

The background features several concentric circles in teal, purple, and yellow. The text is centered within the yellow circle.

TT Tracker July 2018



Training Agenda

- Welcome & Introductions
- Plan of Action and Objectives
- Training Expectations
- Review of TT Tracker Training
 - Project Development Overview
 - TT Tracker Summary
 - Review of Key Concepts
 - TT Tracker Form Overview and Use
 - Open/End Sessions
 - Register/Evaluate Patient
 - Record Surgery
 - Follow-up
 - Group Activities
 - Discuss surgical outreach—how will the TT Tracker be used in the camp
 - Discussion / conclusion of training



Objectives

- Understand the purpose of the TT Tracker
- Learn about the overall functionality of the TT Patient Tracker and how it fits into your surgical activities
- Be aware of the reports produced using the TT Tracker
- Review and understand all forms and questions within the TT Tracker
- Discuss and agree upon the approach for using the TT Tracker for surgical outreach
- Practice and feel comfortable entering patient data into the TT Tracker



Training Expectations

- List expectations as a group



TT Tracker Development



Situational Assessment

- International commitment to eliminate Trachoma as a public health problem
- Includes reducing the level of TT to <1 cases per 1000 population
- Many TT initiatives working at scale
- We have a responsibility to monitor the quality of the service
- This responsibility is shared by surgeons, supervisors, MoH, supporting partners (NGOs), donors and WHO



The Need

- Challenges in TT outreach
 - Ensuring patient follow-up, especially at 3-6 months
 - Helping surgeons understand their strengths and weaknesses, and optimize performance
 - Thorough and timely reporting from field activities
- Partners were building various technology tools to track TT surgeries, but:
 - Designing and building technology is expensive
 - No one tool tracked the patient from registration through follow-up
 - Tools began overlapping geographically, complicating work for field staff



One TT Surgery Tracking Application

- At a consultation coordinated by WHO in 2015, it was decided that the global community needed one application that would:
 - Be available on a smartphone/tablet
 - Track the patient from registration through follow-up
 - Ensure patient follow-up
 - Optimize surgeon performance
 - Support timely reporting

The cost of development, use, and hosting would be free to countries; country programs would cover the related implementation costs





Development of the TT Tracker

- Initial assessments were done in Malawi and Ethiopia where feedback was collected on:
 - How to effectively incorporate the application into program activities
 - Wording and order of data fields
 - What reports would be needed and by whom for program activities
 - How much time/effort is needed in each country to manage the application-related activities
- Pilot activities then conducted in Nigeria and Tanzania and additional modifications made to the TT Tracker.

The initial iteration of the app did not offer a structure for longitudinal tracking of patients. The decision was made to develop an application using the CommCare platform, which includes patient tracking functionality



- Mobile data collection software that allows for tracking a patient through care and follow-up
- Can be used off-line when no network is available on GPS-enabled Android devices.
- Form-based

Definitions & Concepts





Key Concepts to Know

- Mobile Worker, Forms, Case/Record
- Coverage area
- Syncing
- Session



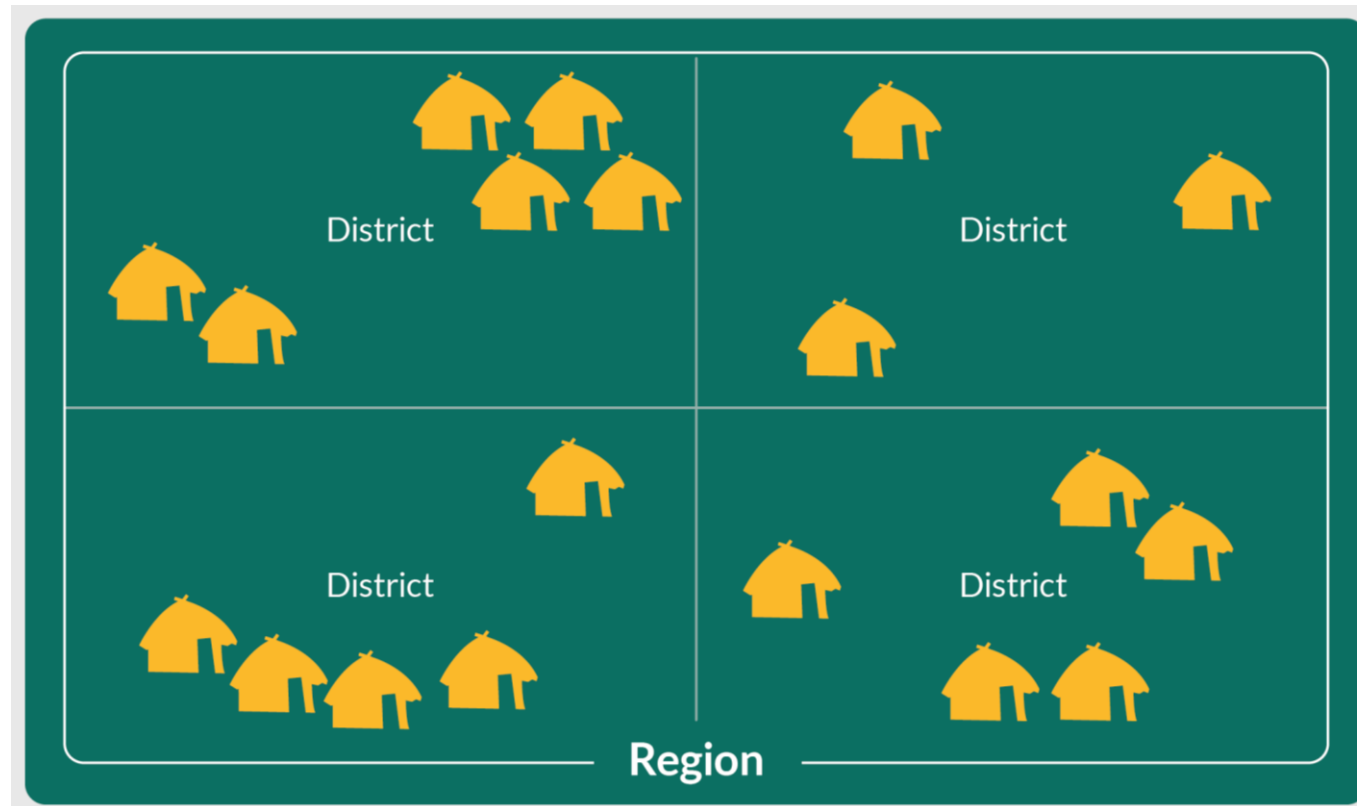
Mobile Workers, Patient Cases, and Forms

- Mobile workers are people who enter information into the phones—could be surgeon, surgical assistant, etc.
- Only mobile workers with usernames and passwords can enter and access information on the TT Tracker
- Patient Case / Record is the collation of all of the forms completed for a patient (similar to paper forms, there is a form for Registration, Screening/Evaluation, Surgery, and Follow-up)



Coverage Area

- Set of locations assigned to a mobile worker.
- Gives access to patient records within the designated location.
- Mobile workers can be assigned limited districts or an entire zone, region, or country, depending on program needs.

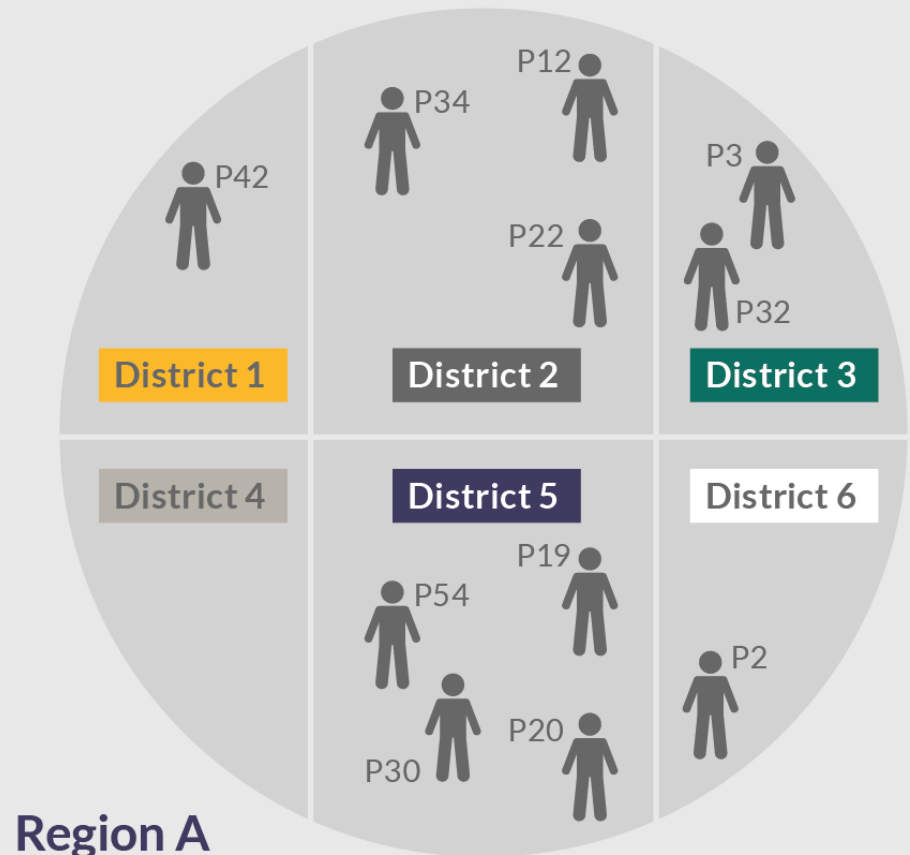




Activity: Coverage Area & Access

Coverage area and access demonstrated

Surgeon assigned to	Can see/modify
District 1 and District 3	
District 5	
District 2, District 4 and District 6	

