Kidney transplant candidates health literacy and how they access information in non-traditional formats

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Patient's ability to access, understand, interpret and use health related information to manage and improve health.

(Sorensen et al 2012)
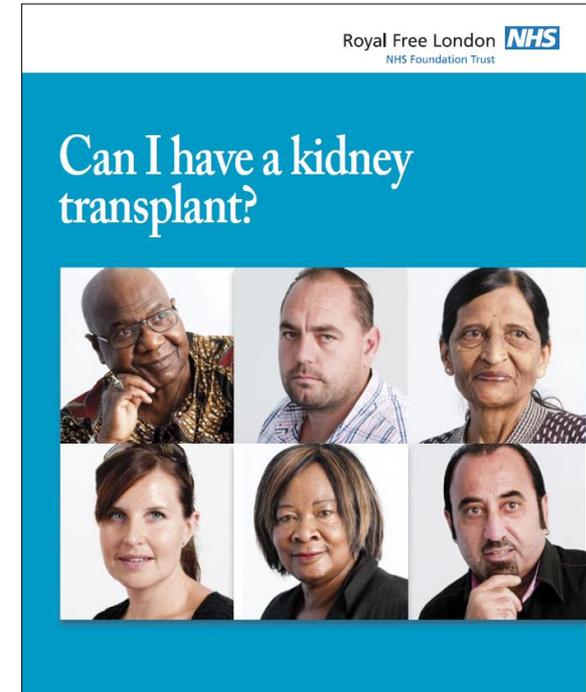
2015 UK Health literacy group report

- Levels of functioning health literacy as low

- Health information - too complex a level for 43% of working age adults

- This rises to 61% if it includes numbers

Face to face sessions

Transplant education evenings
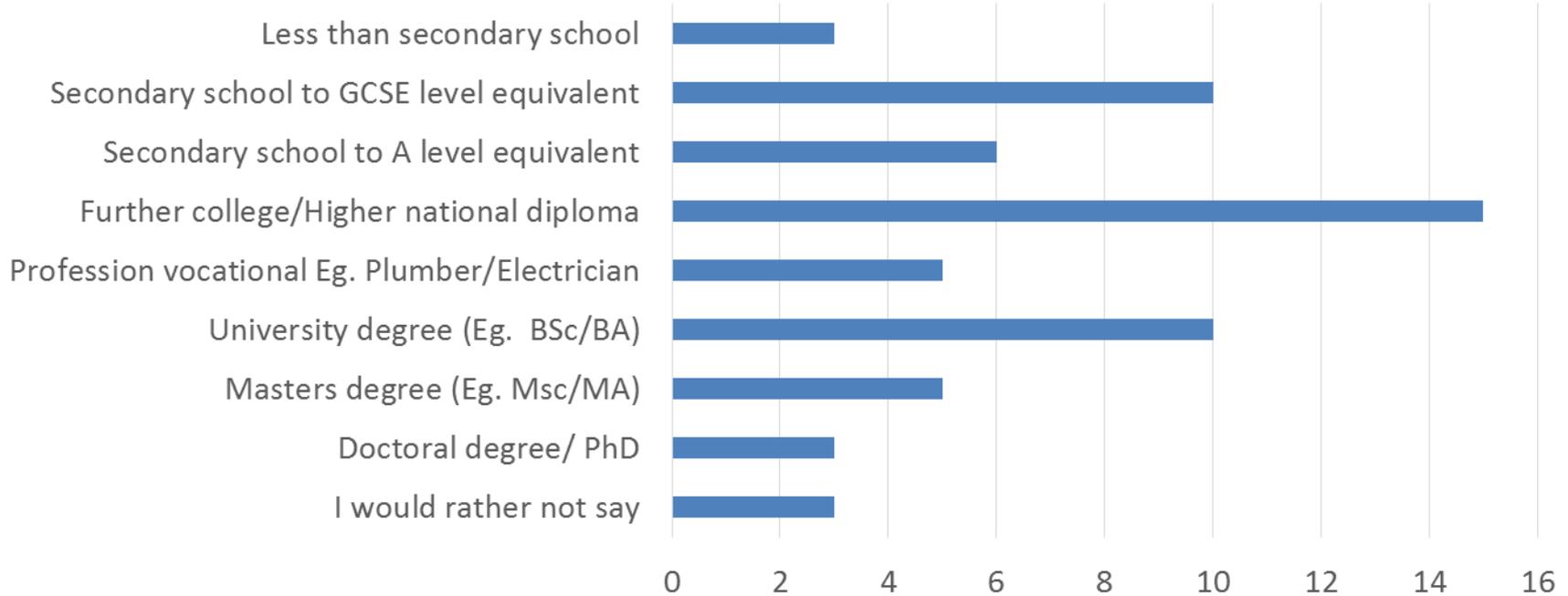
Annual review clinics

Printed magazine

fat
flu
pill
allergic
jaundice
anaemia
fatigue
directed
colitis
constipation
osteoporosis

- 61 participants
- Male 61% Female 39%
- Mean age 52 (24-75)
- Digital natives 13%
- 41% had a previous kidney transplant
- 13% didn't know if they were active on the list

