

An Audit of Influenza Vaccine Uptake in the Dialysis Unit of a Tertiary Care University Hospital



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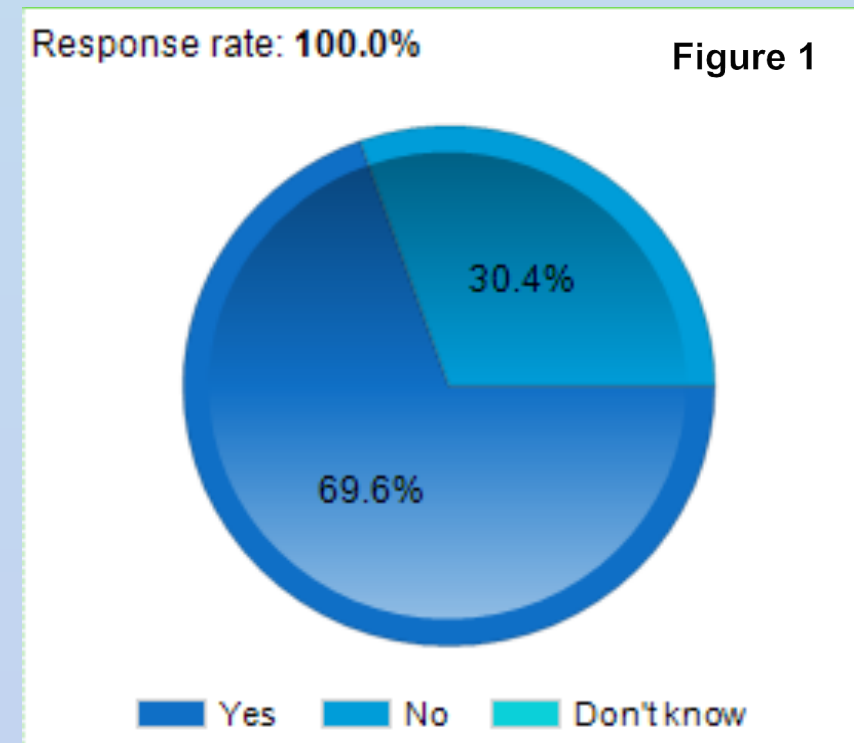
INTRODUCTION

The National Immunisation Advisory Committee Immunisation Guidelines recommend influenza vaccine for all those with chronic kidney disease (CKD).¹ Vaccination has been shown to reduce morbidity and mortality in those with chronic diseases, including CKD.² We aimed to evaluate the rate of the 2019 influenza vaccine uptake in a dialysis unit.