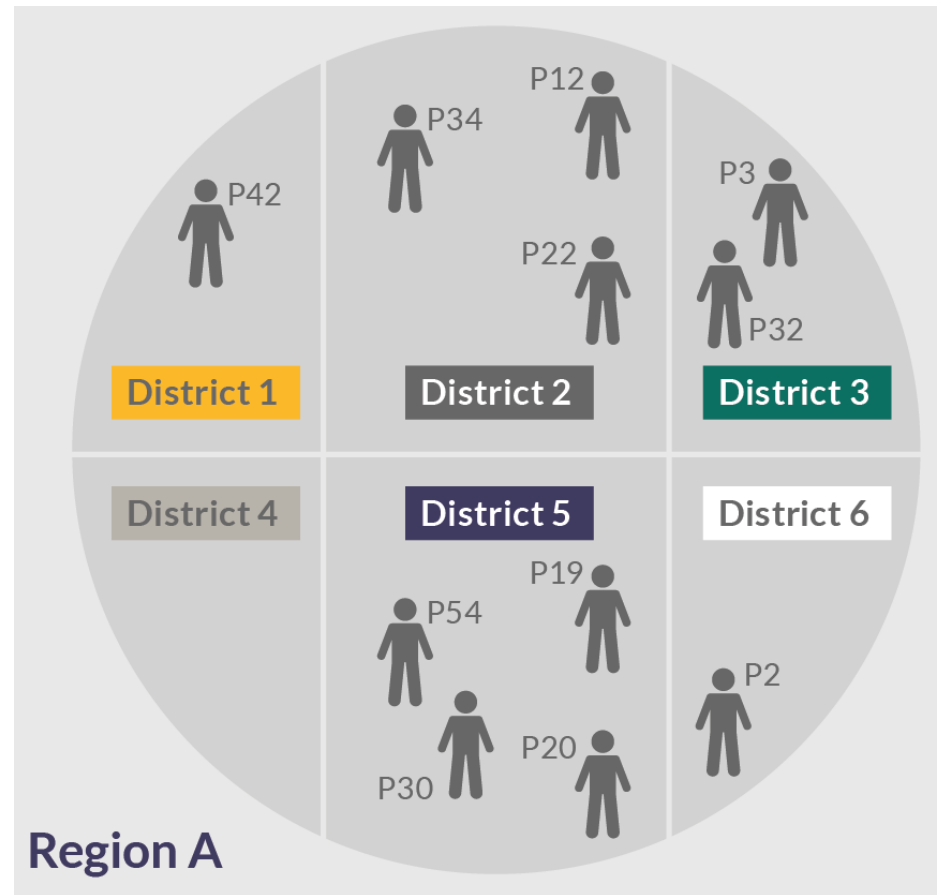




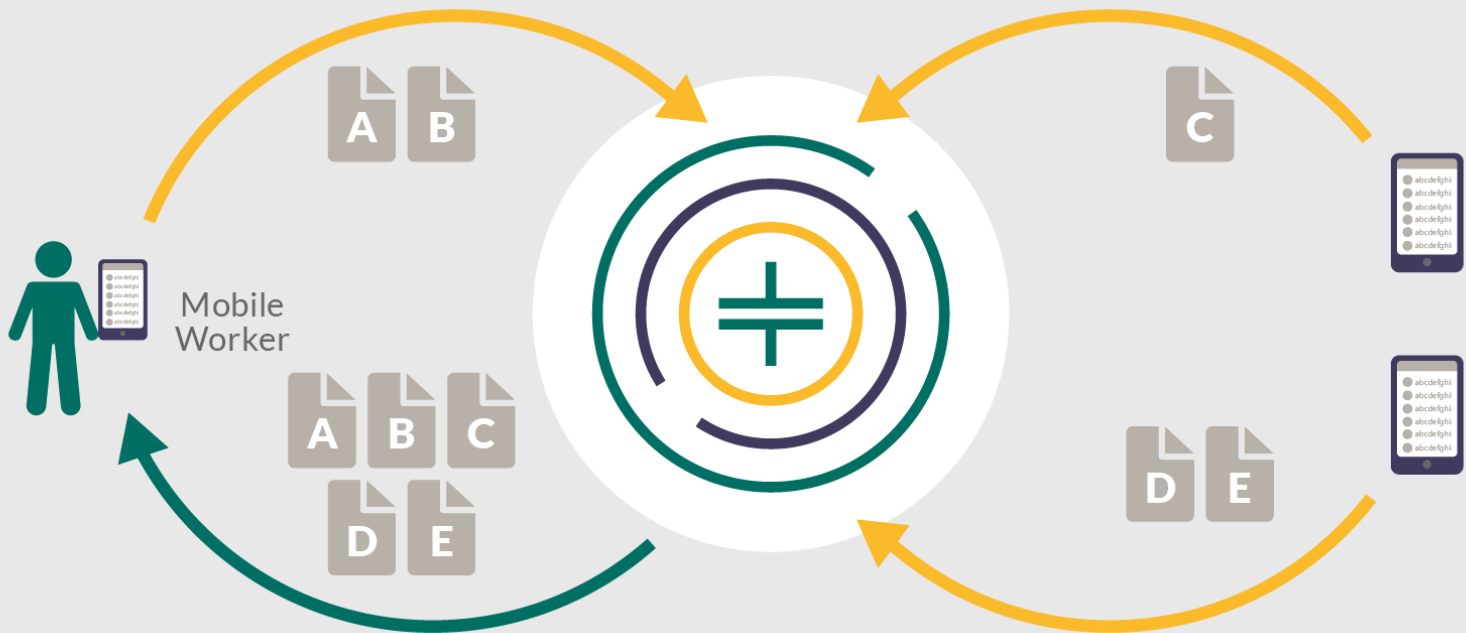
Activity: Coverage Area & Access

Surgeon assigned to	Can see/modify
District 1 and District 3	Patients: P42, P32, P3
District 5	Patients: P19, P20, P30, P54
District 2, District 4 and District 6	Patients: P12, P22, P34, P2

Regardless of who entered the information, all mobile workers within the coverage area will have access to the patients information. It is not required that a surgeon/assistant enter the patient information to be able to see the information entered



How do records sync in the TT Tracker?



New forms and edits are uploaded by mobile workers. They are then combined with all other forms and edits submitted by mobile workers in the coverage area. The complete set of forms is then downloaded to each mobile worker's phone so they have the most up-to-date records.



Activity: Who Can See It?

Region 1
District A, B, C, D, E

Region 2
District F, G, H

Mobile Worker W
Coverage Area:
District B, F, H

Mobile Worker X
Coverage Area:
Region 1

Mobile Worker Y
Coverage Area:
District B, C

Mobile Worker Z
Coverage Area:
Region 2





Activity: Who Can See It?

Region 1
District A, B, C, D, E

Region 2
District F, G, H

Mobile Worker W
Coverage Area:
District A, C, F

Mobile Worker X
Coverage Area:
Region 1

Mobile Worker Y
Coverage Area:
District B, C, F

Mobile Worker Z
Coverage Area:
Region 2



- Mobile worker W enters information in District A, and everyone syncs.
- Mobile Y enters information for Patient in District F, and everyone syncs.
- Mobile Worker Y enters information into District C, only he syncs.



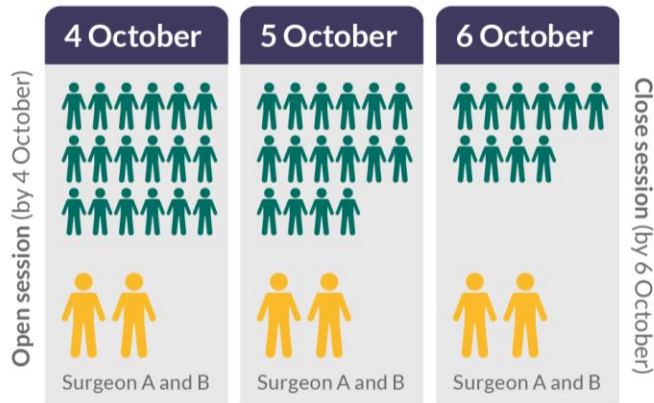
Session

Session = specific surgical outreach event

- E.g. a surgical campaign taking place over multiple days.
- Patient registration and surgeries will be submitted under a designated session so that activities can be tracked to the location of the activity if needed.

Example A:

Camp Wollo School (Surgical camp)
Outreach dates: 4-6 October



Creating sessions will automatically calculate:

Open: 4 October **Close:** 6 October

Number of eye care workers: 2

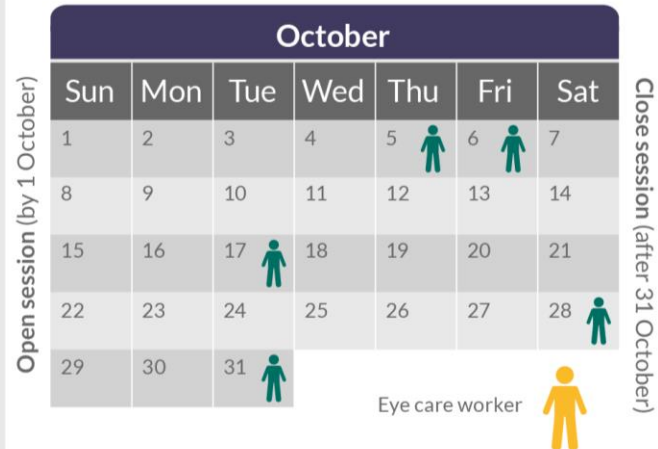
Total number of days in session: 3

Total number of surgeries during session: 44

Average number of surgeries per surgeon per day: 7.3

Example B:

Chamwino Health Centre (Static site)
Outreach dates: 1-31 October



Creating sessions will automatically calculate:

Open: 1 October **Close:** 31 October

Number of eye care workers: 1

Total number of days in session: 31

Total number of surgeries during session: 5

TT Tracker Processes



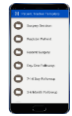


Surgical Activity Documentation

- Steps/information taken for new TT suspect at TT surgical outreach camp:
 - Record patient demographic and residence information
 - Record patient screening information
 - Record surgery information
 - Record follow-up



Surgical Activity Documentation



Registration: Record name, age, village of residence, etc.



Evaluation/Screening: Record number of eyelashes touching the eye, evidence of conjunctival scarring, etc.

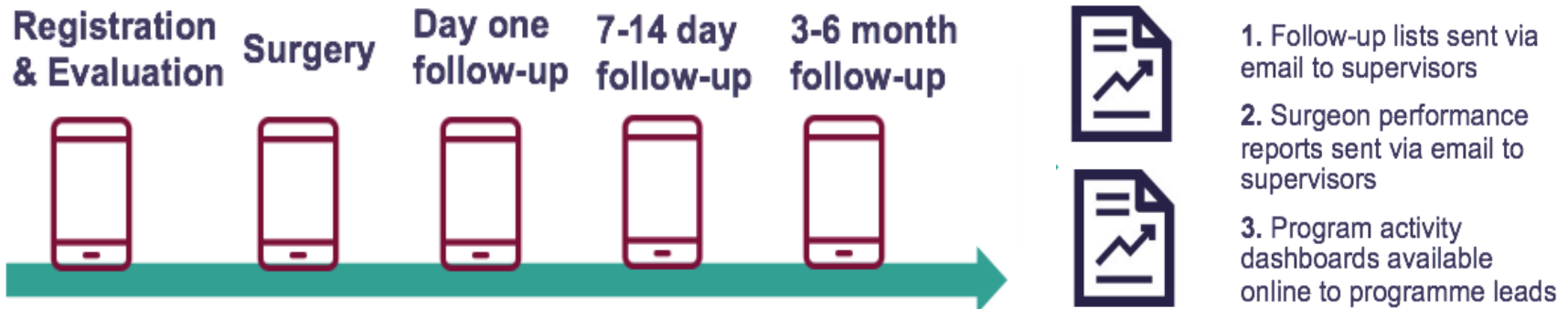


Surgery: Record operating surgeon, type of operative method and suture used, surgical complications, etc.

Follow-up: Record 24 hour, 7-14 day, or 3-6 months outcome assessment (surgical outcomes, post-operative care, etc.)



