

# Ophthalmic Imaging Technician



## **Competency Pack**

## **Ophthalmic Imaging Technician**

## Competency sign off

Competency Number	Name of Competency	Time Length
1	Clinical Hand Washing	1 Month
2	Preparation and Set Up for Clinic	1 Month
3	Accurately Testing and Recording Visual Acuities	1 Month
4	Accurate use of the Automatic Focimeter Medical device	1 Month
5	Instillation of Eye Drops	2 Months (12 Sessions)
6	Accurate use of the Auto refractor	2 Months
7	Visual Field Testing	2 Months
8	Optical Coherence Tomography - Spectralis	3 Months
9	Optical Coherence Tomography - Maestro	3 Months
10	Corneal Topography	3 Months
11	Corneal Specular Microscopy	3 Months
12	Retinal Photography - Clarus	3 Months
14	Anterior Segment Photography – 50DX	6 Months
	Additional competencies	
15	Measuring Intra Ocular Pressure accurately with Icare Tonometer	
16	Induction of new starters to the department	
17	Preparation and Set Up for Clinical Activity – Outpatients clinic rooms	
18	Retinal Photography – 50DX	

#### <u>Aim:</u>

To ensure that every health care worker who has clinical contact with patients decontaminates their hands to the standard required by the task undertaken:

- Social hand washing
- Aseptic techniques preparation
- To be confident and competent in completing Hand Hygiene Audits
- All in accordance with The National and Trust guidelines

#### Method of achievement:

- Through discussion and practical teaching
- One to one observation

#### Method of Assessment

Through assessment by a practitioner who is competent in hand washing techniques

Performance Criteria	Achieved /	Date initial	Review	Review	Review
	<u>Not</u> achieved	<u>Assessment</u>	date 1	date 2	date 3
Demonstrates					
knowledge and					
understanding of					
Trust Guidelines for					
hand washing					
Demonstrates					
knowledge and					
understanding of					
potential problems					
associated with hand					
washing					
Demonstrates the					
correct procedure for					
minimising infection					
through hand washing					
and bare below the					
elbow in ALL clinical					
settings					

#### Supporting knowledge – Checklist for Hand washing Training

- What is the most important means of preventing the spread of infection in the clinical setting
- When is it necessary to wash hands in the clinical setting
- Describe the five moments of hand hygiene
- What action should you take if you develop an allergy/skin irritation
- What is the difference between transient and resident organisms (flora)?

#### Hand Washing Demonstration

- Apply lotion to hands cover all surfaces
- View hands with the ultra violet light
- Perform handwashing
- View hands with ultra violet light, noting areas that glow. These are the area's most frequently missed in handwashing

Repeat as necessary

Trainee Signature:			
Mentor Signature:			
Date:			

### 2. PREPARATION AND SET UP FOR CLINICAL ACTIVITY

<u>Aim:</u> To ensure every member of the team understands how to set up the imaging rooms for the

#### Method of achievement:

- Through discussion and practical teaching •
- One to one observation •

Supervised practice					
Performance	Achieved /	Date initial	Review	Review	Review
Criteria	Not	Assessment	date 1	date 2	date 3
Opens three imaging rooms. Prepares work surfaces and imaging modalities, following infection control procedures.					
Turns all imaging modalities on. Logging in to ensure that they are working correctly before the start of clinic. Removing covers and putting on breathe shields.					
Ensure each room has adequate alcohol wipes, tissues and gloves. Top up twice a week.					
Reports damaged or faulty equipment to Team Leader.					
Identify hazards in the corridor or waiting room. Removes or reports to person in charge of the shift.					
At the end of clinic, clean and cover each imaging modality. Removing the Spectralis OCT's breath shield. Tests emergency bell to ensure it is working					

Updates the cleaning schedule and temperature chart by signing/dating.						
Supporting knowledg	e – One to one	questioning				
Why is it necess	sary to date and	sign the cleaning	g schedule			
<ul> <li>Why is it importa</li> </ul>	ant to minimise	hazards in the w	orking area			
<ul> <li>Discuss Health</li> </ul>	& Safety at Wor	k Act, COSHH a	nd Infection (	Control Policy	<b>/</b>	
Preparation and Set u	<u>p – Demonstra</u>	ation				
<ul> <li>Observe full set</li> </ul>	up and clean d	own of all three in	maging room	S		
Trainee Signature:						
Mentor Signature:						
Date:						

#### 3. ACCURATELY TEST AND RECORD VISUAL ACUITIES

#### Aim:

To measure each patient's BEST distance visual acuity accurately, documenting with or without glasses clearly. This is a base line of each patient's vision to plan the future tests and treatments if required.

#### IT IS A LEGAL PROCEDURE

Method of achievement: Supporting knowledge base •

Observation and one to one teaching •

Method of Assessment Supervised practice

Performance Criteria	Achieved /	Date initial	Review	Review	Review
	Not	Assessment	date 1	date 2	date 3
	<u>achieved</u>				
Check patient's					
Name					
<ul> <li>Date of Birth</li> </ul>					
<ul> <li>Previous VA's if</li> </ul>					
applicable/					
avalible					
Make sure stickers and					
front sheet are correct					
Position patient at the					
specified distance from					
the vision chart, giving					
clear and concise					
Ensure that the vision					
chart is correctly					
illuminated and the					
room is dim to avoid					
glare					
Find out if the patient					
has distance glasses or					
contact lenses and					
record correctly in the					
medical notes.					
Ensure the patient is					
looking through the					
correct part of the					
Demonstrates					
perioristrates					
of the natient with					
communication					
difficulties by selecting					
an alternative method					
of vision testing not					
dependant on the					
reading or speaking of					
English					
English					

