WORKSHOP 1
Hand neutralisation

Learning Outcomes

After completion of this workshop students:

- Will be able to determine the power of an unknown lens by neutralising with lenses of known power
- Will be able to determine the axis of sphero-cylindrical and cylindrical lenses

Instructions

Step 1 Select a lens from the selection of lenses (or fitted spectacles) in numbered packets.

Step 2 Note the number of the lens on the record form.

Step 3 Determine whether the lens is spherical cylindrical or sphero-cylindrical using the scissors movement. For cylindrical and sphero-cylindrical lenses, locate and mark the principal meridians.

Step 4 Determine the lens power (in each meridian for cylindrical and sphero-cylindrical lenses), using the trial lenses and observation of the image movement through the combination.

Step 5 For sphero-cylinders and cylinders locate the optical centre by marking the intersection of the principal meridians.

Step 8 Repeat for the remaining lenses.

WORKSHOP 1 RECORD FORM

SR No	Neutralizing power	Actual power
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

SR No	Neutralizing power	Actual power
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

SR No	Neutralizing power	Actual power
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Sign of Faculty Date