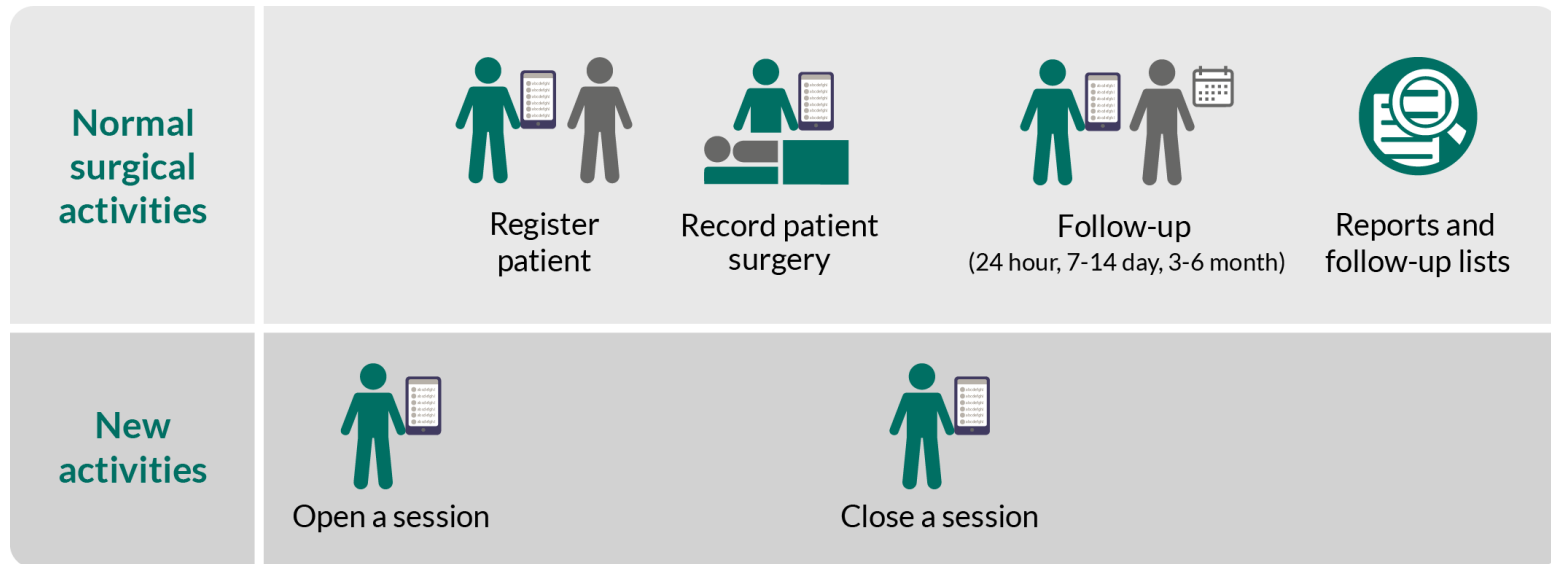
TT Tracker: The Basics



- Allows programs to collect patient information at different intervention time points
- Includes timely follow-up lists, surgeon performance reports, and activity reports
- Gives surgeons access to patient information within their designated coverage area



TT Tracker vs Existing Processes



Though the TT Tracker does require data entry into the phone, which is different from current practices, most of the activities added to the phone are already existing activities required by the program.

- Register Patient, Record Patient Surgery, Document Follow-up, and reports and follow-up lists are all current activities in all programs. The TT Tracker will make the documentation of those activities easier due to ease and speed of reporting.
- Start and End Session are new, though not frequently required, and assist with calculation of surgical outputs by individual outreach activities





New Forms, Known Questions

- Name
- Age & Sex
- District & Village of Residence
- # lashes touching the eye
- Evidence of epilation
- Date of Surgery
- Type of operation and suture
- Surgical complications

Surgical Location Information		
District: _____	County: _____	Sub-county: _____ Parish: _____
Village: _____	Clinic Based <input type="radio"/> Camp Based <input type="radio"/>	
Surgeon's Name: _____	Assistant's Name: _____	

Patient Information	
Patient's Full Name: _____	Age: _____ Sex: Male <input type="radio"/> Female <input type="radio"/>
Patient Residency	
District: _____	County: _____ Sub-county: _____ Parish: _____
Village: _____	Mobile phone contact (patient, relative or neighbor): _____
Name of Chairman/chairperson LC1: _____	

Patient's Clinical Status Before Surgery		
Measurement	Right Eye	Left Eye
Visual Acuity		
Corneal Opacity		
Mark position of any opacity and lashes touching the globe		
Severity of Trichiasis	0 <input type="radio"/> 1-5 <input type="radio"/> 6-10 <input type="radio"/> 10+ <input type="radio"/>	0 <input type="radio"/> 1-5 <input type="radio"/> 6-10 <input type="radio"/> 10+ <input type="radio"/>
Number of lashes touching the globe		

Patient's Surgery Information		
Date of Surgery: _____/_____/_____		
	Right Eye	Left Eye
Operated?	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Type of Operation		
Clamp used	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Suture (choose one)	Silk <input type="radio"/> Absorbable <input type="radio"/>	Silk <input type="radio"/> Absorbable <input type="radio"/>
Previously operated?	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Signs of Epilation	<input type="checkbox"/> No <input type="checkbox"/> Yes <1/3 of lid <input type="checkbox"/> Yes, 1/3-2/3 of lid <input type="checkbox"/> Yes >2/3 of lid	<input type="checkbox"/> No <input type="checkbox"/> Yes <1/3 of lid <input type="checkbox"/> Yes, 1/3-2/3 of lid <input type="checkbox"/> Yes >2/3 of lid
Cataract (causing VI or blindness)	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Operative Complications	None <input type="radio"/>	None <input type="radio"/>
Check None, if None		
Patient received one dose of Azithromycin at time of surgery?	Yes <input type="radio"/> No <input type="radio"/>	TEO = Yes <input type="radio"/> No <input type="radio"/>
Pictures Taken	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>



New Forms, Known Questions

🏠 > SAMPLE SESSION A

< >

Name of patient's district

🏠 > SAMPLE SESSION A

< >

Patient Village

🏠 > RECORD EVALUATION

< >

How many right upper lid eyelashes touch the eyeball?

- ☐ None
- ☐ 1-2
- ☐ 3-4
- ☐ 5-6
- ☐ 7-9
- ☐ 10+

🏠 > SAMPLE SESSION A



Is there evidence of epilation of inturned right upper lid eyelashes?

- ☐ Yes
- ☐ No

🏠 > RECORD SURGERY

< >

What material was used for suture for eyes operated on?

- ☐ Absorbable (vicryl)
- ☐ Non-Absorbable (silk)

🏠 > RECORD SURGERY

< >

On the left upper eyelid, what type of operation was performed?

- ☐ Bilamellar tarsal rotation (clamp)
- ☐ Bilamellar tarsal rotation (no clamp)
- ☐ Trabut (Posterior lamellar tarsal rotation)
- ☐ Tarsal advance and rotation (modified Trabut)

- Name
- Age & Sex
- District & Village of Residence
- # lashes touching the eye
- Evidence of epilation
- Date of Surgery
- Type of operation and suture
- Surgical complications



Complex System, Usable Interface(s)

- We have aimed to build a system that can address some of the complex needs but easy enough for users
 - Similar to paper forms
 - Logical progression
 - Skip logic
 - Multiple choice
 - Instructions throughout

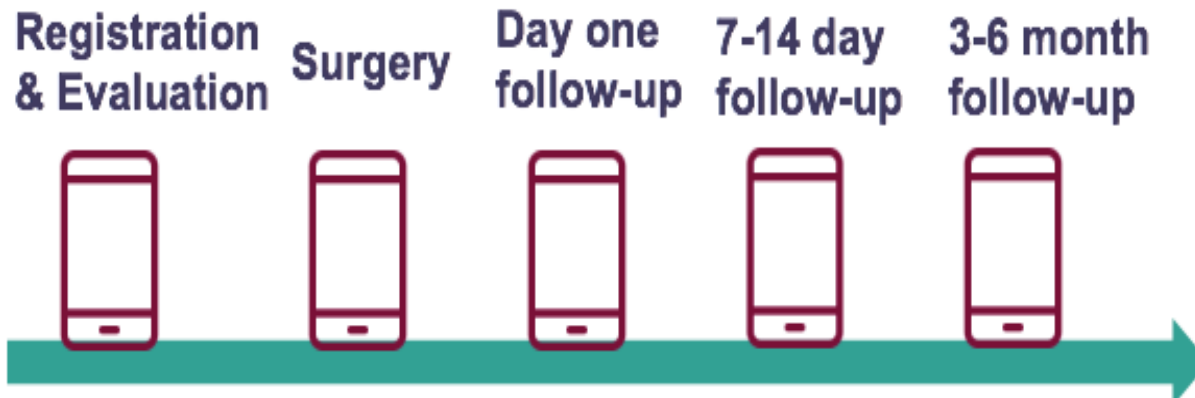




Reports



Reports and Follow-up Lists



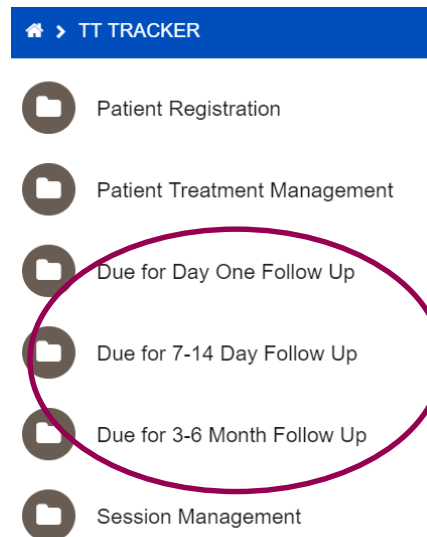
- Follow-up Lists
- Surgical Outcome and Output Reports
- Patient Records/Line Lists
- Activity Summaries



Due for Follow-up Lists

- **Phone**

- One list per time period
- Can be searched by specific patient or district



DUE FOR 3-6 MONTH FOLLOW UP			
ID	NAME	R/L	DSS
UGCC3	Ariet Omod	S/S	129
UGCC8	Nebiyu Guell	S/S	129
UGCC23	Elizabeth Mina	S/S	127
UGCC11	Mary Joyce	S/S	129
UGCC20	Amelia Okach	S/S	127

- **Email**

- Sent to designated officials responsible for follow-up planning
- Lists are broken down by district and can be used as needed

Patients Due for 3 - 6 Month Follow Up											
Overdue?	Name	Age	Sex	Patient District	Patient Village	Phone	Owner of	Surgery Date	Session Name	Session ID	Surgeon Name
	Adam Test	90	male	Alpha One	Villagename	5555555		2017-10-13	clinic south	AA-TT-2	Carol Burnett
	Adam Test	90	male	Alpha One	Villagename	5555555		2017-10-13	clinic south	AA-TT-2	Carol Burnett
	Leah M	58	female	Alpha One	Reyn			2017-07-21	Surgeon Region Te	AA-CR-5	Carol Burnett
Y	mariana K	65	female	Alpha One	Gambella	2222222		2017-07-02	home12	AA-CR-4	Floyd DeBarbour

Surgeon Emails



Surgeon Report for October 2017

10 messages

TT Patient Tracker <ssreporter@mg.callawaywilson.com>
To:

Mon, Nov 6, 2017 at 9:52 AM

Dr Yeugh
October 2017

Your contribution to trachoma elimination

This is what's been done nationally

2 surgeries completed this month	9 surgeries completed this year
3 7-14 day follow-ups completed this year	33% positive outcomes of completed 7-14 day follow-ups
0 3-6 month follow-ups completed this year	N/A % positive outcomes of completed 3-6 month follow-ups

Your individual report

0 surgeries this month	
1 surgeries this year	
0 7-14 day follow-ups done on your surgeries this year	0 3-6 month follow-ups done on your surgeries this year

Outcome of those 7-14 day follow-ups:

N/A % Success rate
N/A % Over-correction
N/A % Granuloma
N/A % Contour-abnormality

Outcome of those 3-6 month follow-ups:

N/A % Success rate
N/A % Over-correction
N/A % Granuloma
N/A % Contour-abnormality

See any areas you'd like to improve upon? Please contact your supervisor.

