

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