Test each eye					
separately, taking care					
that the other eye is					
well occluded, with a					
clean occluder.					
When VA is less					
than 0.2 or 6/9					
in any eye use					
pinhole					
appropriately					
<ul> <li>If the patient is</li> </ul>					
unable to see					
the vision chart,					
test counting					
fingers each eye					
separately –					
then try pin hole					
for each eye					
<ul> <li>If the patient is</li> </ul>					
unable to see					
count fingers –					
move to hand					
movement each					
eye and					
document					
clearly					
<ul> <li>If the patient is</li> </ul>					
unable to see					
hand movement					
<ul> <li>move to pin</li> </ul>					
light and					
document					
Clean occlude					
after each					
patient					
Accurately documents					
in the patient record					
and signs, dates and					
times the entry.					
Promptly reports any					
concerns about the					
result to the nurse in					
charge of the shift					
Supporting knowledge	– One to one c	questioning			
Discuss the ration	ale for testing t	he vision of ever	y patient		
<ul> <li>Discuss why dista</li> </ul>	nce is importar	nt when testing vi	ision		
<ul> <li>Explain why it is n</li> </ul>	ecessary to ob	tain best visual a	cuity		
• Explain when it would be advisable to select the following alternative methods of					

- Explain when it would be advisable to select the following alternative methods of visual acuity testing:
  - + Sheridan Gardiner test
  - + Kays picture test
  - + E test
- What is the purpose of using pin hole?
- Why is it necessary to date, sign and record the time of the vision test?
- What are the concerns about the visual acuity results which would require prompt reporting?

<ul> <li>List some causes of the following: + Sudden loss of vision</li> </ul>										
	+ Gradual loss of vision									
Testing and recording v	<u>/isual acuity –</u>	<b>Demonstrat</b>	<u>ion</u>							
One to one teach	ing									
Observation	-									
SNELLEN 🗆		LOGMAR		THOMPS	SON					
Trainee Signature:										
Mentor Signature:										
Date:										

#### 4. FOCIMETER

#### Aim:

To understand the methods and rationale for how the Focimeter operates and what Focimetry is measuring. How it is measured appropriately and its relevance to understanding and qualifying the Biometric readings.

#### Method of achievement:

- Through discussion and practical teaching
- One to one observation

#### Method of Assessment

Supervised practice					
Performance Criteria	<u>Achieved /</u> <u>Not</u> <u>achieved</u>	<u>Date initial</u> Assessment	<u>Review</u> date 1	<u>Review</u> date 2	<u>Review</u> date 3
Explain how patients focimetry/refraction readings relate to a patients vision					
Define the expected parameters for focimetry/refraction and the difference between both eyes					
Discuss the reasons why focimetry may not be required					
Measure each lens separately and record refraction to assist in Biometric calculation.					
Problem solve if unable to quantify readings.					
Records measurements correctly in patients notes					
Demonstrates how to turn off the Focimeter					
Manual/ automatic – ability to do both					
Document – signed and dated					

#### Supporting knowledge – Checklist for Focimeter Training

- Demonstrates understanding of the calibration of the TopCom Focimeter device
- Follows the Infection Control Policy for hand washing and cleaning of medical devices
- Give a clear, concise explanation of the procedure/process to the patient
- Gain consent for measurement of patients spectacles
- Analyses results and demonstrates the application of theory to practice regarding the patients refraction and ophthalmic history
- Demonstrates the ability to analyse and record the lens, sphere, cylinder and axis

<u>Testing and recording Focimeter – Demonstration</u> • One to one teaching • Observation						
Trainee Signature:						
Mentor Signature:						
Date:						

#### 5. INSTILLATION OF EYE DROPS

#### Aim:

Demonstrates the correct technique for installing eye drops in a clinical setting.

- Tropicamide 1%
- Phenylephrine 2.5%
- Proxymetacaine 0.5%
- Cyclopentolate 1%

#### Method of achievement:

Formal lecture on the use, action and side effects of the drops

- Eye drops are medications given by group clinic/protocol prescriptions
- Gt Tropicamide and Phenylephrine dilate the pupil
- Gt Proxymetacaine is a local anaesthetic
- GT Cyclopentolate is primarily used for children, but can be used for adults with an allergy to Tropicamide

TROPICAMIDE = produces a short acting mydriasis (4-8hrs) PHENYLEPHRINE = produces a longer acting mydriasis (over 8hrs) PROXYMETACAINE = anaesthetic

- One to one observation of practice
- One to one supervised practice

Performance Criteria	Achieved /	Date initial	Review	Review	Review
	<u>Not</u> achieved	<u>Assessment</u>	date 1	date 2	date 3
On every occasion					
check the following					
- Name					
<ul> <li>Date of Birth</li> </ul>					
- Address					
- Allergies					
Check the triage slip					
from the nurse/doctor					
On every occasion					
check the eye drops					
have been prescribed					
by a member of the					
the fallowing					
- The conect eye					
The right patient					
- At the right time					
- By the right					
route					
Demonstrate					
awareness of the need					
for good hand hygiene					
and follows infection					
control policy					
Demonstrates					
awareness of patient					
safety					
By consistently					

checking if the patient					
is <b>DRIVING</b> prior to					
installing the eve drops					
instailing the eye drops					
EVEN IF ONE EVE					
Ensures the patients					
bood is in the correct					
nead is in the conect					
supported					
Correctly and contly					
correctly and genity					
pulls down the lower					
eyelid with a clean					
Tolded lissue.					
- Asks the patient					
to look up					
- Instils a single					
eye drop into					
the centre of the					
lower fornix					
Signs and documents					
the time the eye drop					
was given					
Reports any reactions					
or allergies to a doctor					
Supporting knowledge	- One to one c	questioning			
Vvhy is your role if	imited to the ab	ove listed eye dr	ops		
<ul> <li>List some of the v</li> </ul>	isual side effec	ts of pupil dilation	n and why di	riving is cont	raindicated.
What are the cont	ra-indications,	allergies or sens	itivities to the	e eye drops?	
<ul> <li>What are the 3 step</li> </ul>	eps to follow BE	EFORE it is safe	to instil the e	eye drop in to	o the
patient's eye?					
<ul> <li>Why is good hand</li> </ul>	hygiene neces	ssary?			
<ul> <li>Discuss the import</li> </ul>	tance of signin	g and timing eye	drop instillat	tion	
Discuss the difference	ent ways of sto	ring eye drops			
Instillation of eye drops	- Demonstrat	tion			
- One to one teach	ing				
- Observation	-				
- Information Bookl	et				
PDF					
~					
0728_001.pdf					
-	<b></b>	<b></b>	<b>F</b>	[	
Irainee Signature:					
wentor Signature:					
Date:					

### 6. AUTOREFRACTOR

#### <u>Aim:</u>

To understand the methods and rationale for how the autorefractor operates and what autorefraction is measuring, how it is measured appropriately and its relevance.

