RCOG WORLD CONGRESS 2022
13 - 15 JUNE

NHS
North Middlesex University Hospital
NHS Trust

COVID-19 vaccination: patient uptake and attitudes in a multi- ethnic North London maternity unit

Anna McDOUGALL * Dorothy DAVIES* Amelia PROPHETE ** Viswapriya SIVASHANMUGARAJAN*** Wai YOONG ***

* Specialist Registrar Department of Obstetrics and Gynaecology, North Middlesex University Hospital London **Medical Student, St George's International School of Medicine, Grenada. +Consultant, Department of Obstetrics and Gynaecology, North Middlesex University Hospital, London

Background: COVID-19 vaccine uptake amongst pregnant women has been low, particularly in younger ethnic minority mothers.

Aims: To perform a survey exploring vaccine uptake and factors which influence women in a North London hospital.

Materials and methods: Pregnant women were invited to complete an anonymised survey, where data were collected on demographics, personal and household vaccination status, and beliefs about the vaccine. Free text comments were analysed thematically.

Results: 202 women completed the survey, of whom 56.9% (*n*=115) were unvaccinated and 43.1% (*n*=87) had received at least one dose of COVID-19 vaccine, with 35.6% (*n*=72) having received two doses. Factors associated with vaccinated status are shown in figure 1.

Qualitative data revealed concerns about a lack of information regarding the safety of COVID-19 vaccination in pregnancy. Patient perspectives on vaccination are shown in figure 2.

Figure 1. Factors associated with vaccinated status

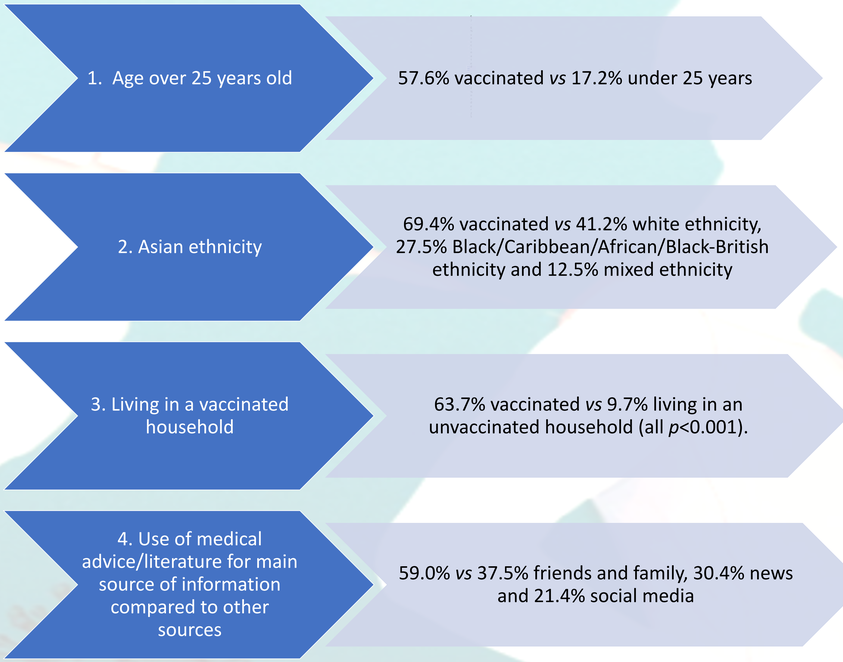

Figure 2. Patient perspectives : a summary of free text comments

Conclusion

Age, ethnicity, household vaccination status and information source influenced vaccination uptake.
These findings highlight the need to tackle vaccine mistrust and disseminate pregnancy specific vaccine safety data to pregnant women.