

## The Raine Study 20-21 year follow-up



## LEI Physical Assessment

Date..... G220\_PA\_DAT  
 IDNumber..... ID  
 Name..... ----  
 Date of Birth..... DOB

**BLOOD PRESSURE** (5 mins rest) ..... G220\_BP\_RA ..... RA

Time ..... Arm Cuff size:..... Temp.....  
 G220\_BP\_TIM                      G220\_CUFF                      G220\_BP\_TMP

Min	BP		HR/Pulse
0.	Sys _____	/Dia _____	
2.	Sys _____	/Dia _____	
4.	Sys _____	/Dia _____	
6.	Sys _____	/Dia _____	
8.	Sys _____	/Dia _____	
10.	Sys _____	/Dia _____	

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)
G220_BP49	<b>G220_CBP1</b>	G220_BP50	<b>G220_CBP2</b>	G220_BP51	<b>G220_CBP5</b>
G220_BP52		G220_BP53		G220_BP54	

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)
G220_BP49	<b>G220_CBP6</b>	G220_BP50	<b>G220_CBP7</b>	G220_BP51	<b>G220_CBP8</b>
G220_BP52		G220_BP53		G220_BP54	
G220_BP55		G220_BP56		G220_BP57	
G220_BP58		G220_BP59		G220_BP60	
G220_BP61		G220_BP62		G220_BP63	

**ANTHROPOMETRIC** ..... G220\_ANTH\_RA ..... RA

<b>Height</b>	G220_A2	cm	<b>Weight</b>	G220_A1	kg	<b>BMI (est)</b>	G220_BMI
<b>Waist</b>	G220_A12A	cm	_____	G220_A12B	cm		
<b>Hip</b>	G220_A13A	cm	_____	G220_A13B	cm		
<b>Biocromial</b>	G220_A15A	cm	_____	G220_A15B	cm	<b>Tape / caliper</b>	G220_A15C
<b>ASIS</b>	G220_A16A	cm	_____	G220_A16B	cm		

	<b>Right</b>			<b>Left</b>	
<b>Wrist</b>	G220_A17A	cm	_____	G220_A17B	cm
	G220_A23A	cm	_____	G220_A23B	cm

Tape = 0  
 Caliper = 1

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)
G220_A12A	G220_A12	G220_A13A	G220_A13	G220_A12	G220_A14
G220_A12B		G220_A13B		G220_A13	

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)
G220_A15A	G220_A15	G220_A16A	G220_A16		
G220_A15B		G220_A16B			

**SKINFOLDS** ..... RA\_SF ..... RA

<b>Triceps</b>	G220_A7A	_____	mm	_____	G220_A7B	mm
<b>Subscapular</b>	G220_A8A	_____	mm	_____	G220_A8B	mm
<b>Abdominal</b>	G220_A10A	_____	mm	_____	G220_A10B	mm
<b>Suprailiac</b>	G220_A9A	_____	mm	_____	G220_A9B	mm
<b>Right Rib</b>	G220_A18A	_____	mm	_____	G220_A18B	mm

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)
G220_A7A	G220_A7	G220_A8A	G220_A8	G220_A10	G220_A10
G220_A7B		G220_A8B		G220_A10	

Raw Variables	Derived Variable (average)	Raw Variables	Derived Variable (average)	
G220_A9A	G220_A9	G220_A18A	G220_A18	
G220_A9B		G220_A18B		

Fibroscan Yes / No

G220\_FIBR

Dexa Yes / No

RA\_DEXA

FFQ No ..... Bar Code .....

G220\_FFQN

G220\_FFQB

No = 0, Yes = 1

Fingers: L2D \_\_\_\_ . \_\_\_\_ L4D \_\_\_\_ . \_\_\_\_ R2D \_\_\_\_ . \_\_\_\_ R4D \_\_\_\_ . \_\_\_\_ RA.....