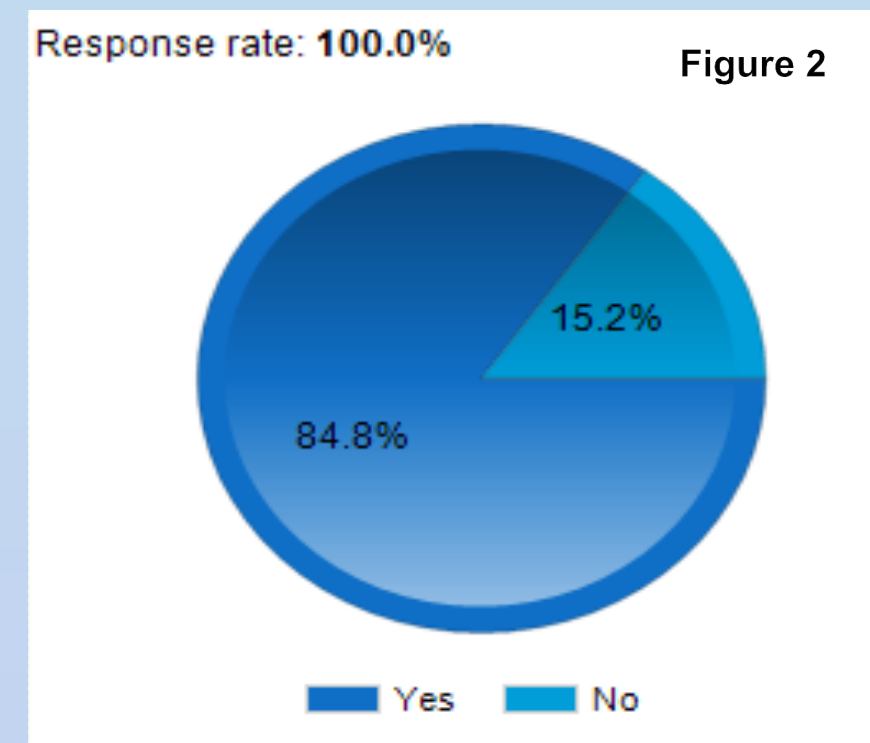
METHODS

A prospective cross-sectional audit was undertaken between 11/11/2019 and 29/11/2019. Data was collected from patients individually attending dialysis sessions in St Vincent's University Hospital.

