Stakeholders	Comments	Recommendations
Nursing Staff	Noted frequent postponement of vaccine orders until end of treatment or discharge.	Implement protocols to ensure vaccine administration is scheduled earlier in the treatment process.
	Vaccination during discharge often gets overlooked due to competing tasks.	Designate a specific time for vaccination that is separate from discharge tasks.
	Lack of understanding among patients about the importance and timing of the PNA vaccine.	Provide educational materials and training to both patients and staff about the importance of timely vaccination.
	Patients sometimes do not disclose if they have received the PNA vaccine outside of NYCHHC, leading to incomplete records.	Develop a standardized patient questionnaire to capture vaccination history and update records accordingly.
Physicians	Delay in ordering vaccines until the end of treatment, leading to missed opportunities for administration.	Establish a system to integrate vaccine orders into the treatment plan from the start.
	Challenges in managing multiple tasks during discharge, leading to oversight of vaccination.	Develop a checklist or reminder system to ensure vaccination is completed before discharge.
	Potential lack of awareness about the impact of hospital-acquired PNA or readmissions due to missed vaccines.	Educate physicians on the risks of hospital-acquired PNA and emphasize the benefits of timely vaccination.
	Prioritization of treating chief complaints over vaccination can lead to delays/misses.	Incorporate vaccination as a standard part of the care protocol and emphasize its importance in patient care planning.
	Complex guidelines for PNA vaccines may not always be top of mind.	Simplify guidelines and create quick-reference materials for both providers and nursing staff.
	- Uncertainty about which PNA vaccine variants are available at the clinic.	Ensure clear communication regarding available vaccine variants and update the inventory regularly.
	Possible data gaps in recording vaccines administered outside the organization in Epic.	Implement regular audits to verify that outside-administered vaccines are accurately reflected in the dataset.

Providers may be too busy to check the	Implement automated
immunization section in Epic before patient	reminders or alerts in Epic to
discharge.	prompt providers to check and
	update immunization records
	before discharge.