#### Method of achievement:

- Through discussion and practical teaching
- One to one observation

#### Method of Assessment

Supervised practice					
Performance	Achieved /	Date initial	<b>Review</b>	Review	<b>Review</b>
<u>Criteria</u>	<u>Not</u>	<u>Assessment</u>	<u>date 1</u>	date 2	date 3
	achieved				
Use clear and concise					
language in order to					
position patient					
correctly at the					
autorefractor					
Explains to the patient					
how to focus on the					
target light					
Demonstrates the					
ability to use					
equipment controls to					
obtain a sharp image					
of the cornea					
Consistently selects					
IOL mode on the					
autorefractor as					
appropriate					
Tests each eye					
separately and then					
prints out results for					
patient notes. After					
placing in patient					
notes enters the date					
and time of the					
procedure and signs					
entry					
Reports any concerns					
about the results to					
the relevant doctor					

#### Supporting knowledge – Checklist for Autorefractor Training

- Explain when autorefraction might be performed
- Describe how you would explain the procedure to the patient
- Describe the anatomy of the cornea and what an astigmatism is
- Explain why you might not get a sharp image of the cornea and how you might resolve this
- Explain why it is necessary to put the date and time of the procedure in the patients notes and then sign the entry
- Discuss what concerns you would report to the doctor

#### Testing and recording Focimeter – Demonstration

- One to one teaching
- Observation

Trainee Signature:			
Mentor Signature:			
Date:			

#### 7. MEASURING INTRA OCULAR PRESSURE ACCURATELY WITH ICARE TONOMETER

Aim: To understand the methods and rational behind measuring the intra ocular pressure and obtaining the accurate reading

#### Method of achievement:

- Anatomy and physiology of the cornea
- Formal teaching of Glaucoma

Supervised practice			· - ·			
Performance Critería	Achieved /	Date initial	Review	Review	Review	
	Not	<u>Assessment</u>	<u>date 1</u>	date 2	date 3	
	achieved					
Correctly positions the						
patient comfortably and						
consistently, giving an						
explanation to enable						
compliance						
Correctly calibrates						
ICARE placing the						
probe using a non-touch						
technique and ensuring						
it is magnetised						
Demonstrates dexterity						
and accurate						
placement/alignment of						
the ICARE tonometer						
and 90 degree angle						
Correctly and						
consistently interprets						
and records the						
measurements, and						
reports any abnormal						
findings to the						
requesting doctor/nurse						
Top line = measure						
again						
<b>Middle line =</b> ≤ 19						
acceptable. ≥ 19 re						
measure						
Bottom line =						
Acceptable						
No line = Perfect						
Demonstrates care of						
specialised equipment						
and follows correct						
aseptic technique						
Supporting knowledge	– One to one c	questioning				
Explain the rational for measuring intra ocular pressures						

- Under what circumstances would you not attempt to measure IOP
- Which eye drop could you use when measuring the IOP if a patient was anxious and why
- If correct technique is used and pressure is put on the globe describe how this may affect the reading
- What measures are taken to prevent cross infection
- How does Herpes Simplex and Adenovirus cross infect

Testing and recording visual acuity – Demonstration								
One to one teaching								
Observation								
Trainee Signature:								
Mentor Signature:								
Date:								

8. <u>VISUAL FIELDS</u>						
Aims: To understand th	e rationale for a	ssessing the vis	sual field			
To competently of	arry out a visua	l field assessme	ent using the	Humphrey \	/isual Field	
Analyser (HFT)	n order to obtai	n accurate resi	ilts	, nampinoy v		
Method of achievemen	nt <sup>-</sup>					
Formal lecture of anator	nv of the visual	nathway and vi	sual field def	ects		
Discussion and practica	l teaching	pairway and vi		5010		
Method of assessment	h					
One to one assessment	of practice					
Performance Criteria	Achieved/	Date of	Review	Review	Review	
	Not	initial	date 1	date 2	date 3	
	achieved	assessment			<u>uato o</u>	
Prepares the						
environment sets up						
and inspects that						
equipment is ready for						
Follows the Infection						
Control Policy for band						
bygiene and cleaning						
of modical dovices						
including cleaning chin						
roct patient buzzer						
and white plastic over						
and white plastic eye						
Chocke patient's:						
Checks patient s.						
Name     Data of birth						
Correctly inputs						
nationt data and						
solocte appropriato						
conectly inputs						
patient s renactive						
error to calculate leris						
to corruge to the toot						
Diagona correct long in						
long holder						
Explains the purpose						
of the test						
Hands buzzer to the						
nations buzzer to the						
when they need to						
proce the buzzer						
Lisos cloar and						
order to position the						
nationt correctly at the						
HET and if appropriate						
occludes one eve						

Emploine to the netion (					
Explains to the patient					
target light					
Monitors patient					
fixation and					
encourages					
compliance					
Tests each eye					
separately (except					
Estermann for DVLA)					
with appropriate lens					
for each eye.					
Prints out news for					
Records in notes that					
HET carried out which					
programme and any					
necessary comments.					
Date and sign entry.					
Carries out procedure					
within appropriate time					
frame					
Reports any concerns					
to the relevant clinician					
Supporting knowledge	<u> </u>				
Explain why a vis	<u>sual field might l</u>	be performed			
Describe how yo	u would explain	the procedure	to a patient		
• Explain why it is	important to pos	sition the patien	t correctly		
Explain why it is	important to mo	nitor the patient	t's fixation		
Explain why you	might get inacc	urate visual fiel	ds plotted		
Explain why it is	necessary to pu	it the date, time	and your sta	mp in the no	tes.
Trainee Signature:					
Mentor Signature:					
Date:					

#### 9. ACCURATE USE OF THE HEIDELBERG ENGINEERING SPECTRALIS OCT – OPTICAL COHERENCE TOMOGRAPHY SEH - OUTPATIENTS

#### <u>Aim:</u>

To produce accurate scans of the macular or macular area. Cross sectional scans will display clear images of the retina's distinctive layers, whilst displaying a sharp infrared fundus photograph.