Thank you for your continued dedication to helping your community.
Keep up the good work!

Surgeon reports and performance

- Surgeons will receive a monthly email (if they are actively doing surgeries) showing their contribution and how many of those individuals completed a follow-up
- Designated supervisors will receive a report of surgical outcomes to assess what issues and surgical complications need to be addressed, if any



Surgical Outcome Reports

- Surgical Outcome Reports can be emailed monthly to designated supervisors to see surgical outcomes by surgeon.
- Report includes number of surgeries completed and surgical successes and/or complications for surgeries with outcome assessment completed.

				7-14 day follow-up YTD				
Region	Surgeon	# of surgeries this month	# of surgeries YTD	# of surgeries with 7-14 day follow-up	Complication %	Over-correction %	Granuloma %	Contour-abnormality %
Alpha	Carol Burnett	0	0	0				0%
Alpha,Beta	Chris Chross	0	0	0				0%
Beta	Dennis Duffy	0	0	0				0%
Alpha,Beta	Dr Drew Baird	1	0	0				0%

3-6 month follow-up YTD				
# of surgeries with 3-6 month follow-up	Complication %	Over- correction %	Granuloma %	Contour-abnormality %
0				0%
0				0%
0				0%
0				0%



Metabase Dashboard

[Dashboards](#) [Questions](#) [Pulses](#) [Data Reference](#) [New Question](#)

Template - Dashboard 1

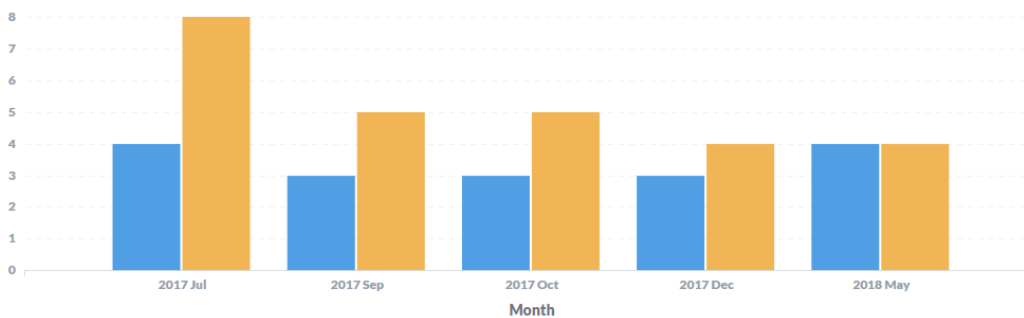


Surgeries by outreach type

Type	Count
Total Patients Operated	17
Patients Operated Camp	7
Eyes Operated Camp	10
Patients Operated Site	9
Eyes Operated Site	14
Patients Operated Motorbike	0
Eyes Operated Motorbike	0
Patients Operated Other	1
Eyes Operated Other	2

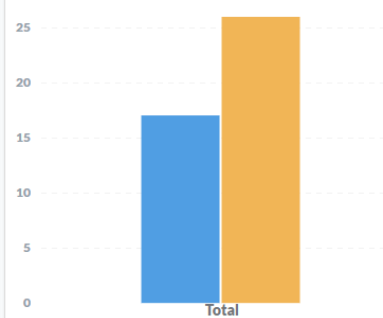
Patients and Eyes Operated - Monthly

● Patients Operated ● Eyes Operated



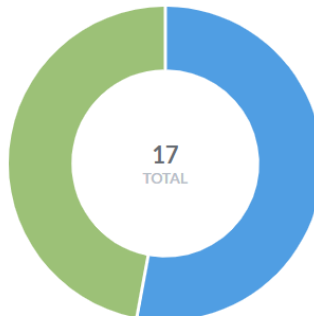
Patients and Eyes Operated - Total

● Patients Operated ● Eyes Operated

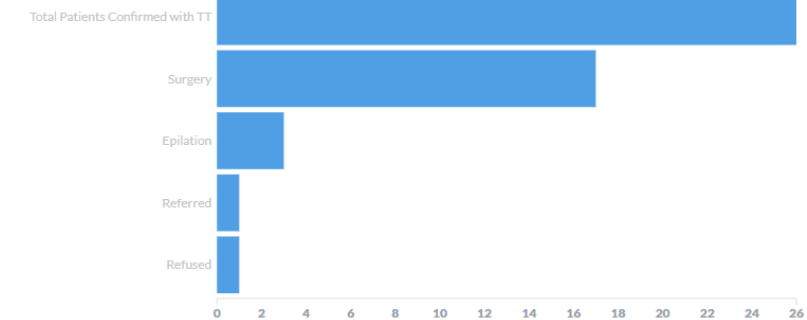


Surgery Activity - TT Patients Operated

● Males 52.94%
● Females 47.06%



TT Interventions for Confirmed TT (by patient)

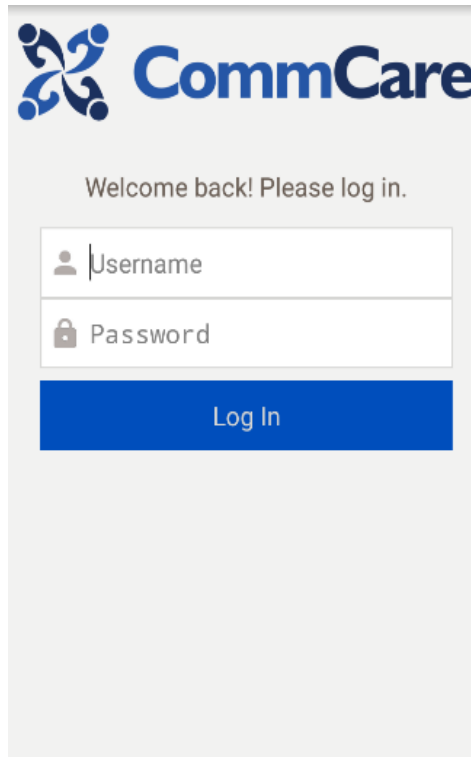




Phone Introduction



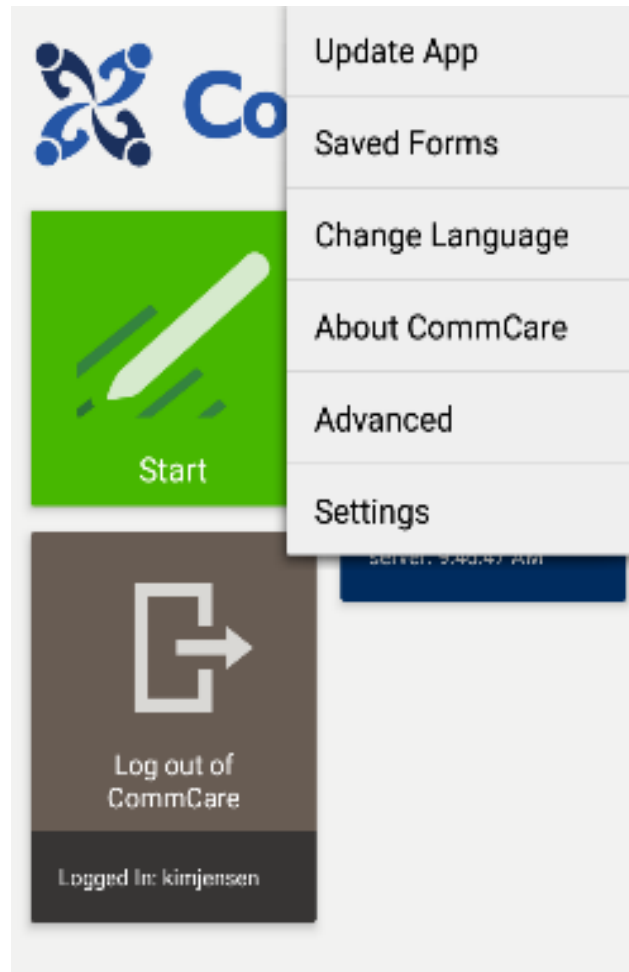
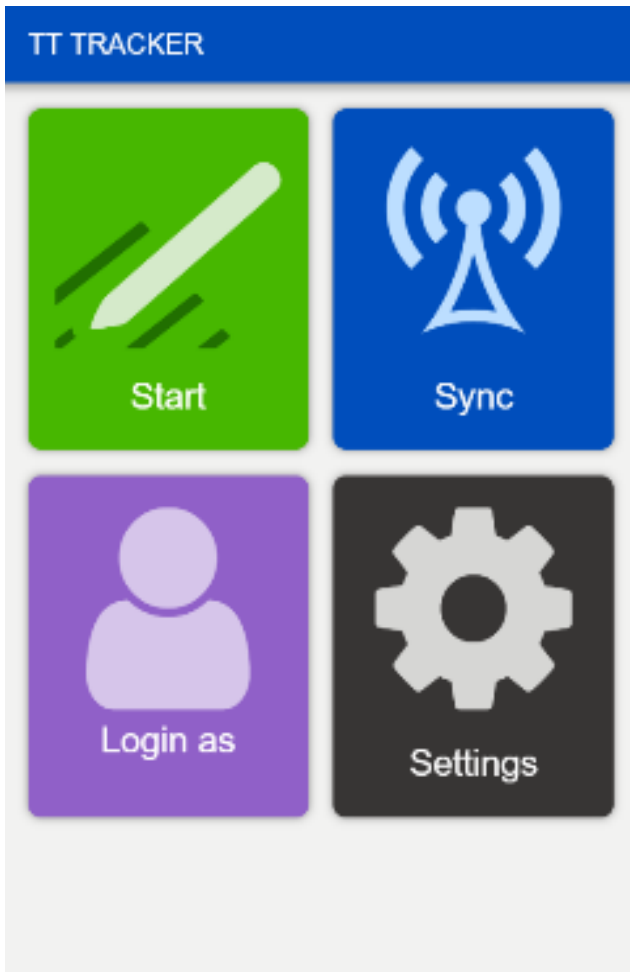
Basic Phone Elements: Logging in



- CommCare has been downloaded to the phones.
- Each phone will have a UserID and password. This should only be shared with those who need to use that phone
- For the training, username and password will be different from field work.
- Training
 - [____#]
 - [____#]
- Field
 - [_____]#
 - [_____]#



Basic Phone Elements: TT Tracker Menu



- Start
- Sync
- Log out of CommCare
- Update App



Basic Phone Elements: Moving Between Screens

🏠 > SAMPLE SESSION A

< >

Patient home district

- ☐ Alpha One
- ☐ Alpha Three
- ☐ Alpha Two
- ☐ Unknown

Move forward and back

Register Patient

X

Enter patient name

Exit Form?