G220\_A19

G220\_A20

G220\_A21

G220\_A22

G220\_FING\_RA

**New variable:**

Hand hardcopy: Yes / No

G220\_HAND\_PC

No = 0  
Yes = 1

## LEI – EYE EXAMINATION

### STATION 1 (pre-dilation)

Operator- glasses	G220_GL_OPERAT
Operator- Auto refraction	G220_AR_OPERAT
Operator- colour	G220_CO_OPERAT

#### Right

<b>Glasses Rx</b>	<input type="text" value="G220_RSPHGL"/>	/	<input type="text" value="G220_RCYLGL"/>	*	<input type="text" value="G220_RAXISGL"/>
<b>Autorefraction</b>	<input type="text" value="G220_RSPHPRE"/>	/	<input type="text" value="G220_RCYLPRE"/>	*	<input type="text" value="G220_RAXISPRE"/>

#### Left

<b>Glasses Rx</b>	<input type="text" value="G220_LSPHGL"/>	/	<input type="text" value="G220_LCYLGL"/>	*	<input type="text" value="G220_LAXISGL"/>
<b>Autorefraction</b>	<input type="text" value="G220_LSPHPRE"/>	/	<input type="text" value="G220_LCYLPRE"/>	*	<input type="text" value="G220_LAXISPRE"/>

IPD

<b>K's RH</b>	<input type="text" value="G220_RKVALUEH"/>	<b>Angle</b>	<input type="text" value="G220_RKHAXIS"/>	<b>LH</b>	<input type="text" value="G220_LKVALUEH"/>	<b>Angle</b>	<input type="text" value="G220_LKHAXIS"/>
<b>K's RV</b>	<input type="text" value="G220_RKVALUEV"/>	<b>Angle</b>	<input type="text" value="G220_RKVAXIS"/>	<b>LH</b>	<input type="text" value="G220_LKVALUEV"/>	<b>Angle</b>	<input type="text" value="G220_LKVAXIS"/>

Trial Frames required	<input type="checkbox"/>	<b>No</b>	<input type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/>	<b>NA (visual correction not required)</b>
<input type="text" value="G220_TRIALG"/>	<input type="text" value="0"/>	<input type="text" value="1"/>	<input type="text" value="8"/>			

**Colour** (Attach score sheet if abnormal) **R**  **L**

Raw Variables	Derived Variable (SUM)	Raw Variables	Derived Variable (SUM)
G220_RC_1	<b>G220_RCOLOUR</b>	G220_LC_1	<b>G220_LCOLOUR</b>
.		.	
.		.	
.		.	
G220_RC_14		G220_LC_14	

**Comments**..... G220\_ST1\_COM.....

**STATION 2**

Operator - visual acuity	G220_VA_OPERAT
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**VA with / without Glasses**  No = 0  
Yes = 1

<b>R</b>	G220_RVA G220_RVA_LM G220_RVA_SC	<b>L</b>	G220_LVA G220_LVA_LM G220_LVA_SC
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<b>VA Pinhole</b>	<b>R</b>	G220_RVAPH_SC G220_RVAPH G220_RVAPH_LM G220_RBCVA	<b>L</b>	G220_LVAPH_SC G220_LVAPH G220_LVAPH_LM G220_LBCVA
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**Contrast with / without Glasses**  No = 0  
Yes = 1

<b>R</b>	G220_RC_SC	LogMAR		<b>L</b>	G220_LC_SC	LogMAR
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**Vernier with / without Glasses**  No = 0  
Yes = 1

<b>R1</b>	G220_RV1	Seconds	<b>L</b>	G220_LV1	Seconds
<b>R2</b>	G220_RV2	Seconds		G220_LV2	Seconds
<b>R3</b>	G220_RV3	seconds		G220_LV3	seconds

**Comments**..... G220\_ST2\_COM.....

**STATION 3**

Operator - orthoptic assessment	G220_AHP_OPERAT
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**Abnormal Head Posture:**