To produce an accurate scan of the optic nerve. A retinal nerve fibre layer scan of the highest possible quality will be captured.

To capture sharp and anatomically correct Fundus Autofluorescence photographs.

This allows the medical team to identify the layers of the retina and determines macular thickness. These measurements help with diagnosis. They also provide treatment guidance for glaucoma and diseases of the retina. These retinal diseases include age-related macular degeneration (AMD) and diabetic eye disease

#### Method of achievement:

- Observation and one to one teaching
- Supervised practice
- Supporting knowledge base Vitreo-Retinal anatomy

#### Method of Assessment

Supervised practice One to one teaching Knowledge base

Performance	<u>Achieved /</u>	Date initial	<u>Review</u>	<u>Review</u>	<u>Review</u>
<u>Criteria</u>	Not	<u>Assessment</u>	<u>date 1</u>	<u>date 2</u>	date 3
	<u>achieved</u>				
Prepares the					
environment, set up					
and inspect					
equipment ready for					
use for clinic					
Follows the Infection					
Control Policy for					
hand washing and					
cleaning of Medical					
Devices					
Understands the risk					
associated with items					
of equipment and					
uses them					
appropriately to each					
patient					
Understands the					
importance of					
checking and					
confirming correct					
patient. asking					

Maraa				
Name Date of Birth				
Searching patient by				
their Hespital Number				
Obtain the correct				
with patient's				
ophthalmic condition /				
clinic you are				
covering.				
Input the patient				
details into the				
machine, confirming				
with the notes and the				
patient				
Respect the cultural				
and spiritual needs of				
the notiont				
Ensure the notiont is				
Ensure the patient is				
comfortable and				
machine is at eye				
level				
Apply scan on to				
fovea/ optic nerve				
correctly				
Move the internal				
fixation target				
Use external light in				
case inner fixation				
target is invisible to				
the patient				
Modify the scan area				
by using the mouse				
Identify the anatomy				
of the fundue image				
or the fundus image				
whilst doing a OCT.				
Encourage and				
motivate patients to				
achieve relevant scan				
Continuously				
monitors and				
observes the patient				
during scanning				
Knows the difference				
between strong, weak				
and low signal quality				
scans				
Knows how to delete				
a scan and modify a				
natient's details				
Aware of the				
limitations of the test				
and know when to				
and know when to				
Obtain a correctly				
positioned macular		1	1	

scan					
Knows how to send					
scans through to					
Harmony					
Document what					
you've done – date,					
time, signature and					
stamp					
Evaluate the technical					
quality of the scan					
and discuss with the					
requester as					
appropriate.					
Carries out the					
procedure within					
appropriate timeframe					
Ensures that the OCT					
is kept clean and					
covered after each					
clinic					
Supporting knowledge	<u>e – One to one</u>	questioning			
<ul> <li>Name the layers</li> </ul>	s of the retina				
<ul> <li>Fundus photogr</li> </ul>	aph – name the	anatomy			
<ul> <li>Describe safety</li> </ul>	checks related	to the imaging m	achine		
<ul> <li>How can you su</li> </ul>	pport patients ir	nability to comply	with visual t	arget instruct	tion
<ul> <li>Discuss the difference</li> </ul>	erence between	imaging a patier	nt who is dila <sup>.</sup>	ted and anotl	ner who
isn't					
<ul> <li>Discuss the imp</li> </ul>	ortance of clear	ly communicating	g with the pa	tient	
<ul> <li>Discuss difficulti</li> </ul>	es that may aris	se, such as comr	nunication ba	arriers, patier	nt
positioning etc.	,			<i>*</i> <b>•</b>	
Outline how to r	eport a fault wit	h the machine			
	•				
Testing and recording	visual acuity ·	- Demonstratio	n		
One to one teac	hing		_		
<ul> <li>Direct observation</li> </ul>	on				
<ul> <li>Evaluation of kn</li> </ul>	owledge base				
	<b>J</b>				
Trainee Signature:					
Mentor Signature:					

Date:

#### 10. <u>ACCURATE USE OF THE TOPCON MAESTRO OCT –</u> <u>OPTICAL COHERENCE TOPOGRAPHY</u> <u>PRH – Outpatients/SOTC and Hove Polyclinic</u>

#### <u>Aim:</u>

To produce accurate radial scans of the macula area. Twelve cross sectional scans will display clear images of the retina's distinctive layers.

To produce an accurate scan of the optic nerve. A retinal nerve fibre layer scan of the highest possible quality will be captured.

This allows the medical team to map and measure their thickness. These measurements help with diagnosis. They also provide treatment guidance for glaucoma and diseases of the retina. These retinal diseases include age-related macular degeneration (AMD) and diabetic eye disease

#### Method of achievement:

- Observation and one to one teaching
- Supervised practice
- Supporting knowledge base Vitreo-Retinal anatomy

#### Method of Assessment

Supervised practice One to one teaching Knowledge base

Performance Criteria	<u>Achieved /</u> <u>Not</u> achieved	Date initial Assessment	<u>Review</u> date 1	<u>Review</u> date 2	Review date 3
Prepare the environment, set up and inspect equipment ready for use for clinic					
Follows the Infection Control Policy for hand washing and cleaning of Medical Devices					
Understands the risk associated with items of equipment and uses them appropriately to each patient					
Understands the importance of checking and confirming correct patient. asking Name Date of Birth					
Searching patient by their Hospital Number					

