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Study of Acceptance Rate, Compliance and Complication of H1N1 Seasonal Vaccine among Health Care Workers

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Abstract

Background: Our knowledge on reasons of non-acceptance and complication to H1N1 Vaccination by health care workers is limited. A better understanding of factors having significance in vaccine acceptance is crucial. With this background in mind present study was conducted at tertiary care centre to determine the Acceptance, Compliance, and Complication of anti-H1N1 seasonal vaccine among Health Care Workers (HWCs). **Materials and Methods:** Prospective Observational study was conducted to observe the rate of acceptance, compliance and complications of anti H1N1 seasonal vaccine among 100 health care workers in the period of December 2015 to December 2017 in Tertiary Health Care Centre. All participants were counselled 3 times at interval 6 months (0, 6, and 12 months) regarding H1N1 vaccine. **Result:** Vaccine acceptance rate among health care workers was only 03% before counseling. The main cause for not acceptance of vaccination was fear of adverse effects reported by 27% health care workers followed by cost of vaccine (12%) and work pressure (10%) or nonavailability of time. **Conclusion:** As counseling sessions progressed health care workers also started accepting vaccination. After completion of third counseling session rate of vaccine acceptance increased from 3% to 71% and also negative and doubtful conception of health care workers were and changed completely. After counseling their knowledge regarding influenza vaccine was increased. Even though some post vaccination complications had been reported by recipient; those symptoms lasted for short duration of time and there was no serious adverse effect of H1N1 vaccine.

Please note that the above article titled “Study of Acceptance Rate, Compliance and Complication of H1N1 Seasonal Vaccine among Health CareWorkers”, authored by Sushama Dugad, Pankaj Bhandare, Ramesh Sundrani, Gauri Kulkarni and Nilesh Patil, published in the Volume 6, Issue 1, January-June 2019 of MVP Journal of Medical Sciences **STANDS RETRACTED** due to authorship conflicts.