G220\_AHP

**No = 0**  
**Yes = 1**



**Face turn**

R/L
G220_FT
<b>1 = Right</b> <b>2 = Left</b>

**Head tilt**

R/L
G220_HT
<b>1 = Right</b> <b>2 = Left</b>

**Chin**

Up/Down
G220_CH
<b>1 = Up</b> <b>2 = Down</b>

**Cover Test with AHP:**

Distance	NEAR (33cm)	DISTANCE (6M)
<b>Vision Correction</b>	<b>With Glasses</b> G220_CTNAHPG_L <b>No = 0, Yes = 1</b>	<b>Without Glasses</b> G220_CTNAHPNG_L <b>No = 0, Yes = 1</b>
<b>Fixation target</b>	G220_CTNAHPG_LD <b>1 = Light, 2 = Detail</b>	G220_CTD AHP_LD <b>1 = Light, 2 = Detail</b>
<b>Size of tropia:</b>	G220_CTNAHPG_SIZE <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b> <b>5 = Very large</b>	G220_CTD AHP_SIZE <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b> <b>5 = Very large</b>
<b>Laterality:</b>	G220_CTNAHPG_LATERALITY <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> <b>4 = R/L</b> <b>5 = L/R</b>	G220_CTD AHP_LATERALITY <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> <b>4 = R/L</b> <b>5 = L/R</b>
<b>Direction:</b>	G220_CTNAHPG_DIRECTION <b>0 = Orthotropia</b> <b>1 = Esotropia</b> <b>2 = Exotropia</b> <b>3 = Hypertropia</b> <b>4 = Microtropia</b>	G220_CTD AHP_DIRECTION <b>0 = Orthotropia</b> <b>1 = Esotropia</b> <b>2 = Exotropia</b> <b>3 = Hypertropia</b> <b>4 = Microtropia</b>
<b>Fixation:</b>	G220_CTNAHPG_FX <b>1 = MF, 2 = NMF</b>	G220_CTD AHP_FX <b>1 = MF, 2 = NMF</b>
<b>Supp/Dip:</b>	G220_CTNAHPG_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>	G220_CTD AHP_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>
<b>Supp Location:</b>	G220_CTNAHPG_SUPPLOCATION <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> G220_CTNAHPG_SUPPLOCATION2 <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> <b>4 = Central</b>	G220_CTD AHP_SUPPLOCATION <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b>
<b>Size by PBCT</b>	G220_PCTNG_AIO G220_PCTNG_ABASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTNG_AUD G220_PCTNG_ABASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_PCTNG_AHPFIXING <b>1 = Fixing Right, 2 = Fixing Left</b>	G220_PCTD_AIO G220_PCTD_ABASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTD_AUD G220_PCTD_ABASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_PCTD_AHPFIXING <b>1 = Fixing Right, 2 = Fixing Left</b>

**Comments.....**G220\_CTAHP\_COM.....



**Cover Test Distance - without AHP:**

<b>Vision Correction</b>	<b>With Glasses</b> G220_CTDG_L <b>No = 0, Yes = 1</b>	<b>Without Glasses</b> G220_CTDNG_L <b>No = 0, Yes = 1</b>
<b>Fixation target</b>	G220_CTDG_LD <b>1 = Light, 2 = Detail</b>	G220_CTD_LD <b>1 = Light, 2 = Detail</b>
<b>Size of tropia:</b>	G220_CTDG_SIZE & G220_CTDG_SIZE2 <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b> <b>5 = Very large</b>	G220_CTD_SIZE & G220_CTD_SIZE2 <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b> <b>5 = Very large</b>
<b>Laterality:</b>	G220_CTDG_LATERALITY & G220_CTDG_LATERALITY2 <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> <b>4 = R/L</b> <b>5 = L/R</b>	G220_CTD_LATERALITY & G220_CTD_LATERALITY2 <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b> <b>4 = R/L</b> <b>5 = L/R</b>
<b>Direction:</b>	G220_CTDG_DIRECTION & G220_CTDG_DIRECTION2 <b>0 = Orthotropia</b> <b>1 = Esotropia</b> <b>2 = Exotropia</b> <b>3 = Hypertropia</b> <b>4 = Microtropia</b>	G220_CTD_DIRECTION & G220_CTD_DIRECTION2 <b>0 = Orthotropia</b> <b>1 = Esotropia</b> <b>2 = Exotropia</b> <b>3 = Hypertropia</b> <b>4 = Microtropia</b>
<b>Fixation:</b>	G220_CTDG_FX <b>1 = MF, 2 = NMF</b>	G220_CTD_FX <b>1 = MF, 2 = NMF</b>
<b>Supp/Dip:</b>	G220_CTDG_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>	G220_CTD_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>
<b>Supp Location:</b>	G220_CTDG_SUPPLOCATION & G220_CTDG_SUPPLOCATION2 <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b>	G220_CTD_SUPPLOCATION & G220_CTD_SUPPLOCATION2 <b>1 = Right</b> <b>2 = Left</b> <b>3 = Alternating</b>
<b>Size by PBCT</b>	G220_PCTDG_IO G220_PCTDG_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTDG_UD G220_PCTDG_BASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_PCTDG_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>	G220_PCTD_IO G220_PCTD_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTD_UD G220_PCTD_BASEUPDOWN <b>1 = Base Up (BU) , 2 = Base Down (BD)</b> G220_PCTD_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>