Obtain the correct			
scan in accordance			
with patient's			
ophthalmic condition /			
clinic you are			
covering.			
Input the patient			
details into the			
machine, confirming			
with the notes and the			
patient			
Respect the cultural			
and spiritual needs of			
the patient			
Ensure the patient is			
comfortable and			
machine is at eve			
level			
Apply scan on to			
fovea/ optic nerve			
correctly			
Move the internal			
fixation target			
Use external light in			
case inner fixation			
target is invisible to			
the patient			
Modify the scan area			
by using the			
touchscreen.			
Identify the anatomy			
of the fundus image			
whilst doing a OCT.			
Encourage and			
motivate patients to			
achieve relevant scan			
Continuously			
monitors and			
observes the patient			
during scanning			
Knows the difference			
between strong, weak			
and low signal quality			
scans			
Knows how to delete			
a scan and modify a			
patient's details.			
Aware of the			
limitations of the test			
and know when to			
withdraw			
Obtain a correctly			
positioned macula			
scan			
	1		

Knows how to send					
scans through to					
Harmony					
Document what					
you've done – date,					
time, signature and					
stamp					
Evaluate the technical					
quality of the scan					
and discuss with the					
requester as required					
Carries out the					
procedure within					
appropriate timeframe					
Ensures that the OCT					
is kept clean and					
is kept clean and					
	0				
Supporting knowledge	e – One to one	questioning			
<ul> <li>Name the layers</li> </ul>	s of the retina				
<ul> <li>Fundus photogr</li> </ul>	aph – name the	anatomy			
Describe safety	checks related	to the imaging m	achine		
<ul> <li>How can you su</li> </ul>	pport patients in	nability to comply	with visual t	arget instruct	ion
<ul> <li>Discuss the difference</li> </ul>	erence between	imaging a patier	nt who is dila <sup>.</sup>	ted and anoth	ner who
isn't					
How to report a	fault with the m	achine			
Testing and recording	visual acuity	- Demonstratio	n		
One to one teac	hina		<u> </u>		
Direct observation	on				
Evoluation of kn	owlodgo baco				
	lowledge base				
Traince Signature:					
Trainee Signature.					
Montor Cignoturo					
wentor Signature:					
Deter					

#### 11. CORNEAL TOPOGRAPHY

#### Aim:

To understand the different types of Topography performed, inclusive of the Anatomy and Physiology.

#### Method of achievement:

- Understanding of types of Topography. •
- Understand the readings. •

- Supervised practice. •
- One to one teaching.

<ul> <li>Knowledge base</li> </ul>	).				
Performance Criteria	Achieved /	Date initial	<u>Review</u>	<u>Review</u>	<u>Review</u>
	Not achieved	Assessment	<u>date 1</u>	<u>date 2</u>	date 3
Droporo the					
anvironment est up					
and increase aquinment					
ready for use for aligie					
Fellows the infection					
Follows the Infection					
Control Policy for					
Devices.					
associated with items					
of equipment and					
appropriately to each					
importance of					
comming conect					
Doto of Pirth					
Input the patient					
dotails into the					
with the notes and the					
nationt					
Obtain the correct					
scan in accordance					
with natient's					
onbthalmic condition					
or practitioner's					
request					
Respect the cultural					
and spiritual needs of					
the patient.					
Ensure the patient is					
comfortable and					
machine is at eve					
level.					
-					

Ensuring the patient					
maintains correction					
patient positioning.					
Apply scan to the					
central aspect of the					
cornea.					
Encourage and					
motivate patients to					
achieve relevant scan.					
Continuously monitors					
and observes the					
patient during					
scanning.					
Know the difference					
between strong, weak					
and low signal quality					
scans.					
Aware of the					
limitations of the test					
and know when to					
withdraw.					
Aware when the eyelid					
is interrupting the					
image quality.					
Evaluate the technical					
quality of the scan and					
discuss with the					
requester.					
Carries out the					
procedure within					
appropriate time					
frame.					
Knows how to send					
through to Harmony					
Documents in notes –					
date, time, Pentacam,					
signature and your					
stamp					
Ensures that the					
Topography machine					
is kept clean.					
Supporting knowledge	e – One to one	questioning			
<ul> <li>Name the layers</li> </ul>	of the cornea.				
<ul> <li>Discuss the reas</li> </ul>	on for obtaining	g the different ref	ractive outco	mes.	
- Describe sefety	abaaka ralatad i	o the imeging m	achina		

- Describe safety checks related to the imaging machine.
- How can you support patient's inability to comply with visual target instruction?
- What concerns about Topography result would require prompt reporting?
- Understands the patient's condition in relation to each scan?

#### Testing and recording visual acuity – Demonstration

- One to one teaching.
- Direct observation.
- Evaluation of knowledge base.

Trainee Signature:			
Mentor Signature:			
Date:			

#### 12. SPECULAR MICROSCOPY

#### Aim:

To understand the different rationales for performing specular microscopy, inclusive of the relevant Anatomy and Physiology.

#### Method of achievement:

- Understanding of the specular microscope. •
- Understand the readings. •

- Supervised practice. •
- One to one teaching.
- 12. wloda

Knowledge base	ə.				
<u>Performance</u>	<u>Achieved /</u>	Date initial	<u>Review</u>	<u>Review</u>	<u>Review</u>
<u>Criteria</u>	Not	<u>Assessment</u>	<u>date 1</u>	<u>date 2</u>	<u>date 3</u>
	<u>achieved</u>				
Prepares the					
environment, set up					
and inspect					
equipment ready for					
use for clinic.					
Follows the Infection					
Control Policy for					
hand washing and					
cleaning of Medical					
Devices.					
Understands the risk					
associated with items					
of equipment and					
uses them					
appropriately to each					
patient.					
Understand					
importance of					
checking and					
confirming correct					
patient asking for:					
Name					
Date of Birth					
Hospital Number					
Input the patient					
details in to the					
machine confirming					
with the notes and the					
patient.					
Obtain the correct					
scan in concordance					
with patient's					
ophthalmic condition					
or practitioner's					
request.					
Respect the cultural					
and spiritual needs of					
the patients.					

