

Survey of Influenza/Covid-19 Vaccination of High risk Brooklyn Residents

Rationale: To learn more about inner-city high-risk patients' knowledge and attitudes regarding influenza and Covid-19 vaccines.

Methods: We conducted in person and telephone influenza/covid vaccine Pre- and Post-surveys performed after COVID vaccine Educational (CDC.gov) of adults receiving ongoing Allergy and Asthma Care at University Hospital of Brooklyn.

Results: Patients (N=50, mean age 55.3 yrs± 16.5; 9/50 (18%) male, 41/50 (82%) female. 14/50 (28%) were Caribbean born and 22/50 (44%) Brooklyn/NY born, 13/50 (26%) other US born.

23/49 (46.9%) received flu vaccine 2019-2020, 26/50 (52%) received flu vaccine 2020-2021.

24/26(92.3%) who have previously received flu vaccine said they will definitely take flu vaccine again.

36/50 (72%) received covid vaccine.

Post education, 24/36 (66.6%) vaccinated patients said they would definitely take the covid vaccine again. 5/36 (16.1%) would most likely take it again.

Of those not COVID vaccinated, 12/14 (85.7%) were afraid of the side effects of the vaccine. Post education, 7/14 (50%) unvaccinated patients stated they will definitely or most likely take the Covid-19 vaccine.

Of those patients who received the 2020-2021 flu vaccine, 19/26 (73%) received the covid vaccine as well.

Of the patients 11/50 (15.9%) who never received flu vaccine, 6/11 (54.5%) received COVID-19 vaccine.

Conclusions: While about half of our patients received the flu vaccine, about 75% have received the Covid vaccine. Standardized one-on-one education regarding COVID vaccines may improve adherence to the recommendation to receive COVID vaccination.