**Comments.....**G220\_CTD\_COM.....

**Alternative Cover Test - Distance:**

<b>Vision Correction</b>	<b>With Glasses</b> G220_ACTDG_L <b>No = 0, Yes = 1</b>	<b>Without Glasses</b> G220_ACTD_NG_L <b>No = 0, Yes = 1</b>
<b>Fixation target</b>	G220_ACTDG_LD <b>1 = Light, 2 = Detail</b>	G220_ACTD_LD <b>1 = Light, 2 = Detail</b>
<b>Size of phoria:</b>	G220_ACTDG_SIZE <b>1 = Tiny 2 = Small 3 = Moderate 4 = Large</b>	G220_ACTD_SIZE <b>1 = Tiny 2 = Small 3 = Moderate 4 = Large</b>
<b>Direction:</b>	G220_ACTDG_DIRECTION & G220_ACTDG_DIRECTION2 <b>0 = Orthophoria 1 = Esophoria 2 = Exophoria 3 = Hyperphoria 4 = Orthotropia 5 = Esotropia</b>	G220_ACTD_DIRECTION & G220_ACTD_DIRECTION2 <b>0 = Orthophoria 1 = Esophoria 2 = Exophoria 3 = Hyperphoria 4 = Orthotropia 5 = Esotropia</b>
<b>Laterality:</b>	G220_ACTDG_HYPERDIRECTION <b>1 = R/L, 2 = L/R</b>	G220_ACTD_HYPERDIRECTION <b>1 = R/L, 2 = L/R</b>
<b>Recovery:</b>	G220_ACTDG_RECOVERY <b>1 = Rapid 2 = Good 3 = Poor 4 = Sluggish</b>	G220_ACTD_RECOVERY <b>1 = Rapid 2 = Good 3 = Poor 4 = Sluggish</b>
<b>Diplopia:</b>	G220_ACTDG_DIPLOPIA <b>1 = Nil Diplopia, 2 = Diplopia</b>	G220_ACTD_DIPLOPIA <b>1 = Nil Diplopia, 2 = Diplopia</b>
<b>Size by PBCT</b>	G220_APCTDG_IO G220_APCTDG_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_APCTDG_UD G220_APCTDG_BASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_APCTDG_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>	G220_APCTD_IO G220_APCTD_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_APCTD_UD G220_APCTD_BASEUPDOWN <b>1 = Base Up (BU) , 2 = Base Down (BD)</b> G220_APCT_DFIXING <b>1 = Fixing Right, 2 = Fixing Left</b>