Ensure the patient is					
comfortable and					
machine is at eye					
level.					
Apply scan on to					
central aspect of the					
corneal.					
Correctly position the					
patient and explain					
where you need them					
to look					
Encourage and					
motivate patients to					
achieve relevant					
scan.					
Continuously					
monitors and					
observes the patient					
during scanning.					
Know the difference					
between strong, weak					
and low signal quality					
scans.					
Aware of the					
limitations of the test					
and know when to					
withdraw.					
Aware when the					
eyelid is interrupting					
the image quality.					
Evaluate the technical					
quality of the scan					
and discuss with the					
Corrigo out the					
Carries out the					
fromo					
Knows how to cond					
scaps through to					
Harmony					
Documents in notes -					
date time anterior					
photograph signature					
and your stamp					
Ensures that the					
corneal specular					
microscopy is kent					
clean.					
Supporting knowledge	e – One to one	questioning	1	1	
Name the lavers	s of the cornea	1			
	on for obtaining	a the different ref	rootivo outoo		

- Discuss the reason for obtaining the different refractive outcomes.
- Cover safety checks related to the imaging machine.
- How can you support patient's inability to comply with visual target instruction?
- What concerns about Topography the result would require prompt reporting.

- Understands the patient's condition in relation to each scan.
- Testing and recording visual acuity Demonstration
  - One to one teaching.
  - Direct observation.
  - Evaluation of knowledge base.

Trainee Signature:			
Mentor Signature:			
<u>Date:</u>			

#### 13. <u>RETINAL PHOTOGRAPHY USING THE CLARUS WIDE-</u> FIELD CAMERA

#### <u>Aim:</u>

The Clarus wide-field camera is used to obtain wide-field colour fundus photographs of the patient's retina, in order to record and demonstrate a wide spectrum of retinal disease such as diabetic retinopathy, age related macular degeneration (AMD) retinal bleeds, naevae, retinal detachments, venous and arterial occlusions.

#### Method of achievement:

- Observation and one to one teaching
- Supervised practice
- Supporting knowledge base

#### Method of Assessment

Supervised practice

One to one teaching

Knowledge base

Talewiedge base					
Performance Criteria	Achieved / Not achieved	Date initial Assessment	<u>Review</u> date 1	<u>Review</u> date 2	<u>Review</u> date 3
Explains the function of the Clarus					
Widefield camera and the difference					
between this and an ordinary retinal					
camera.					
Explain the process of the test					
procedure and the preparation.					
Have an applied knowledge of manual					
nandling.					
Explain the basic anatomical					
Clarus image (Optic dise, force)					
Ciarus infage (Optic disc, lovea,					
superior and inferior pasal and					
temporal					
regions)					
Prepare the environment, set up and					
inspect equipment ready for use for					
clinic. Follows the Infection Control					
Policy for cleaning Medical Devices.					
Reflect on the possible difficulties that					
can arise when performing this test (for					
example: eye movement, incorrect					
positioning) and discuss problem-					
solving the issues.					
Appraise the advice and action you					
would seek should any complication					
occur (for example, inability to obtain					
readings and photographs not sent to					
OIS Merge).					
Discuss your role and responsibilities					
with reference to the above and your					
tegai position as an opninalmic					
Propage opvironment and individual					
and ensure the Clarus and computer					
	1				

are in full working order. Working environment is free from hazards and the patient is safe (Not wearing any glasses, eye dilated if necessary).			
Follows the Infection Control Policy for hand washing and cleaning of Medical Devices			
Undertakes standard infection prevention procedures relevant to this procedure (Handwashing, machine cleaning etc.) Ref <u>https://nww.bsuh.nhs.uk/clinical/teams-</u> and-departments/infection-prevention/			
Introduce themselves and confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target.			
Obtains verbal consent from patient/carer.			
Develop strategies to overcome complex communication issues to be effective with both patient and staff alike.			
Understands the risk associated with items of equipment and uses them appropriately to each patient			
Position and align patient correctly ensuring patient is comfortable (this may need physical positioning of patient's head).			
Understands the difference and reasoning to choose between WF and UWF.			
Saves images and sends across to Harmony			
Document what you've done – date, time, signature and stamp			
Input the patient details in to the machine confirming with the notes and the patient			
Respect the cultural and spiritual needs of the patient			
Use external light in case inner fixation target is invisible to the patient			
Obtain a good focus and flash level			
Encourage and motivate patients to achieve relevant photographs			
Aware of the limitations of the test and know when to withdraw		 	
Carries out the procedure within appropriate timeframe			

					r				
Ensures that the Clarus is kept clean									
and covered after each clinic									
Supporting knowledge – One to one guestioning									
<ul> <li>Identify posterior anatomy</li> </ul>	Identify posterior anatomy								
<ul> <li>Discuss the reason for dilating th</li> </ul>	<ul> <li>Discuss the reason for dilating the pupils with mydriatic drops</li> </ul>								
<ul> <li>Discuss safety checks related to</li> </ul>	the imaging	machine	1 -						
How can you support patients in:	ability to cor	nnly with visus	l taraat in	struction	2				
• What concorns about the retinal	image woul	d roquiro prom	nt roporti	na?	•				
	inage woul	u require prom	prieporu	ng :					
•	Damanatu								
lesting and recording visual acuity –	Demonstra	ation							
<ul> <li>One to one teaching</li> </ul>									
<ul> <li>Direct observation</li> </ul>									
<ul> <li>Evaluation of knowledge base</li> </ul>									
Trainee Signature:									
Mentor Signature:									
Date:									
Date.									

#### 14. <u>ANTERIOR SEGMENT PHOTOGRAPHY –</u> <u>50DX RETINAL CAMERA</u>

#### Aim:

To accurately document and record conditions such as, pterygium, naevi, conjunctival contraction, keratitis and styes, on the anterior of the eye. These photographs are then used for comparison and teaching purposes.