- > STAY IN FORM
- EXIT WITHOUT SAVING

Exit the form
without saving

🏠 > RECORD EVALUATION

< COMPLETE >

Additional notes/comments
If no additional comments, select Next

Complete/Submit

Register Patient

X

Enter patient name

Sorry, this response is required!

Required Questions



Basic Phone Elements: Forms 1

🏠 > TT TRACKER



Patient Registration



Patient Treatment Management



Due for Day One Follow Up



Due for 7-14 Day Follow Up



Due for 3-6 Month Follow Up



Session Management

- TT Tracker is form-based—electronic forms mirror existing paper forms
 - **Patient Registration:** Each patient that comes to a camp for screening for TT should be registered.
 - **Patient Treatment Management:** includes all other forms needed tracking a patient (evaluation, surgery, follow-up)
 - **Due for follow-up:** Provides summary lists of those patients that fall within a follow-up timeframe
 - **Session Management:** Opening, updating, and closing Sessions (outreach activities)



Basic Phone Elements: Forms 2

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management

🏠 > ARIET GUELL

- ✎ Update Patient Info
- ✎ Record Evaluation
- ✎ Record Surgery
- ✎ 24 Hour Follow Up
- ✎ 7-14 Day Follow Up
- ✎ 3-6 Month Follow Up
- ✎ Close Out Patient

- Forms based on existing paper forms
- Organized to support the sequential order of the camp
- There are some sub-folders housed within main folders

Patient Treatment Management

- Update Patient Info
- Record Evaluation
- Record Surgery
- Follow-up(s)
- Close out Patient



Basic Phone Elements: Patient Line List

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management

🏠 > PATIENT TREATMENT MANAGEMENT



ID	NAME	R/L	DSS
AATT17	Sample Patient 2	R/-	
AACR9	Surgeon Region Tester	-/-	
AATT16	Test Patient 1	-/E	
AATT18	Test Patient 2	S/E	29
AATT18	Test Patient 2	redo	2
AATT26	William Amana	X/-	



Data Use: Patient List

PATIENT TREATMENT MANAGEMENT			
Search			Q
ID	NAME	R/L	DSS
AATT17	Sample Patient 2	R/-	
AACR9	Surgeon Region Tester	-/-	
AATT16	Test Patient 1	-/E	
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AATT18	Test Patient 2	redo	2
AATT26	William Amana	X/-	

Supporting summary documentation has been included to assist users in viewing patient record information from the main patient list:

- **R/L:** Right/Left (eye)
 - **S:** Surgery
 - **E:** Epilation
 - **R:** Referral
 - **X:** Refusal
 - **O:** Other management
- **DSS:** Days since surgery



Data Use: Patient Case Detail

Case Detail

REG EVAL SURGERY 24-HR 7-14 DAY 3-6 MO

Session	Sample Session A
ID	AATT18
Name	Test Patient 2
Age	65
Sex	Female
District	Alpha Three

Continue

Case Detail

REG EVAL SURGERY 24-HR 7-14 DAY 3-6 MO

RE # Lashes	10+
RE Evid. Epilation	Yes
RE Conj. Scarring	Yes
RE Prev. Surgery	No
RE Lower TT	Yes
RE Action	Surgery Accepted
LE # Lashes	2
LE Evid. Epilation	No

Continue

Case Detail

REG EVAL SURGERY 24-HR
7-14 DAY 3-6 MO

Patient summaries allow users to see all information entered for a patient by selecting the specific tab to review the information entered on that form:

- Registration, Evaluation/Screening, Surgery, Follow-up (24-hour, 7-14 day, 3-6 month)



Activity: Find the Patient

- Who is Patient AAAZ2?
- Where does he/she live?
- When were they evaluated for TT?
- What was the recommended treatment for patient AAAZ2?
 - Why and to where?



Activity: Find the Patient

- Esteli Davidi Mtuli
 - How old is she?
 - What eye(s) did she have operated?
 - How many days has it been since surgery?
 - Who conducted the 7-14 day follow-up?
 - Were there any complications observed during surgery?
 - What follow-ups were completed for Esteli? Are any follow-ups missing?
 - Where does she live?



Activity: Find the Patient

- Correct the information
 - Ariet Malisa: Patient ID AAAZ2
 - 10+ eyelashes touching the eye
 - LE no conjunctival scarring
 - LE lower lid trichiasis
 - Both eyes were recommended for operation
 - Received surgery 7 days ago



Hands on Data Entry



Step 1: Session Management

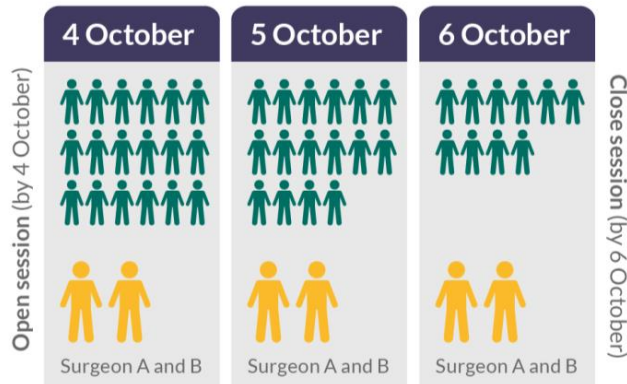
Session = specific surgical outreach event

- Can be a surgical campaign taking place over multiple days, or all surgical activities that take place at a static health center over one month.
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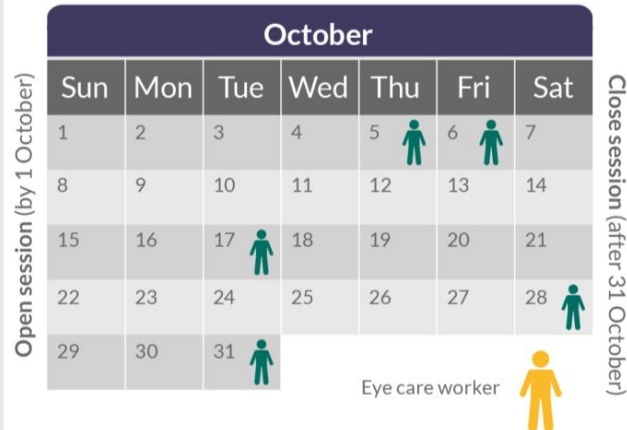
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Average number of surgeries per surgeon per day: 7.3

Example B:

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Total number of surgeries during session: 5



Session Management

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management

In order to register patients and record surgeries during outreach, there must be an open Session to assign patients.

🏠 > SESSION MANAGEMENT

- ✎ Open Session
- 📁 Update Session
- 📁 Close Session



Session Management

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 **Session Management**



Open Session: Should be started before the specific outreach activity, so patients can be registered and linked to the Session.

Close Session: Should be ended after the specific outreach activity, removing it from the phones so no other patients can be newly registered to the Session.

Update Session: Used to correct any errors to open sessions. Once the session is ended, it cannot be updated.

🏠 > SESSION MANAGEMENT

- ✎ Open Session
- 📁 Update Session
- 📁 Close Session



Open Session

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management



Open Session

- One session started for a specific outreach activity
- One person starts/ends the session
- ALL individuals should be informed of the Session ID and name opened and sync their phones

🏠 > SESSION MANAGEMENT

- ✎ Open Session
- 📁 Update Session
- 📁 Close Session



Open Session

🏠 > OPEN SESSION



District

- ☐ Alpha One
- ☐ Alpha Three
- ☐ Alpha Two
- ☐ Beta One
- ☐ Beta Three
- ☐ Beta Two
- ☐ Unknown

🏠 > OPEN SESSION



Please enter the name of the village
where Site/Session is located

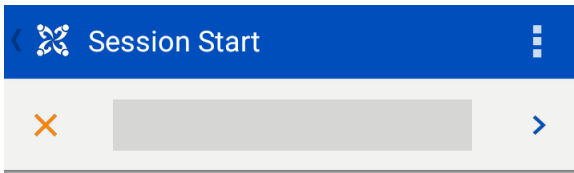
🏠 > OPEN SESSION



Enter the name of the Site/Session

*Name of Site/Session
should be descriptive and
recognizable by all users—
it will be how the Session
appears on the list for all
users*

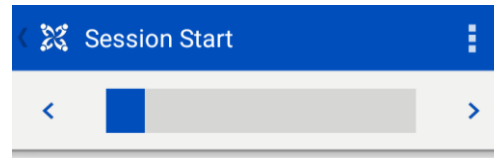
Open Session

 Session Start

Are you currently located at the site?


☐ Yes

☐ No

 Session Start

Please record the GPS location.
If the device is unable to capture coordinates, you'll be able to enter the location on the next screen.

Record Location

 Session Start

Please record the GPS location.
If the device is unable to capture coordinates, you'll be able to enter the location on the next screen.


Record Location

Latitude: S 6°45'16"
Longitude: E 39°16'23"
Altitude: -16.2m
Accuracy: 24.12m

- The designated person will start the session when there is network available.
- Session start most likely will be done in advance of the outreach so GPS will **NOT** be taken during Open Session
 - Update Session can be used in the field to capture the GPS coordinates after Session is open



Open Session

 > OPEN SESSION

< >

Site type

☐ Static site

☐ Surgical camp


☐ Surgeon on motorbike

☐ Other

< >

Please describe the site

Type of outreach activity will be selected. If "Other" is selected, type of session will be entered in space provided

 > OPEN SESSION

< >

This Session ID is "AA-TT-14".

Session will be assigned a unique Session ID. All mobile workers working in that camp/session should be informed of Session Name AND Session ID

SYNC!

Open Session Practice

In pairs, create a new Session for outreach. User you name in the Session name so it can be recognized.





Session List

🏠 > UPDATE SESSION



ID	NAME	START
----	------	-------

AA-TT-13	Beta Primary School	2018-06-01
----------	---------------------	------------

AA-TT-10	Sample Session A	2018-04-01
----------	------------------	------------

AA-CR-5	September Static Site Beta One	2017-09-01
---------	--------------------------------	------------

AA-TT-11	Temporary Session	2018-05-01
----------	-------------------	------------

🏠 > CLOSE SESSION



ID	NAME	START
----	------	-------

AA-TT-13	Beta Primary School	2018-06-01
----------	---------------------	------------

AA-TT-10	Sample Session A	2018-04-01
----------	------------------	------------

AA-CR-5	September Static Site Beta One	2017-09-01
---------	--------------------------------	------------

AA-TT-11	Temporary Session	2018-05-01
----------	-------------------	------------

🏠 > PATIENT REGISTRATION



ID	SITE
----	------

AA-CR-5	September Static Site Beta One
---------	--------------------------------

AA-CR-6	Test Site Beta
---------	----------------

AA-TT-10	Sample Session A
----------	------------------

AA-TT-11	Temporary Session
----------	-------------------

AA-TT-13	Beta Primary School
----------	---------------------

Three ways to view open Sessions: Update Session, Close Session, Patient Registration

Can you find your Session?