**Comments.....**G220\_ACTD\_COM.....

**Cover Test Near - without AHP:**

Vision Correction	With Glasses	Without Glasses G220_CTNGG_L <b>No = 0, Yes = 1</b>
<b>Fixation target</b>	G220_CTNG_LD <b>1 = Light, 2 = Detail</b>	G220_CTN_LD <b>1 = Light, 2 = Detail</b>
<b>Size of tropia:</b>	G220_CTNG_SIZE <b>1 = Tiny 2 = Small 3 = Moderate 4 = Large 5 = Very large</b>	G220_CTN_SIZE & G220_CTN_SIZE2 <b>1 = Tiny 2 = Small 3 = Moderate 4 = Large 5 = Very large</b>
<b>Laterality:</b>	G220_CTNG_LATERALITY & G220_CTNG_LATERALITY2 <b>1 = Right 2 = Left 3 = Alternating 4 = R/L 5 = L/R</b>	G220_CTN_LATERALITY & G220_CTN_LATERALITY2 <b>1 = Right 2 = Left 3 = Alternating 4 = R/L 5 = L/R</b>
<b>Direction:</b>	G220_CTNG_DIRECTION & G220_CTNG_DIRECTION2 <b>0 = Orthotropia 1 = Esotropia 2 = Exotropia 3 = Hypertropia 4 = Microtropia</b>	G220_CTN_DIRECTION & G220_CTN_DIRECTION2 <b>0 = Orthotropia 1 = Esotropia 2 = Exotropia 3 = Hypertropia 4 = Microtropia</b>
<b>Fixation:</b>	G220_CTNG_FX <b>1 = MF, 2 = NMF</b>	G220_CTN_FX <b>1 = MF, 2 = NMF</b>
<b>Supp/Dip:</b>	G220_CTNG_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>	G220_CTN_SUPPRESSION <b>1 = Suppression, 2 = Diplopia</b>
<b>Supp Location:</b>	G220_CTNG_SUPPLOCATION & G220_CTNG_SUPPLOCATION2 <b>1 = Right 2 = Left 3 = Alternating</b>	
<b>Size by PBCT</b>	G220_PCTNG_IO G220_PCTNG_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTNG_UD G220_PCTNG_BASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_PCTNG_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>	G220_PCTN_IO G220_PCTN_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_PCTN_UD <b>1 = Base Up (BU) , 2 = Base Down (BD)</b> G220_PCTN_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>

**Comments.....**G220\_CTN\_COM.....

**Alternative Cover Test - Near:**

<b>Vision Correction</b>	<b>With Glasses</b> G220_ACTNG_L <b>No = 0, Yes = 1</b>	<b>Without Glasses</b> G220_ACTNNGL <b>No = 0, Yes = 1</b>
<b>Fixation target</b>	G220_ACTNG_LD <b>1 = Light, 2 = Detail</b>	G220_ACTN_LD <b>1 = Light, 2 = Detail</b>
<b>Size of phoria:</b>	G220_ACTNG_SIZE <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b>	G220_ACTN_SIZE <b>1 = Tiny</b> <b>2 = Small</b> <b>3 = Moderate</b> <b>4 = Large</b>
<b>Direction:</b>	G220_ACTNG_DIRECTION & G220_ACTNG_DIRECTION2 <b>0 = Orthophoria</b> <b>1 = Esophoria</b> <b>2 = Exophoria</b> <b>3 = Hyperphoria</b> <b>4 = Orthotropia</b> <b>5 = Esotropia</b>	G220_ACTN_DIRECTION & G220_ACTN_DIRECTION2 <b>0 = Orthophoria</b> <b>1 = Esophoria</b> <b>2 = Exophoria</b> <b>3 = Hyperphoria</b> <b>4 = Orthotropia</b> <b>5 = Esotropia</b>
<b>Laterality:</b>	G220_ACTNG_HYPERDIRECTION <b>1 = R/L, 2 = L/R</b>	G220_ACTN_HYPERDIRECTION <b>1 = R/L, 2 = L/R</b>
<b>Recovery:</b>	G220_ACTNG_RECOVERY <b>1 = Rapid</b> <b>2 = Good</b> <b>3 = Poor</b> <b>4 = Sluggish</b>	G220_ACTN_RECOVERY <b>1 = Rapid</b> <b>2 = Good</b> <b>3 = Poor</b> <b>4 = Sluggish</b>
<b>Diplopia:</b>	G220_ACTNG_DIPLOPIA <b>1 = Nil Diplopia, 2 = Diplopia</b>	G220_ACTN_DIPLOPIA <b>1 = Nil Diplopia, 2 = Diplopia</b>
<b>Size by PBCT</b>	G220_APCTNG_IO G220_APCTNG_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_APCTNG_UD G220_APCTNG_BASEUPDOWN <b>1 = Base Up (BU), 2 = Base Down (BD)</b> G220_APCTNG_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>	G220_APCTN_IO G220_APCTN_BASEINOUT <b>1 = Base In (BI), 2 = Base Out (BO)</b> G220_APCTN_UD G220_APCTN_BASEUPDOWN <b>1 = Base Up (BU) , 2 = Base Down (BD)</b> G220_APCTN_FIXING <b>1 = Fixing Right, 2 = Fixing Left</b>