Method of achievement:								
Observation and one	e to one teaching							
<ul> <li>Supervised practice</li> </ul>	· · ·							
Supporting knowledge base								
Method of Assessment	<b>J</b> = = = = = = = = = = = = = = = = = = =							
Supervised practice								
One to one teaching								
Knowledge base								
Performance Criteria	Achieved / Not	Date initial	Review	Review	Review			
<u>r chomanoc ontena</u>	achieved	Assessment	date 1	date 2	date 3			
Explains the function of								
the anterior segment								
photograph.								
Able to understand								
clinician's request so the								
correct area is								
photographed. Clarifies								
with clinician if necessary								
Explain the process of the								
test procedure and the								
preparation								
Have an applied								
knowledge of manual								
handling								
Explain the basic								
anatomical structures of								
the anterior of the eve								
the antenor of the eye.								
Prepares the								
environment, set up and								
inspect equipment readv								
for use for clinic								
Reflect on the possible								
difficulties that can arise								
when performing this test								
(for example: eve								
movement, incorrect								
positioning) and discuss								
problem-solving the								
issues.								
Appraise the advice and								
action you would seek								
should any complication								
occur (for example,								
inability to obtain								
photographs).								
Discuss your role and								

reference to the above			
and your legal position as			
an ophthalmic technician.			
Prepare environment and			
individual and ensure the			
retinal camera and			
computer are in full			
working order. Working			
environment is free from			
hazards and the patient is			
safe (Not wearing any			
glasses, eye dilated if			
necessary).			
Follows the Infection			
Control Policy for hand			
washing and cleaning of			
Medical Devices			
Undertakes standard			
infection prevention			
procedures relevant to			
this procedure			
(Handwashing, machine			
cleaning etc.)			
Ref			
https://nww.bsuh.nhs.uk/cl			
inical/teams-and-			
departments/infection-			
prevention/			
Introduce themselves and			
confirms patient's D.O.B,			
explains procedure clearly			
Including positioning of			
patient's head, the need			
to keeping head straight,			
to keeping head straight, where to look to view the			
to keeping head straight, where to look to view the fixation target.			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer.			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff elike			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike.			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of oquipment and uses them			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient Position and align patient			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient Position and align patient correctly ensuring patient is comfortable			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient Position and align patient correctly ensuring patient is comfortable			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient Position and align patient correctly ensuring patient is comfortable Maintains correct infection			
to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike. Understands the risk associated with items of equipment and uses them appropriately to each patient Position and align patient correctly ensuring patient is comfortable Maintains correct infection control measures as			

policy https://nww.bsuh.nhs.uk/cl inical/teams-and- departments/infection- prevention/					
Input the patient details in to the machine confirming with the notes and the patient					
spiritual needs of the patient					
Obtain a good focus and flash level					
Encourage and motivate patients to achieve relevant photographs					
Aware of the limitations of the test and know when to withdraw					
Carries out the procedure within appropriate timeframe					
Saves images and sends across to Harmony					
Documents in notes – date, time, anterior photograph, signature and your stamp					
Ensures that the device is kept clean					
Supporting knowledge – (	One to one quest	ioning		I	
<ul> <li>Identify anterior anat</li> </ul>	tomy				
<ul> <li>Discuss the reason f</li> </ul>	or not dilating the	e pupils with my	driatic drops		
<ul> <li>Discuss understandi</li> </ul>	ng the clinician's	request and what	at to do if it i	s unclear	
<ul> <li>Discuss what you do</li> </ul>	if your struggling	to position the	patient on th	ne machine	;
<ul> <li>Cover safety checks</li> </ul>	related to the ima	aging machine			
<ul> <li>How can you support</li> </ul>	rt patients inability	to comply with	visual targe	t instructio	n
• Testing and recording vis		onstration			
<u>Testing and recording vis</u>	uai acuity – Dein	onstration			
<ul> <li>Direct observation</li> </ul>					
<ul> <li>Evaluation of knowle</li> </ul>	edge base				
Trainee Signature:					
Mentor Signature:					
Date:					

# Additional Competencies

## 15. PREPARATION AND SET UP FOR CLINICAL ACTIVITY

Check the calibration of

<u>Aim:</u> To ensure every member of the team understands what equipment is required to set up the

Method of achievement:					
11. Through discussion	n and practical	teaching			
One to one observation					
Method of Assessment					
Supervised practice					-
Performance Criteria	Achieved /	Date initial	<u>Review</u>	<u>Review</u>	Review
	<u>Not</u> achieved	<u>Assessment</u>	date 1	date 2	date 3
Opens rooms, prepares work surfaces and slit lamps, following infection control procedures. TURN ALL EQUIPMENT ON					
Ensure each cubical is equipped with the following: 12. Check POD is set up as per list including topping up drops 13. Tonometer heads disposable 14. Goldman Tonometer 15. Paper bag 16. Tissues 17. Gel tears 18. Tristel system X4 items 19. Occluder 20. Alcohol wipes 21. Dictaphone (if applicable) 22. TCI and outcome forms 23. Doctors tray if applicable 24. Patient information leaflets 25. Extra items as per room list					
Consistently checks the accurate positioning of the patients chair with the slit lamp and vision testing chart					

the applanation					
Reports damaged or					
faulty equipment to the					
person in charge of the					
shift					
Identify hazards in the					
corridor or waiting room.					
Removes or reports to					
person in charge of the					
shift					
At the end of each clinic,					
constantly cleans each					
slit lamp and desk with					
the correct wipes, and all					
items to be returned to					
"home" bases					
	•				
Supporting knowledge -	One to one q	uestioning			
<ul> <li>Explain the different</li> </ul>	it substances t	hat are used to c	clean the slit	lamps, table	es and
lenses					

- Why is it necessary to date and sign the cleaning schedule •
- Why is it important to minimise hazards in the working area
   Discuss Health & Safety at Work Act, COSHH and Infection Control Policy
   Preparation and Set up Demonstration

Observe full set up and clean down of two clinical prep rooms							
Trainee Signature:							
Mentor Signature:							
Date:							

#### 16. INDUCTION OF NEW STARTERS

#### Aim:

To assist in the induction of new starters to the ophthalmology department

- Orientation to department
- Shift patterns / Annual Leave / Sickness
- Basic tests and machine use

#### Method of achievement:

- Understanding of the induction process
- Good communication skills

- Supervised practice.
- One to one teaching.
- Observation

Performance Criteria	Achieved / Not achieved	Date initial Assessment	<u>Review</u> date 1	<u>Review</u> date 2	<u>Review</u> date 3
	dae One te ene				
		<u> </u>			
Testing and record	ling visual acuity	<ul> <li>Demonstration</li> </ul>	<u>on</u>		
One to one to	eaching.				
Direct observ	vation.				
<ul> <li>Evaluation of</li> </ul>	f knowledge base.			r	
<u>Trainee</u> Signature:			<u>Trainee</u> <u>Name:</u>		
<u>Mentor</u> Signature:		Me	ntor Name:		
Date:					