Update Session

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management



Update Session

- Used to correct errors in Session information
- Can only be used for Sessions that are open
- Helpful if GPS still needs to be captured (if applicable)


🏠 > SESSION MANAGEMENT

- 📁 Open Session
- 📁 Update Session
- 📁 Close Session



Update Session

SESSION MANAGEMENT

 Open Session

 Update Session

 Close Session



UPDATE SESSION



ID	NAME	START
----	------	-------

AA-TT-13	Beta Primary School	2018-06-01
----------	---------------------	------------

AA-TT-10	Sample Session A	2018-04-01
----------	------------------	------------

AA-CR-5	September Static Site Beta One	2017-09-01
---------	--------------------------------	------------

AA-TT-11	Temporary Session	2018-05-01
----------	-------------------	------------

Case Detail



CASE

Session Id	AA-TT-13
------------	----------

Site Type	Camp
-----------	------

Site Name	Beta Primary School
-----------	---------------------

Start Date	2018-06-01
------------	------------

Village	Beta Village
---------	--------------

District Name	Beta One
---------------	----------



Update Session

🏠 > SAMPLE SESSION A



Please enter the name of the village
where Site/Session is located

Sample Village A

🏠 > SAMPLE SESSION A



Are you currently located at the site?

☐ Yes

☐ No

Use Update Session form to
capture GPS if Session was opened
when not located at Session

🏠 > SAMPLE SESSION A



Enter the name of the Site/Session

Sample Session A

🏠 > SAMPLE SESSION A



COMPLETE >

District

☒ Alpha One

☐ Alpha Three

☐ Alpha Two

☐ Beta One

☐ Beta Three

☐ Beta Two

🏠 > SAMPLE SESSION A



Start date of outreach

04/01/2018



- Questions will appear pre-filled with the responses given on the Open Session form
- Any information that must be updated can be edited. All correct information should remain unchanged



Update Session

HOME > SAMPLE SESSION A

< >

Please enter the name of the village where Site/Session is located

Sample Village A

HOME > SAMPLE SESSION A

< >

Enter the name of the Site/Session

Sample Session A

HOME > SAMPLE SESSION A

< >

Start date of outreach

04/01/2018

HOME > SAMPLE SESSION A

< >

Are you currently located at the site?

☐ Yes

☐ No

HOME > SAMPLE SESSION A

< COMPLETE >

District

☒ Alpha One

☐ Alpha Three

☐ Alpha Two

☐ Beta One

☐ Beta Three

☐ Beta Two

Practice: Update Session

Use Update Session form to capture GPS if Session was opened when not located at Session



Close Session

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management



Close Session

- Used to correct errors in Session information
- Can only be used for Sessions that are open
- Helpful if GPS still needs to be captured (if applicable)

🏠 > SESSION MANAGEMENT

- 📁 Open Session
- 📁 Update Session
- 📁 Close Session



Close Session

🏠 > SESSION MANAGEMENT



Open Session



Update Session



Close Session



ID	NAME	START
AA-TT-13	Beta Primary School	2018-06-01
AA-TT-10	Sample Session A	2018-04-01
AA-CR-5	September Static Site Beta One	2017-09-01
AA-TT-11	Temporary Session	2018-05-01

Case Detail



CASE

Session Id	AA-TT-10
Site Name	Sample Session A
Start Date	2018-04-01
Location Name	Sample Village A
District Name	Alpha One

CHECK SUMMARY BEFORE CLOSING




Close Session



If Session should be closed, but needs to be saved (patient records registered to Session)



If Session had NO records registered to it, was created in error and should be DELETED



 > SAMPLE SESSION A

Why is this session being closed


- ☒ Activity ended
- ☐ Erroneous/duplicate data

The most likely option: Close because Activity Ended



Close Session--Duplication

If Session had NO records registered to it and was created in error, it will be flagged to be DELETED


 > SAMPLE SESSION A

< >

Why is this session being closed

- ☐ Activity ended
- ☒ Erroneous/duplicate data



 > SAMPLE SESSION A

< >

You have selected to permanently remove the Session from the records. To confirm select next.

**Confirm before
submitting**



Close Session—Activity Ended

🏠 > SAMPLE SESSION A

< >

Why is this session being closed

- ☒ Activity ended
- ☐ Erroneous/duplicate



Practice: Close Session

🏠 > BETA PRIMARY SCHOOL

< >

End date of outreach

Number of men presented (total men registered, with and without TT)

🏠 > BETA PRIMARY SCHOOL

< >

Number of women presented (total women registered, with and without TT)

🏠 > SAMPLE SESSION A

< >

Are you currently located at the site?

☐ Yes

☐ No

Only asked if GPS has not yet been captured



Session List

🏠 > UPDATE SESSION



ID	NAME	START
----	------	-------

AA-TT-13	Beta Primary School	2018-06-01
----------	---------------------	------------

AA-TT-10	Sample Session A	2018-04-01
----------	------------------	------------

AA-CR-5	September Static Site Beta One	2017-09-01
---------	--------------------------------	------------

AA-TT-11	Temporary Session	2018-05-01
----------	-------------------	------------

🏠 > CLOSE SESSION



ID	NAME	START
----	------	-------

AA-TT-13	Beta Primary School	2018-06-01
----------	---------------------	------------

AA-TT-10	Sample Session A	2018-04-01
----------	------------------	------------

AA-CR-5	September Static Site Beta One	2017-09-01
---------	--------------------------------	------------

AA-TT-11	Temporary Session	2018-05-01
----------	-------------------	------------

🏠 > PATIENT REGISTRATION



ID	SITE
----	------

AA-CR-5	September Static Site Beta One
---------	--------------------------------

AA-CR-6	Test Site Beta
---------	----------------

AA-TT-10	Sample Session A
----------	------------------

AA-TT-11	Temporary Session
----------	-------------------

AA-TT-13	Beta Primary School
----------	---------------------

Three ways to view open Sessions: Update Session, Close Session, Patient Registration

Can you find your Session?



Patient Registration

TT TRACKER

- Patient Registration**
- Patient Treatment Management
- Due for Day One Follow Up
- Due for 7-14 Day Follow Up
- Due for 3-6 Month Follow Up
- Session Management

When a patient comes to a camp/outreach site for evaluation and treatment, he/she must be registered

PATIENT REGISTRATION

Search

ID	SITE
AA-CR-5	September Static Site Beta One
AA-CR-6	Test Site Beta
AA-TT-10	Sample Session A
AA-TT-11	Temporary Session

When registering a patient, he/she will be assigned to a Session--the outreach site.

Case Detail

CASE

Session Id	AA-TT-10
Site Name	Sample Session A
Start Date	2018-04-01
Location Name	Sample Village A
District Name	Alpha One

Continue



Patient Registration

🏠 > SAMPLE SESSION A

< >

Does patient already have a Patient ID?



☐ Yes

☐ No

No: If patient does not have an existing ID, the TT Tracker will randomly assign a unique Patient ID

- **Most patients will not have existing Patient IDs**
- **Attention will be mainly dedicated to registering patients with no Patient IDs**



Patient Registration

🏠 > SAMPLE SESSION A

< >

Does patient already have a Patient ID?

☐ Yes

☒ No

✓

< ✖ Register Patient ⋮

✗ [] >

Enter patient name

[]

< ✖ Register Patient ⋮

< [] >

Patient age

[]

< ✖ Register Patient ⋮

< [] >

Sex

☐ Male

☐ Female

Record demographic information

- *All information is what is collected on paper forms*



Patient Registration

Select patient region and district

- Only districts within the selected region appear*

HOME > SAMPLE SESSION A

< >

Patient home region

☐ Alpha

☐ Beta

☐ Delta

☐ Epsilon

☐ Gamma

☐ Other

< >

Name of patient's region



HOME > SAMPLE SESSION A

< >

Patient home district

☐ Alpha One

☐ Alpha Three

☐ Alpha Two

< >

Name of patient's district

*If **Other** is selected, the name of the region/district can be manually entered*

HOME > SAMPLE SESSION A

< >

Patient Village

After region and district are selected, patient village can be manually entered



Patient Registration: Contact Information

🏠 > SAMPLE SESSION A

< >

Who owns a phone with which we can contact the patient?

- ☐ Patient
- ☐ Family member
- ☐ Village leader
- ☐ Health worker
- ☐ Community volunteer
- ☐ Other
- ☐ No phone

🏠 > SAMPLE SESSION A

< >

Phone number

If a phone number is available, select the owner of the phone and record the phone number

🏠 > SAMPLE SESSION A

< >

Who owns a phone with which we can contact the patient?

- ☐ Patient
- ☐ Family member
- ☐ Village leader
- ☐ Health worker
- ☐ Community volunteer
- ☐ Other
- ☐ No phone

🏠 > SAMPLE SESSION A

< >

Who has the phone with which we can contact the patient?

🏠 > SAMPLE SESSION A

< >

Phone number

If the phone owner is "other", first enter the owner of the phone and record the phone number



Patient Registration: Patient ID & Notes

🏠 > SAMPLE SESSION A

< >

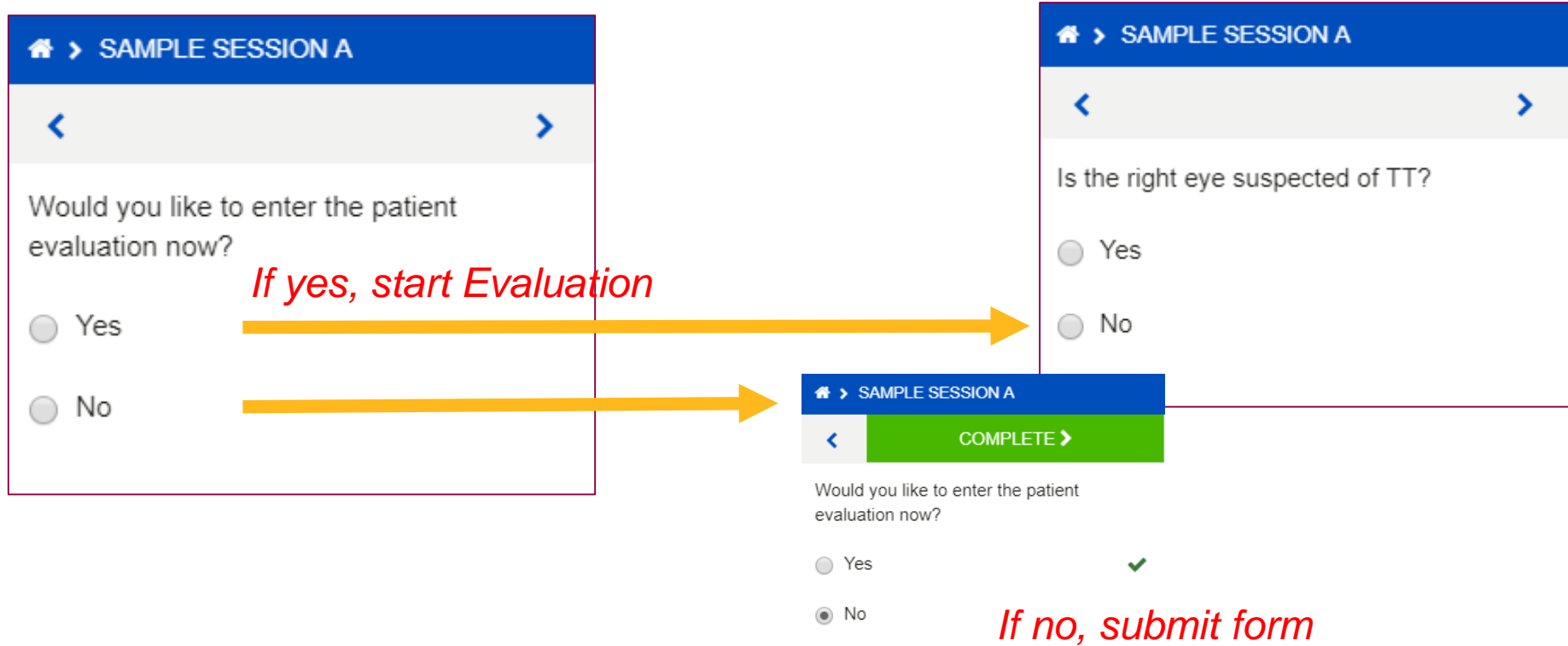
Patient ID: AATT27

Additional notes/comments
If no additional comments, select Next

- Once a patient is registered, he/she will be given a patient ID number which will be UNIQUE to him/her.
 - Write this number on any written materials, including paper surgery records, patient follow-up cards, etc.
- Additional notes/comments can be recorded on any of the forms
 - If an issue arises with the patient record, a note can be added for data managers/supervisors.
 - If there are no issues, this can be left blank



Patient Registration: Complete



- If the user is ready to enter the evaluation information (number of eyelashes touching the eye, evidence of epilation, etc.), it is possible to go directly to the evaluation form
- If user is not ready to enter the evaluation, the form can be closed the evaluation form can be accessed later.