41% Black African/Caribbean/Black British

26% White

14% Asian/Asian British

 8% Mixed/ Multiple ethnic groups

10% Other ethnic group

Levels of education
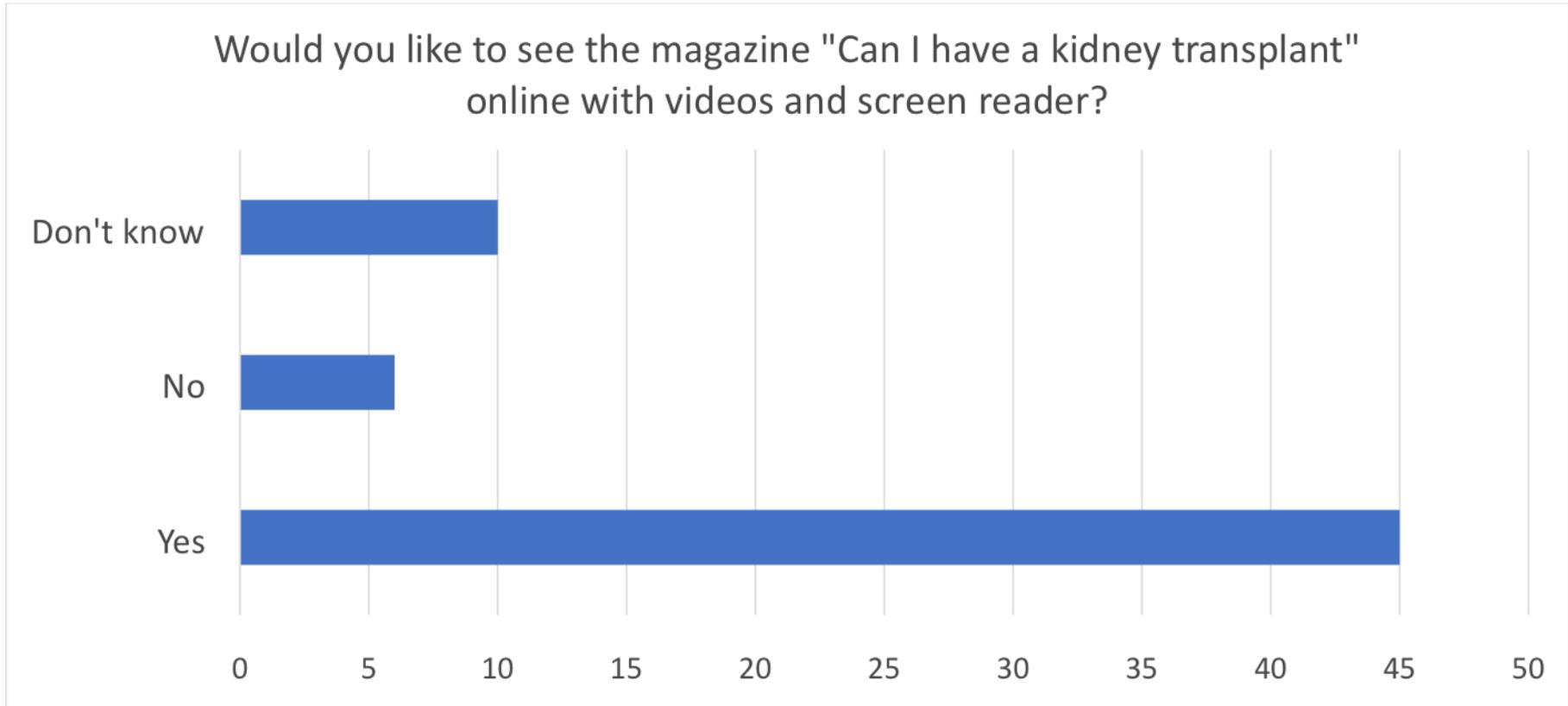
cantonese

french

ghana

nepalese zulu nigerian

fassi turkish ibo

igbo italian

gujriti two/ga yoruba sawahili

somali

nigerium polish spanish

fante

ghanaian gujarati

arabic

- Completed by 57out of 61 participants
- 4 unable to complete as blind
- 46.6% scored 6 or less indicating low health literacy (2-6)
- Mean score 4.46

- 70% never been to a transplant education evening
- 60% denied having a copy of the magazine
- 15% had read the magazine
- 30% did not know about renal patient view
- 60% search the internet to learn about their health
- 87% own a smart phone/tablet.

Would you like to see the magazine "Can I have a kidney transplant" online with videos and screen reader?

Does a patient's REALM score or level of education influence the likelihood of them reading the magazine?

Correlations

			How much did you read
Spearman's rho	REALM-R score	Correlation Coefficient	-,581
		Sig. (2-tailed)	,004
		N	23
	REALM-R score absolute value	Correlation Coefficient	-,443
		Sig. (2-tailed)	,030
		N	24
	Level of education	Correlation Coefficient	-,253
		Sig. (2-tailed)	,232
		N	24

- Health literacy levels are low

- Aim patient information at lower health literacy

- Provide information in different formats

- Digital publishing package for language barrier