

Online Appendix 2: Questionnaire for Optometrists

Code:.....

A. Demographic Profile						
1. Age	<30	30-40	41-55	55-65	>65	
2. Gender	Male			Female		
3. Post qualification experience	<5years	5-10years	10-15 yrs	16-20 yrs	>20yrs	
B. Work Profile						
4. Location of work-place	Rural	Urban	Semi-urban			
5. Job Type:	Production	Supervisory	Both			
OUTREACH SERVICES						
6. Do you conduct outreach services	Yes			No		
If yes to No 8, please answer question 9 to 15.						
7. If yes how many health institutions do you visit?						
8. Roughly how far in kilometres is the nearest health institution you visit as part of the outreach services?	<10	10-20	21-30	31-40	41-50	>50
9. Roughly how far in km is the farthest health institution you visit as part of outreach services?	<20	20-30	31-40	40-50	>50	
10. How many patients do you see on outreach visits monthly?	<50	50-100	101-150	151-200	>200	
11. What is the referral waiting period? How long do patients have to wait (to go to base hospital) after being examined at the outreach clinics?	<1 month	1 to 3 months	3 to 6 months	>6 months	Don't Know	
12. Patient's average referral waiting period after being referred from outreach hospital.	<1 month	1 to 3 months	3 to 6 months	>6 months	Don't Know	
13. Average waiting period for patients to get an appointment to see the optometrist at outreach institution.	<1 month	1 to 3 months	3 to 6 months	>6 months	Don't Know	
14. Average waiting period for patients to get an appointment to see the optometrist at base hospital.	<1 month	1 to 3 months	3 to 6 months	>6 months	Don't Know	
15. How many patients do you see at base hospital?	<50	50-100	101-150	151-200	>200	
16. SERVICES RENDERED:						
Do you render the following optometry services?	At Base Hospital			At Outreach Health Institutions		
	YES	NO	YES	NO		
1. Vision Screening						
2. Refractions						
3. Ordering and dispensing of Spectacles						
					Initials	

4. Binocular vision				
5. Contact lenses				
6. Paediatric Optometry				
7. Low Vision				
8. Ocular diagnostic procedures				
9. Other services please specify				

Reasons for not providing any of the above-mentioned optometry services. 1= Lack of equipment 2= Not interested 3= Time constraints 4=Do not feel competent enough 6= other (write reason in block)	At Base Hospital	At Outreach Health Institutions
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1. Vision Screening		
2. Refractions		
3. Ordering and dispensing of spectacles		
4. Binocular vision		
5. Contact lenses		
6. Paediatric Optometry		
7. Low Vision,		
9. Ocular Diagnostics		

REFERRALS

17. How often do you refer to the following? (Mark with X):	A few times a week	Once a week	Once a month	Once in 6 months	Never
i. General practitioners					
ii. Ophthalmologists					
iii. Private optometrists					
iv. Other health professionals					

18. How often do you refer for the following conditions?	A few times a week	Once a week	Once a month	Once in 6 months	Never
i. Ocular adnexal conditions					
ii. Keratoconus					
iii. Other Anterior segment conditions					
iv. Glaucoma					
v. Crystalline lens conditions					
vi. Vitreous body Conditions					
vii. Retinal conditions					
viii. Low Vision Conditions					
ix. Binocular Vision/Paediatric Conditions					

Initials

EQUIPMENT (TICK THE EQUIPMENT AVAILABLE AT THE SITE)

	Base Clinic	Outreach
VA Charts (distance and near)		
Phoropter		
Trial lens set and Trial Frame		
Penlight Torch		
Ophthalmoscope and Retinoscope Set		
90D/70D Lens		
BIO		
Slit Lamp		
Tonometer		
Gonioscope		
Projector		
Colour Vision Test Devices		
Keratometer		
Rigid Contact Lens Trial Set		
Fluorescein dye		
Diagnostic Drugs (e.g. atropine, mydriacyl, anaesthetic)		
Binocular vision test devices e.g. Prism Bar, Maddox wing, Worth four dot test		
Depth perception apparatus e.g.Lang, Randolt, Titmus; Titmus stereo tests		
Visual field tests devices e.g. Tangent; HVFA; Amsler grid etc		
Vertometer		
OTHER:		

C. PROPOSED EXPANSION OF THE SCOPE OF PRACTICE FOR OPTOMETRISTS

The HPCSA in November 2009 approved the proposal from the Professional Board to expand the scope of practice to include the treatment of ocular diseases.

expand the scope of practice to include the treatment of ocular diseases?			
19. Do you know about this proposed scope expansion?	Yes	No	
20. Do you agree that optometrists should be able to <u>prescribe</u> ocular drugs for treatment of anterior segment diseases?	Yes	No	Don't know
21. Do you think optometrists are adequately trained to be able to <u>diagnose</u> anterior segment ocular diseases?	Yes	No	Don't know
Please elaborate on your answer			
22. Do you think optometrists are currently adequately trained to be able to <u>treat</u> anterior segment ocular diseases?	Yes	No	Don't know

Initials

Please elaborate						
23. Would you personally wish to use drugs to treat ocular diseases?	Yes	No	Don't know			
24. What conditions do you think optometrists should be allowed to treat?	i. ii. iii. iv. v.					
25. Which conditions do you think optometrists should manage in the following ways?	Independently treat	Co-manage with GPs and Ophthalmologist	Initiate treatment and refer.	Not treat		
Please list conditions in the relevant columns.						
26. Would you be interested to undertake further training to allow you to prescribe drugs?	Yes	No	Don't know			
27. What percentage of all your referrals might be avoided if you could prescribe therapeutic agents?	5-10%	11-15%	16-20%	21-30%	>30%	Don't know
28. In what way do you think the expansion of scope of optometry is going to benefit the delivery of eye care services in the public sector?						

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Signature of participant

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Date

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Researcher (Print)

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Date

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Signature

Note: This is Online Appendix 2 of Maake ME, Moodley VR. An evaluation of the public sector optometric service provided within the health districts in KwaZulu-Natal, South Africa. Afr Vision Eye Health. 2018;77(1), a407. <https://doi.org/10.4102/aveh.v77i1.407>