Patient Registration: Practice

- Work in pairs or small groups to create 2 patient registrations. Each person will be the patient for the other who is completing the registration form.
- Once a patient registration has been submitted, confirm that the information has been submitted by accessing the Patient Case Summary Form
 - Select the “Reg” tab to review the information recorded for the registration.
 - All other forms in the Case Detail will remain blank until completed

Do not begin Evaluation



Patient Summary Form

- Once a patient registration has been submitted, the information is available on the patient summary form.
 - Select the “Reg” tab to review the information recorded for the registration.
 - All other forms in the Case Detail will remain blank until completed

TT TRACKER

Patient Registration

Patient Treatment Management

Due for Day One Follow Up

Due for 7-14 Day Follow Up

Due for 3-6 Month Follow Up

Session Management

PATIENT TREATMENT MANAGEMENT

ID	NAME	R/L	DSS
AATT23	Michael Sana	X/-	
AATT22	Owil Kebede	S/E	28
AATT15	Sample Patient 1	S/-	30
AATT17	Sample Patient 2	R/-	
AATT16	Test Patient 1	-/E	
AATT18	Test Patient 2	redo	16

Case Detail

REG

EVAL

SURGERY

24-HR

7-14 DAY

3-6 MO

Session

Sample Session A

ID

AATT15

Name

Sample Patient 1

Age

34

Sex

Female

District

Alpha One

Case Detail

REG

EVAL

SURGERY

24-HR

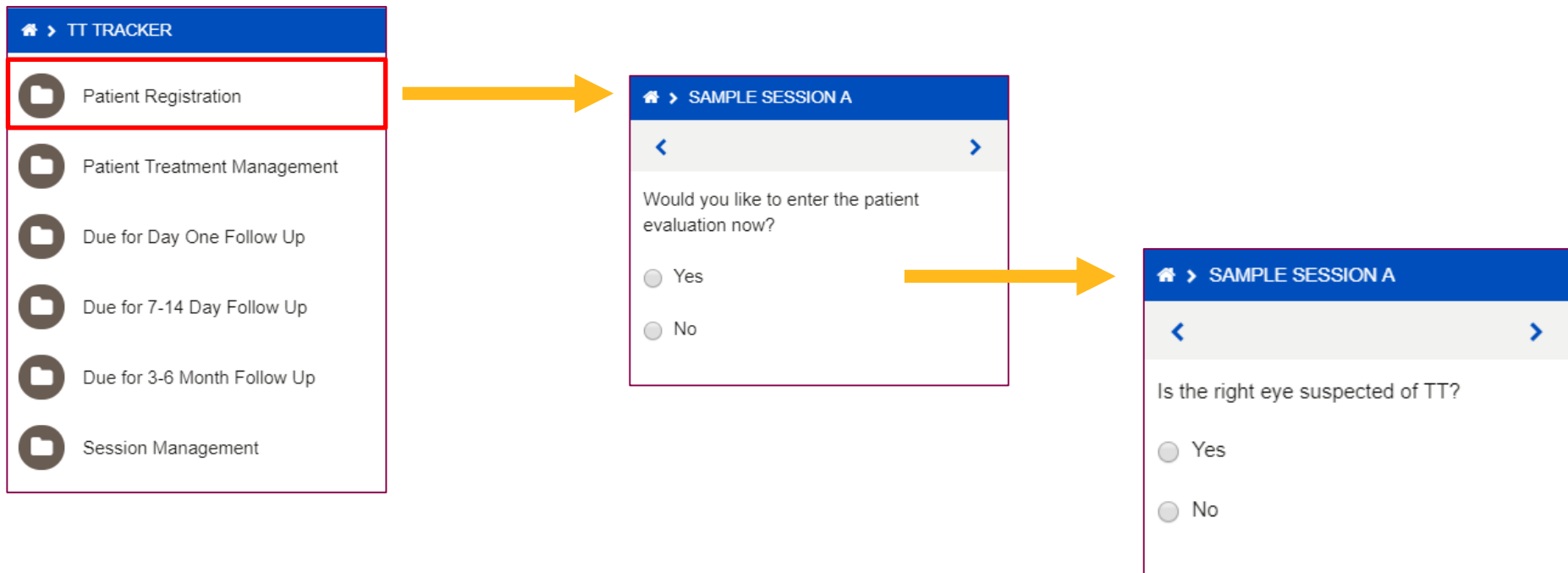
7-14 DAY

3-6 MO



Record Evaluation

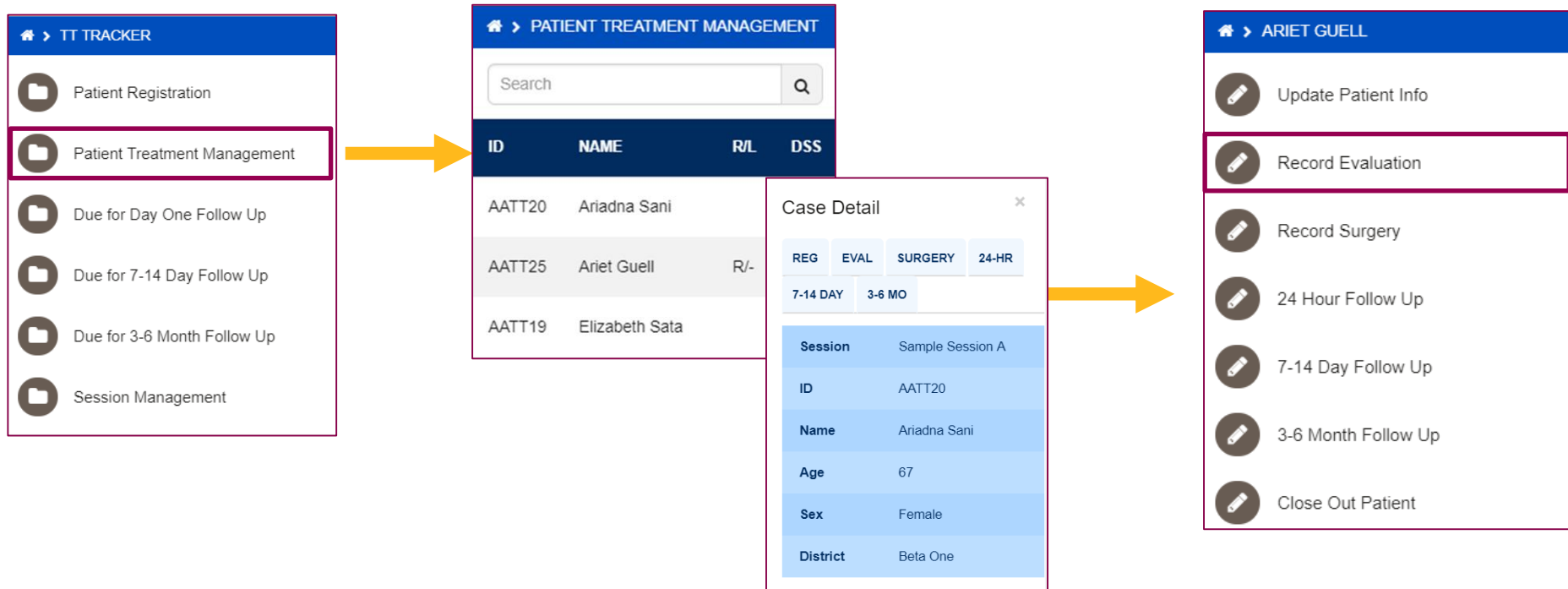
- Once a patient has been registered, they can be evaluated / screened for TT
- Two ways to record the evaluation form
 - **Continue directly after completing registration form**
 - Access Evaluation form through Patient Treatment Management





Record Evaluation

- Once a patient has been registered, they can be evaluated / screened for TT
- Two ways to record the evaluation form
 - Continue directly after completing registration form
 - **Access Evaluation form through Patient Treatment Management**





Record Evaluation

🏠 > RECORD EVALUATION

< >

Is the right eye suspected of TT?

☐ Yes

☐ No



🏠 > RECORD EVALUATION

< >

How many right upper lid eyelashes touch the eyeball?

☐ None

☐ 1-2

☐ 3-4

☐ 5-6

☐ 7-9

☐ 10+

🏠 > RECORD EVALUATION

< >

Is there evidence of epilation of inturned right upper lid eyelashes?

☐ Yes

☐ No

🏠 > RECORD EVALUATION

< >

Is the left eye suspected of TT?

☐ Yes

☐ No

Skip to other eye or next questions

- Questions are asked of each eye individually
- If eye is NOT suspected of TT, questions are skipped
- If the eye is suspected of TT, follow-up questions will be asked



Record Evaluation

🏠 > RECORD EVALUATION

< >

Has this patient had lid surgery before on the right eye?

☐ Yes

☐ No



🏠 > RECORD EVALUATION

< >

When you evert the eyelid, is there obvious scarring of the right upper tarsal conjunctiva?

☐ Yes

☐ No

☐ Unclear

☐ Can't examine

🏠 > RECORD EVALUATION

< >

Is there a scar consistent with a previous operation for upper right lid trichiasis?

☐ Yes

☐ No

🏠 > RECORD EVALUATION

< >

Is there trichiasis of the right lower eyelid?

☐ Yes

☐ No

Question asked only if patient had surgery before



Record Evaluation: Action Required

🏠 > RECORD EVALUATION

< >

For the right eye, what have you recommended to the patient?