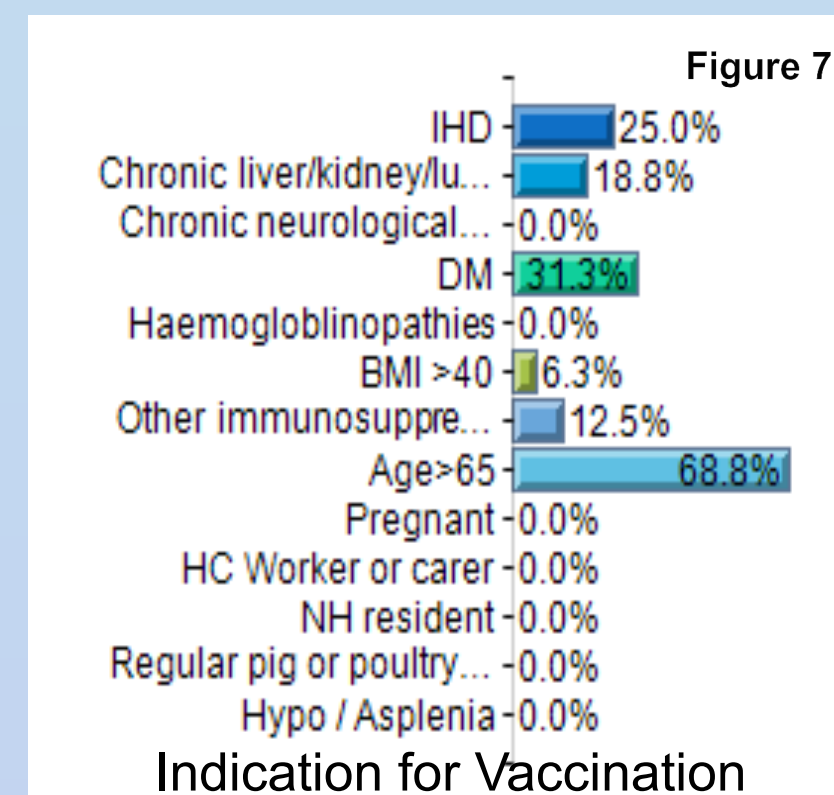
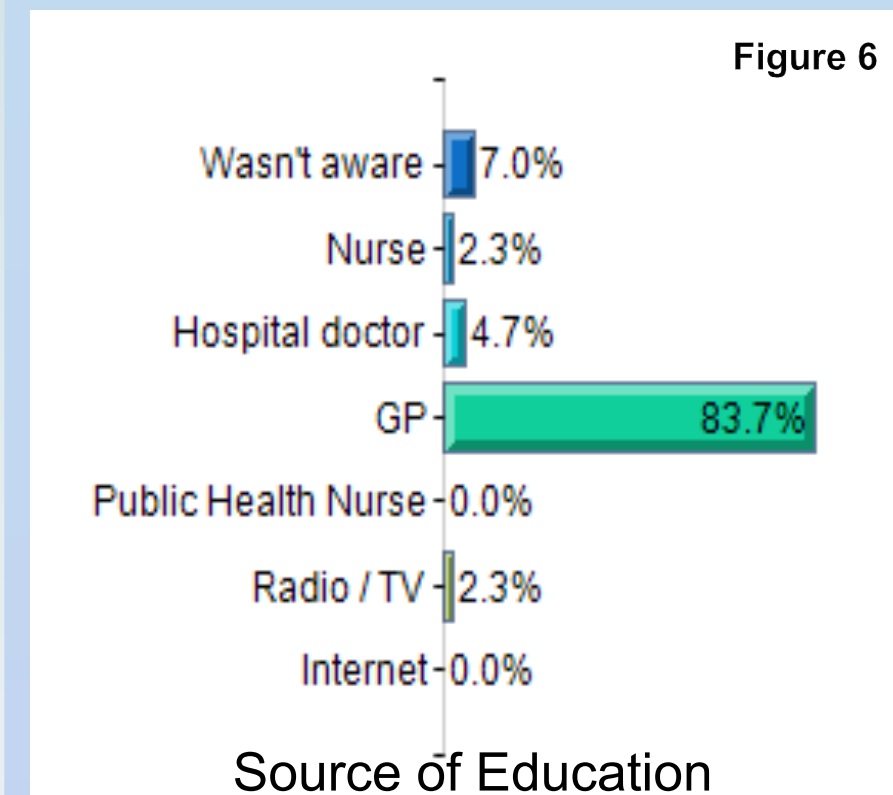
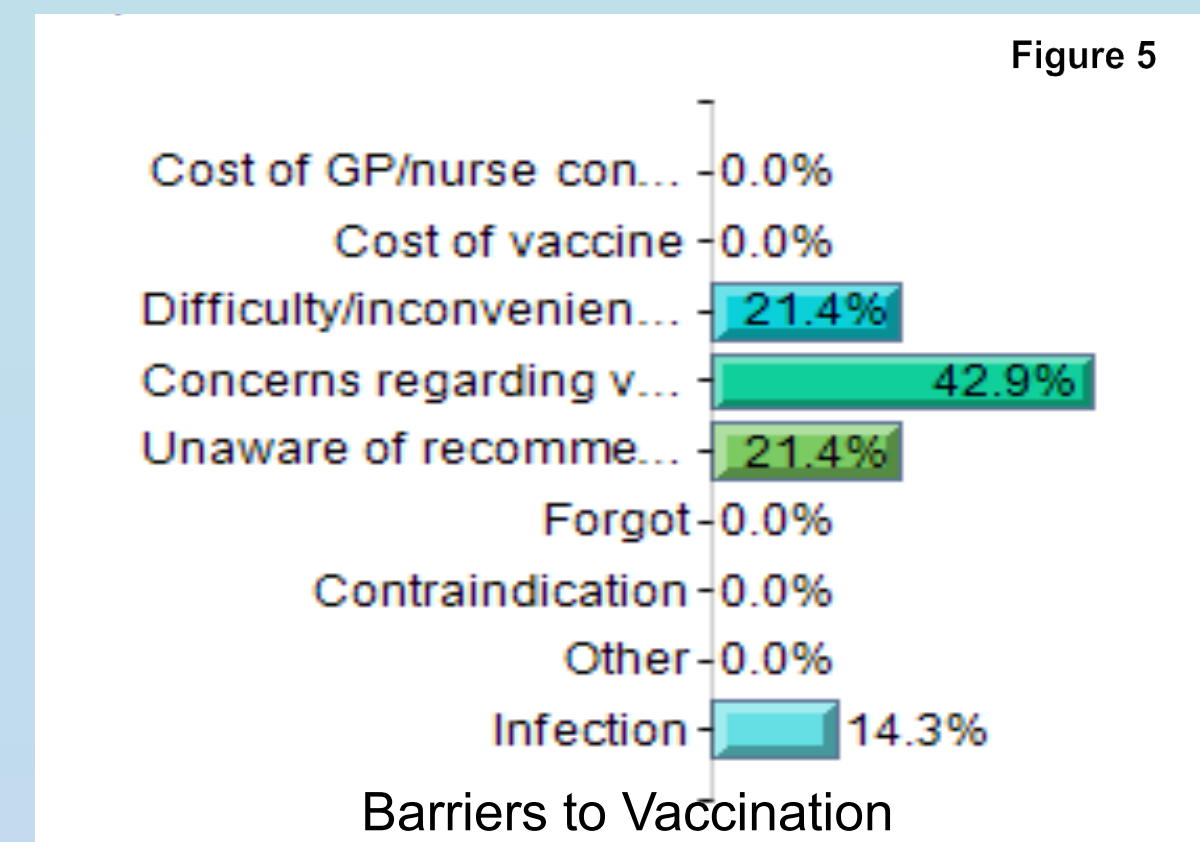
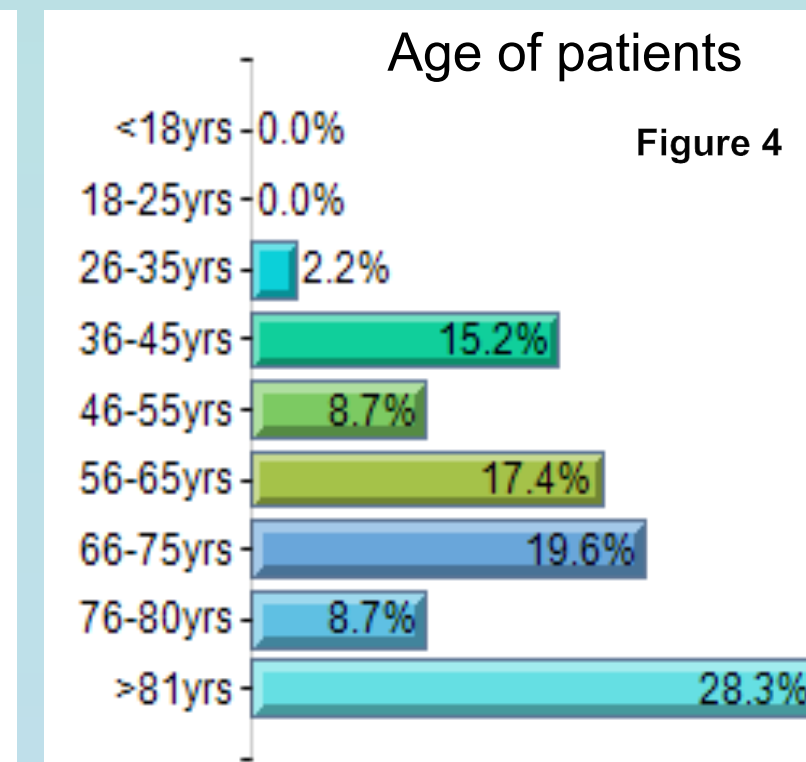
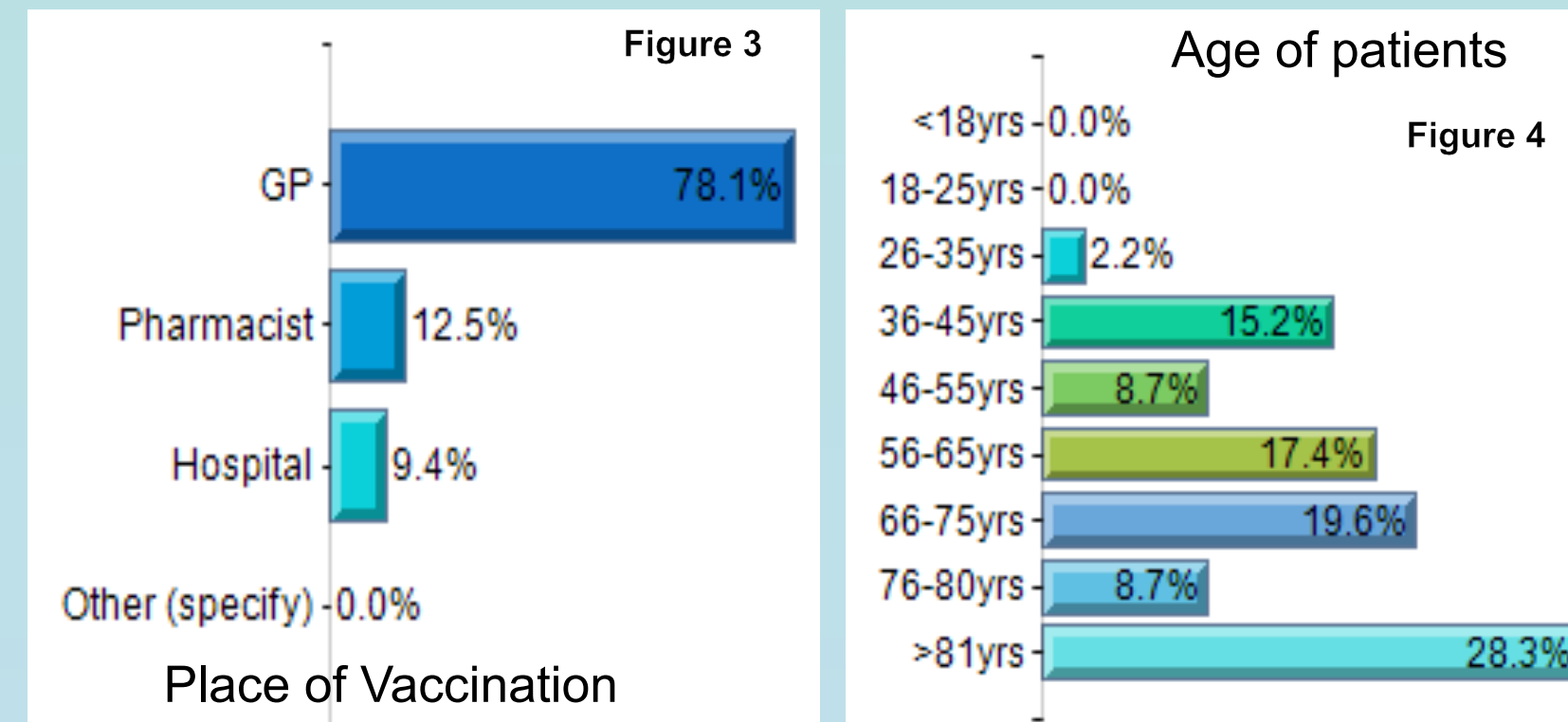
RESULTS



Percentage of patients up to date with vaccination



Percentage who would avail of vaccine if available in dialysis unit



RESULTS

A total of 46 patients were included in the audit. The total uptake of the influenza vaccine was 69.6% (N=32)(Figure 1). Most patients (78.1% N=36) received the vaccination from their GP practice (Figure 3). Out of the 30.4% (N=14) patients who declined the influenza vaccine, the most common reason was worry regarding possible side effects (42.9%)(Figure 5). Other reasons included lack of awareness of vaccine recommendation (21.4%), and inconvenience attending GP practice (21.4%). The majority (84.4%) expressed that they would receive the flu vaccine if it was available in the Dialysis Unit in 2020 (Figure 2).

DISCUSSION

The audit showed that while there is good uptake of the influenza vaccination in our hospital's Dialysis Unit, it can be improved further. For winter 2020 we are now offering the influenza vaccination for all patients attending the outpatient dialysis unit and plan to re-audit uptake and attitudes to vaccination.

REFERENCES

1. National Immunisation Advisory Committee Immunisation Guidelines
2. Gilbertson DT, Unruh M, McBean AM. Influenza vaccine delivery and effectiveness in end-stage renal disease. *Kidney Int.* 2003;63:738-743