**Comments.....**G220\_ACTN\_COM.....

**ACT Outcome.....** G220\_CTOUTCME  
G220\_CTOUTCME2  
G220\_ACTOUTCME  
G220\_ACTOUTCME2

**Extraocular Movements:**

RSR	G220_RSR	<b>RIGHT EYE</b>	RIO	G220_RIO
RLR	G220_RLR		RMR	G220_RMR
RIR	G220_RIR		RSO	G220_RSO
LIO	G220_LIO	<b>LEFT EYE</b>	LSR	G220_LSR
LMR	G220_LMR		LLR	G220_LLRL
LSO	G220_LSO		LIR	G220_LIR

**Alphabet Pattern:**

<b>Type</b>	G220_EOMALPH 1 = V 2 = A 3 = Other		G220_EOMALPHS	
<b>Size At Distance By PBCT</b>				
<b>Elevation</b>	G220_PBCTD	G220_PBCTDE_BASEINO T 1 = Base In (BI) 2 = Base Out (BO)	G220_PBCTDE_DEVIATION 1 = ET 2 = EP 3 = XP 4 = XT	G220_PBCTDE_FIXING 1 = Fixing right 2 = Fixing left
<b>Primary</b>	G220_PBCTP	G220_PBCTPP_BASEINO T 1 = Base In (BI) 2 = Base Out (BO)	G220_PBCTPP_DEVIATION 1 = ET 2 = EP 3 = XP 4 = XT	G220_PBCTPP_FIXING 1 = Fixing right 2 = Fixing left
<b>Depression</b>	G220_PBCTDD	G220_PBCTDD_BASEINO UT 1 = Base In (BI) 2 = Base Out (BO)	G220_PBCTDD_DEVIATION 1 = ET 2 = EP 3 = XP 4 = XT	G220_PBCTDD_FIXING 1 = Fixing right 2 = Fixing left

**Bielschowsky Head Tilt Test (BHTT):**

G220_BHTT 1 = Positive 2 = Negative	G220_BHTTL 1 = Right 2 = Left 3 = Bilateral
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EOM Comments..... G220\_EOM\_COM.....


**4 Diopter Prism Test:**

G220_DIOP 1 = Positive 2 = Negative (normal) 3 = Equivocal	G220_DIOP_RES 1 = Right 2 = Left
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**Nystagmus:**

G220_NYST No = 0 Yes = 1	If yes,	Direction	G220_NYST_DR 1 = Left beating 2 = Right beating 3 = Upward beating 4 = Downward beating 5 = Rotary
		Category	G220_NYST_CAT 1 = Congenital nystagmus 2 = Gaze evoked nystagmus 3 = Latent nystagmus 4 = Latent/manifest nystagmus 5 = Pendular nystagmus 6 = Periodic altering nystagmus 7 = See-saw nystagmus 8 = Vestibular nystagmus G220_NYSTCATEGORY( <i>equivalent string</i> )

<b>Stereoacuity:</b>	G220_TITMSGL No = 0 (Without Glasses) Yes = 1 (With glasses or (Trial frames))
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<b>If</b>	LANG_E = 1		LANG_E_A = 600
<b>If</b>	LANG_C = 1		LANG_C_A = 400
<b>If</b>	LANG_M = 1		LANG_M_A = 200