#### 17.MEASURING INTRA OCULAR PRESSURE ACCURATELY WITH ICARE TONOMETER

Aim: To understand the methods and rational behind measuring the intra ocular pressure and obtaining the accurate reading

#### Method of achievement:

- Anatomy and physiology of the cornea
- Formal teaching of Glaucoma

Method of Assessment

	A.I	Defendent state			
Performance Criteria	Achieved /	Date Initial	Review	<u>Review</u>	Review
	<u>NOt</u>	Assessment	date 1	date 2	date 3
Correctly positions the	achieveu				
patient comfortably and					
consistently giving an					
explanation to enable					
compliance					
Correctly calibrates					
ICARE placing the					
probe using a non-touch					
technique and ensuring					
it is magnetised					
Demonstrates dexterity					
and accurate					
placement/alignment of					
the ICARE tonometer					
and 90 degree angle					
Correctly and					
consistently interprets					
and records the					
measurements, and					
reports any abnormal					
findings to the					
requesting doctor/nurse					
Top line = measure					
again					
<b>Middle line =</b> ≤ 19					
acceptable. ≥ 19 re					
measure					
Bottom line =					
Acceptable					
No line = Perfect					
specialised equipment					
Supporting knowledge	- One to one c	uestioning	l	l	
Evoluting Knowledge	al for measuring	<u>a intra ocular pro</u>	Securos		
Loder what sireur		y initia ocular pre	to monouro		
	nstantes would	i you not attemp	i io measule		

• Which eye drop could you use when measuring the IOP if a patient was anxious and

why

- If correct technique is used and pressure is put on the globe describe how this may affect the reading
- What measures are taken to prevent cross infection
- How does Herpes Simplex and Adenovirus cross infect

Testing and recording visual acuity – Demonstration								
One to one teaching	ng							
<ul> <li>Observation</li> </ul>	-							
Trainee Signature:								
Mentor Signature:								
Date:								

### 18. RETINAL PHOTOGRAPHY - 50DX RETINAL CAMERA

#### <u>Aim:</u>

To accurately document the posterior pole, optic nerve and macula, applying the correct composition, exposure and alignment. These photographs are used for monitoring and teaching purposes.

Method of achievement:							
<ul> <li>Observation and one to one teaching</li> </ul>							
<ul> <li>Supervised practice</li> </ul>							
<ul> <li>Supporting knowled</li> </ul>	ge base						
Method of Assessment							
Supervised practice							
One to one teaching							
Knowledge base							
Performance Criteria	Achieved / Not	Date initial	Review	Review	<u>Review</u>		
	achieved	Assessment	date 1	date 2	date 3		
Explains the function of							
the anterior segment							
photograph.							
Able to understand							
clinician's request, so the							
correct area is							
photographed. Clarifies							
with clinician if necessary.							
Explain the process of the							
test procedure and the							
preparation.							
Have an applied							
knowledge of manual							
handling.							
Explain the basic							
anatomical structures of							
the posterior of the eye.							
Prepares the							
environment, set up and							
inspect equipment ready							
for use for clinic							
Reflect on the possible							
difficulties that can arise							
when performing this test							
(for example: dilation,							
incorrect positioning) and							
discuss problem-solving							
the issues.							
Appraise the advice and							
action you would seek							
should any complication							
occur (for example,							
inability to obtain							
photographs).							
Discuss your role and			T				
responsibilities with							
reference to the above							

and your legal position as			
an ophthalmic technician.		 	
Prepare environment and			
individual and ensure the			
retinal camera and			
computer are in full			
working order. Working			
environment is free from			
hazards and the patient is			
safe (Not wearing any			
glasses, eye dilated if			
necessary).			
Follows the Infection			
Control Policy for hand			
washing and cleaning of			
Medical Devices			
Undertakes standard			
infection prevention			
procedures relevant to			
this procedure			
(Handwashing, machine			
cleaning etc.)			
Ref			
https://nww.bsuh.nhs.uk/cl			
inical/teams-and-			
departments/infection-			
prevention/			
Introduce themselves and			
confirms patient's D.O.B,			
confirms patient's D.O.B, explains procedure clearly			
confirms patient's D.O.B, explains procedure clearly including positioning of			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight,			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target.			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer.			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both			
confirms patient's D.O.B, explains procedure clearly including positioning of patient's head, the need to keeping head straight, where to look to view the fixation target. Obtains verbal consent from patient/ carer. Develop strategies to overcome complex communication issues to be effective with both patient and staff alike.			
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entitivel needs of the					
spiritual needs of the					
patient					
Obtain a good focus and					
Encourage and motivate					
patients to achieve					
relevant photographs					
Aware of the limitations of					
the test and know when to					
withdraw					
Carries out the procedure					
within appropriate					
timeframe					
Saves images and sends					
across to Harmony.					
Documents in notes –					
date, time, colour fundus					
photo, signature and your					
stamp					
Ensures that the device is					
kept clean					
Supporting knowledge – 0	One to one quest	tioning			
<ul> <li>Identify posterior and</li> </ul>	atomy				
<ul> <li>Discuss the reason f</li> </ul>	for dilating the pur	oils with mydriati	c drops		
<ul> <li>Discuss understandi</li> </ul>	ng the clinician's	request and what	at to do if it i	s unclear	
<ul> <li>Discuss what you do</li> </ul>	o if vour strugaling	to position the i	oatient on th	ne machine	ć
Cover safety checks	related to the im	ading machine			
	rt nationts inability	to comply with	visual targe	t instruction	n
			visual large		
Tosting and recording vis	ual aquity – Dom	onstration			
<u>Testing and recording vis</u>	uai acuity – Dein				
One to one teaching     Direct observation					
Direct observation					
Evaluation of knowle	edge base	l	1		
Trainee Signature:					
Mentor Signature:					
Date:					
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