

PS1.147

Influenza vaccination coverage in pregnancy. Valencia Region, Spain. Seasons 2011/12 to 2015/16

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Background & Aim: Pregnant women and their infants are at increased risk for influenza-related complications. Conselleria de Sanidad Universal y Salud Pública of the Valencia Region (Comunitat Valenciana-CV) recommends influenza vaccination for all women who are pregnant during the influenza season. The aim of the study was to analyze the trend in influenza vaccination coverage among this group from season 2011/12 to 2015/16.

Method: We conducted a descriptive study of influenza vaccination coverage in pregnant women using data from Vaccination Information System of CV and the metabolopathies registry (MetaB). The number of vaccinated women was obtained from SIV, and pregnancies from MetaB.

Results: A value from 49538 births (in 2011) to 43160 (in 2015) was registered in CV. According to the time period of the vaccination campaign, the influenza vaccination coverage in pregnancy was 33.44% in 2015/16 and 7.64 in 2011/12. for the last season it represents the 1.6% (10823) of the total doses administered during the influenza vaccination campaign. The mean age of vaccinated women was 32 years.

Conclusions: Influenza vaccination coverage has increased in the pregnant women target group, mainly in 2015, but it is necessary to maintain efforts in order to achieve a higher coverage value. That increase could be associated with the introduction in 2015 of the Tdap vaccination strategy in pregnant women that could have improved the perceptions about the safety of the immunizations in this group.