<b>Lang II:</b>	Star <input type="checkbox"/> Control Elephant <input type="checkbox"/> 600 seconds of arc Car <input type="checkbox"/> 400 seconds of arc Moon <input type="checkbox"/> 200 seconds of arc	G220_LANG_S G220_LANG_E G220_LANG_C G220_LANG_M	No = 0, Yes = 1
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<b>If</b>	G220_TMS1 = 1		G220_TMSARC1 = 800
<b>If</b>	G220_TMS2 = 1		G220_TMSARC2 = 400
<b>If</b>	G220_TMS3 = 1		G220_TMSARC3 = 200
<b>If</b>	G220_TMS4 = 1		G220_TMSARC4 = 140
<b>If</b>	G220_TMS5 = 1		G220_TMSARC5 = 100
<b>If</b>	G220_TMS6 = 1		G220_TMSARC6 = 80
<b>If</b>	G220_TMS7 = 1		G220_TMSARC7 = 60
<b>If</b>	G220_TMS8 = 1		G220_TMSARC8 = 50
<b>If</b>	G220_TMS9 = 1		G220_TMSARC9 = 40

Raw Variables	Derived Variable (sum)
G220_TMS1 G220_TMS2 G220_TMS3 G220_TMS4 G220_TMS5 G220_TMS6 G220_TMS7 G220_TMS8 G220_TMS9	G220_TITMSCR
Raw Variables	Derived Variable (the minimum non-missing value)
G220_TMSARC1 G220_TMSARC2 G220_TMSARC3 G220_TMSARC4 G220_TMSARC5 G220_TMSARC6 G220_TMSARC7 G220_TMSARC8 G220_TMSARC9	G220_TITMSARC

**Titmus:** 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 (correctly observed circles).....secs of arc G220\_TITMSARC

**Ocular Dominance:** 
 G220\_OCULARBIOMETRYR  
 G220\_OCULARBIOMETRYL  
 0 = No  
 1 = Yes

**Clinical Comments:**..... G220\_ST3\_COM.....

**STATION 4**

G220_RE_nasal	Right eye nasal conjunctival UV autofluorence in mm2
G220_RE_temp	Right eye temporal conjunctival UV autofluorence in mm2
G220_LE_nasal	Left eye nasal conjunctival UV autofluorence in mm2
G220_LE_temp	Left eye temporal conjunctival UV autofluorence in mm2
G220_CUVAF_TOT	Total conjunctival UV autofluorence in mm2 (sum of all quadrants)

G220_pterygium_DONE	Does participant have at least one pterygium?
G220_od_n_pterygium	Pterygium present on nasal side of right eye?
G220_od_t_pterygium	Pterygium present on temporal side of right eye?
G220_os_n_pterygium	Pterygium present on nasal side of left eye?
G220_os_t_pterygium	Pterygium present on temporal side of left eye?
G220_pterygium_location	Location of pterygium

**Comments**..... G220\_ST24\_COM.....

**STATION 5**

<b>ICare IOP</b>	<b>Drops</b>	Tropicamide 1%	<b>Right</b>	<b>Left</b>	Time	G220_IOP_TIME
			G220_RIOP No = 0 Yes = 1	G220_LIOP No = 0 Yes = 1		
		Phenylephrine 10%	<b>Right</b>	<b>Left</b>		
			G220_RIOP_DR2 No = 0 Yes = 1	G220_LIOP_DR2 No = 0 Yes = 1		
<b>Administered by</b>	G220_DROPERAT					

<b>Sunglasses</b>	G220_SUNNIES No = 0 Yes = 1	<b>Eyelash measurement (mm)</b>	G220_ELL	<b>By</b>	G220_ELLop
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<b>Additional Drops required</b>	<b>Right</b>	<b>Left</b>	Time	G220_IOP_TIME3	By	G220_DR3OPERA
	G220_ADD_DR No = 0 Yes = 1	G220_LIOP_DR3 No = 0 Yes = 1				
<b>Drops</b>	Tropicamide 1%					

**Clinical Comments**:..... G220\_ST5\_COM.....



**STATION 6**

**STATION 7**

Operator - IOL Master	G220_IOL_OPERAT
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	<b>Right</b>	<b>Left</b>
<b>IOLMaster</b>	G220_IOLR	G220_IOLL
<b>Axial Length</b>	G220_RIOL_AXL	G220_LIOL_AXL
<b>ACDepth</b>	G220_RAC_DEP	G220_LAC_DEP
<b>While On While</b>	G220_IOL_WOWR	G220_IOL_WOWL
<b>Horizontal Kerotometry Diopters 1</b>	G220_IOL_RK1_1	G220_IOL_LK1_1
<b>Horizontal Kerotometry Diopters 2</b>	G220_IOL_RK1_2	G220_IOL_LK1_2
<b>Horizontal Kerotometry Diopters 3</b>	G220_IOL_RK1_3	G220_IOL_LK1_3
<b>Kerotometry Horizontal Axis 1</b>	G220_IOL_RK1_1axis	G220_IOL_LK1_1axis
<b>Kerotometry Horizontal Axis 2</b>	G220_IOL_RK1_2axis	G220_IOL_LK1_2axis
<b>Kerotometry Horizontal Axis 3</b>	G220_IOL_RK1_3axis	G220_IOL_LK1_3axis
<b>Vertical Kerotometry Diopters 1</b>	G220_IOL_RK2_1	G220_IOL_LK2_1
<b>Vertical Kerotometry Diopters 2</b>	G220_IOL_RK2_2	G220_IOL_LK2_2
<b>Vertical Kerotometry Diopters 3</b>	G220_IOL_RK2_3	G220_IOL_LK2_3
<b>Kerotometry Vertical Axis 1</b>	G220_IOL_RK2_1axis	G220_IOL_LK2_1axis
<b>Kerotometry Vertical Axis 2</b>	G220_IOL_RK2_2axis	G220_IOL_LK2_2axis
<b>Kerotometry Vertical Axis 3</b>	G220_IOL_RK2_3axis	G220_IOL_LK2_3axis

**Clinical Comments:**..... G220\_ST7\_COM.....

**STATION 8**

Operator - Pentacam	G220_PENT_OPERAT
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	Right	Left	
<b>Pentacam</b>	G220_PENTR No = 0 Yes = 1	G220_PENTL No = 0 Yes = 1	G220_PENTDIL No = 0 Yes = 1
<b>CCT</b>	G220_RCCT	G220_LCCT	
<b>LT</b>	G220_RLT	G220_LLT	
<b>Endothelial Photo</b>	G220_ENDOPHR No = 0 Yes = 1	G220_ENDOPHL No = 0 Yes = 1	
<b>Endothelial Cell Count</b>	G220_Right_Number	G220_Left_Number	
<b>Endothelial Cell Density</b>	G220_Right_CD	G220_Left_CD	
<b>Endothelial Cell Average</b>	G220_Right_AVG	G220_Left_AVG	
<b>Endothelial Std Dev</b>	G220_Right_SD	G220_Left_SD	
<b>Endothelial Co-Efficient Variation</b>	G220_Right_CV	G220_Left_CV	
<b>Endothelial Cell Max Size</b>	G220_Right_Max	G220_Left_Max	
<b>Endothelial Cell Min Size</b>	G220_Right_Min	G220_Left_Min	
<b>Corneal Thickness Endo Camera</b>	G220_Right_CT	G220_Left_CT	
<b>Pentacam Keratometry Horizontal</b>	G220_PENT_RK1	G220_PENT_LK1	
<b>Pentacam Keratometry Horizontal Axis</b>	G220_PENT_RK1axis	G220_PENT_LK1axis	
<b>Pentacam Keratometry Vertical</b>	G220_PENT_RK2	G220_PENT_LK2	
<b>Pentacam Keratometry Vertical Axis</b>	G220_PENT_RK2axis	G220_PENT_LK2axis	

Clinical Comments:..... G220\_ST8\_COM.....

**STATION 9**

**STATION 10**

**STATION 11 (near station1-dilated)**

Operator Auto Refraction	G220_AR_OPERAT
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<b>Autorefracton</b>	<b>Right</b>	G220_RSPHPOST	G220_RCYLPOST	G220_RAXSPOST
	<b>Left</b>	G220_LSPHPOST	G220_LCYLPOST	G220_LAXSPOST

**IPD**

G220_IPD_POST
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Clinical Comments:..... G220\_ST11\_COM.....

**STATION 12**