- ☐ Surgery (patient accepted)
- ☐ Surgery (patient refused)
- ☐ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management

Based on the evaluation, a recommended action will be selected for each eye

- *Follow-up questions may be asked, depending on the action selected*
 - **Surgery (accepted):** Consent and date of surgery
 - **Surgery (refused):** Reason for refusal
 - **Epilation:** Trained to epilate & forceps given
 - **Referral:** Reason and location of referral
 - **Other:** Description of other management
 - **No Management:** Reason for no management



Record Evaluation: Action Required

RECORD EVALUATION

< >

For the right eye, what have you recommended to the patient?

- ☒ Surgery (patient accepted)
- ☒ Surgery (patient refused)
- ☐ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management

RECORD EVALUATION

< >

Does the patient consent to have surgery performed on eyes needing surgery?

☐ Yes

☐ No

RECORD EVALUATION

< >

Why did patient refuse surgery?

- ☐ Fear
- ☐ No caretaker for patient
- ☐ No childcare assistance
- ☐ Travel distance
- ☐ Other

Surgery (accepted): Record whether patient accepts to surgery and if surgery will happen today

- If surgery will not happen today, describe why.

Surgery (refused): Record reason for refusal

Questions will be asked for at the end of evaluation, for ANY eyes accepting / refusing surgery



Record Evaluation: Action Required

RECORD EVALUATION

< >

For the right eye, what have you recommended to the patient?

- ☐ Surgery (patient accepted)
- ☐ Surgery (patient refused)
- ☒ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management



RECORD EVALUATION

<

For eyes needing epilation did you:

Train the patient to epilate?

☐ Yes

☐ No

Train a family member to epilate the patient?

☐ Yes

☐ No

Give the patient or family member epilating forceps?

☐ Yes

☐ No

- If epilation was required, record whether patient and/or family were trained to epilate and if epilation forceps were given to patient.*
- Questions will be asked for at the end of evaluation, for ANY eyes needed epilation*



Record Evaluation: Action Required

RECORD EVALUATION

< >

For the right eye, what have you recommended to the patient?

- ☐ Surgery (patient accepted)
- ☐ Surgery (patient refused)
- ☐ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management



RECORD EVALUATION

<

Reason for referral

- ☐ Lower TT
- ☐ <15 years old
- ☐ Recurrent TT
- ☐ Other

RECORD EVALUATION

<

Where was patient referred?

Free response

- *If patient was referred, describe the reason for the referral and to where the patient was referred.*
- *Questions will be asked immediately after EACH eye that is referred.*



Record Evaluation: Action Required

🏠 > RECORD EVALUATION

< >

For the right eye, what have you recommended to the patient?

- ☐ Surgery (patient accepted)
- ☐ Surgery (patient refused)
- ☐ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management

*If patient required **other management**, describe what management was required.*

*If **no management** is required, describe what no management was required.*

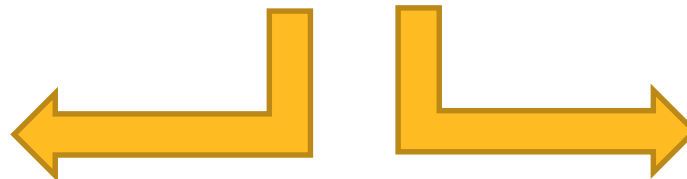
- *This may be due to trichiasis caused by other issues, etc.*

🏠 > RECORD EVALUATION

<

What management was recommended for the right eye?

📘 Free response



Questions will be asked immediately after EACH eye.

🏠 > RECORD EVALUATION

<

Explain why no management was required

📘 Free response



Record Evaluation: Practice

- Use the patient you registered during the Registration practice to create an evaluation for the patient
 - Each person will be given two cards that will determine what action is required for the patient—they will need to create the rest of the evaluation on their own



Patient List

- Use the patient summary list to review the information you just entered for the patient

PATIENT TREATMENT MANAGEMENT			
<input type="text" value="Search"/> <input type="button" value="Q"/>			
ID	NAME	R/L	DSS
AATT20	Ariadna Sani		
AATT25	Ariet Guell	R/-	
AATT19	Elizabeth Sata		

- R/L: Action recommended for each eye
 - S: Surgery
 - E: Epilation
 - R: Referral
 - X: Refusal
- DSS: Days since surgery (after surgery form has been completed)

Case Detail

REG

EVAL

SURGERY

24-HR

7-14 DAY

3-6 MO

LE #
Lashes

5

LE Evid.
Epilation

Yes

LE Prev.
Surgery

No

LE Lower
TT

Yes

LE Action

Surgery Accepted



Record Registration/Evaluation: Practice

- In pairs, complete a combined registration and evaluation form for a new patient.
- Each person in the group should enter one patient from Registration through Evaluation
 - The participant not entering the information is the patient providing the personal information (name, age, etc).
 - The participant entering the information is the surgeon/screener and will assess the patient for the diagnosis.



Record Surgery

TT TRACKER

- Patient Registration
- Patient Treatment Management**
- Due for Day One Follow Up
- Due for 7-14 Day Follow Up
- Due for 3-6 Month Follow Up
- Session Management

PATIENT TREATMENT MANAGEMENT

Search

ID	NAME	R/L	DSS
AATT20	Ariadna Sani	E/-	6
AATT25	Ariet Guell	R/-	
AATT19	Elizabeth Sata	-/S	6

Case Detail

REG EVAL **SURGERY** 24-HR

7-14 DAY 3-6 MO

LE # Lashes	5
LE Evid. Epilation	Yes
LE Prev. Surgery	No
LE Lower TT	Yes
LE Action	Surgery Accepted

ARIET GUELL


- Update Patient Info
- Record Evaluation
- Record Surgery**
- 24 Hour Follow Up
- 7-14 Day Follow Up
- 3-6 Month Follow Up
- Close Out Patient



The process to complete patient forms is the same until form selection is made




Record Surgery

 > RECORD SURGERY

< >

What was the date of the activity?



The default date selected will be the current date. If the operation did not happen on the day the form was completed, select the correct date.



Record Surgery

🏠 > RECORD SURGERY

< >

Surgeon performing the operation

- ☐ Dr Drew Baird
- ☐ Carol Burnett
- ☐ Chris Chross
- ☐ Floyd DeBarbour
- ☐ Dennis Duffy
- ☐ Wesley Snipes
- ☐ Dr Yeugh
- ☐ Unknown / Not listed




- *Record operating surgeon for **ANY/ALL** treated eyes*
- *If surgeon's name is not listed, select Unknown / Not listed and enter Surgeon Name*
- *If surgeon's name is unknown, select Unknown / Not listed and leave surgeon name blank*

Please enter the name of the surgeon. If unknown, leave empty and press next.



Record Surgery

- If eye was not recommended for surgery, a warning message will appear to remind user that eye wasn't recommended/accepted for surgery
- If eye **was** recommended for surgery, TT Tracker will ask to confirm that surgery was done on that eye
- If eye was **NOT** operated, surgical questions for that eye are skipped


 > RECORD SURGERY

< >

Was an operation performed on the right eye?

☐ Yes

☐ No

 > RECORD SURGERY

< >

Left eye was not recommended/accepted for surgery.

Was an operation performed on the left eye?

☐ Yes

☐ No



Record Surgery

🏠 > RECORD SURGERY

< >

Was an operation performed on the right eye?

- ☐ Yes
- ☐ No



🏠 > RECORD SURGERY

< >

On the right upper eyelid, what type of operation was performed?

- ☐ Bilamellar tarsal rotation (clamp)
- ☐ Bilamellar tarsal rotation (no clamp)
- ☐ Trabut (Posterior lamellar tarsal rotation)
- ☐ Tarsal advance and rotation (modified Trabut)
- ☐ Other

If operation was performed on eye, operation type is asked.

- Questions are eye specific
- If "other" is selected, describe the method that was used



Record Surgery

🏠 > RECORD SURGERY



Was the right eyelid margin fragment severed?

☐ Yes

☐ No

Was there excessive bleeding?

☐ Yes

☐ No

Was there any other complication on the right eye?

☐ Yes

☐ No

*For **EACH** operated eye,
document any complications
that occurred during surgery*

Describe other complications





Record Surgery

🏠 > RECORD SURGERY

< >

What material was used for suture for eyes operated on?

- ☐ Absorbable (vicryl)
- ☐ Non-Absorbable (silk)

🏠 > RECORD SURGERY

< >

Was tetracycline eye ointment given?

- ☐ Yes
- ☐ No

Was oral azithromycin given?

- ☐ Yes
- ☐ No

*For **ALL** operated eyes, questions are asked that are relevant to either/both eyes that have been operated.*

- Suture material and antibiotics given are only asked once—after surgery activity has been recorded for either/both eyes operated*



Record Surgery: Practice

- *Each person in the group should complete one of the surgery records for the patient that already evaluated.*
- *Make sure to READ and use the information provided from the evaluation in order to properly document the surgery*
- *When complete, as a group review the information on the Case Summary forms*

Case Detail



REG	EVAL	SURGERY	24-HR	7-14 DAY	3-6 MO
Eyes Operated			-/L		
Eyes Epilated			-/-		
Surgery Date			2018-05-23		
Days Since			6		
LE Operation			Bilamellar tarsal rotation (with clamp)		
LE EMF Severed			No		
LE Bleeding			No		
Suture Used			Absorbable (vicryl)		



Paper to Phone Practice

- *Each person in the group should a paper copy for a patient record.*
- *Once complete, switch with your partner—each partner will use the paper to enter the information into the phone.*
- *The information may be located in a different order.*



Update Patient Forms

🏠 > TT TRACKER

- 📁 Patient Registration
- 📁 Patient Treatment Management
- 📁 Due for Day One Follow Up
- 📁 Due for 7-14 Day Follow Up
- 📁 Due for 3-6 Month Follow Up
- 📁 Session Management

🏠 > ARIET GUELL

- ✎ Update Patient Info
- ✎ Record Evaluation
- ✎ Record Surgery
- ✎ 24 Hour Follow Up
- ✎ 7-14 Day Follow Up
- ✎ 3-6 Month Follow Up
- ✎ Close Out Patient

Most forms completed for a patient can be edited if an error was submitted.

- Patient Info (Registration)
- Evaluation
- Surgery
- Follow-up



Update Patient Forms

🏠 > PATIENT TREATMENT MANAGEMENT

ID	NAME	R/L	DSS
----	------	-----	-----

AATT23	Michael Sana	X/-	
--------	--------------	-----	--

AATT22	Owil Kebede	S/E	28
--------	-------------	-----	----

AATT15	Sample Patient 1	S/-	30
--------	------------------	-----	----


AATT17	Sample Patient 2	R/-	
--------	------------------	-----	--


AATT16	Test Patient 1	-/E	
--------	----------------	-----	--

AATT18	Test Patient 2	redo	16
--------	----------------	------	----


- Select the patient record to be updated
- Select the form to be edited


🏠 > ARIET GUELL


 Update Patient Info


 Record Evaluation

 Record Surgery

 24 Hour Follow Up

 7-14 Day Follow Up

 3-6 Month Follow Up

 Close Out Patient

🏠 > RECORD EVALUATION



This patient has an existing evaluation completed--to update and REPLACE existing information, continue. To complete a new evaluation, create/locate new registration

If a form has already been completed for the patient, a warning message will appear



Update Patient Forms

🏠 > UPDATE PATIENT INFO

< >

Enter patient name

Test Patient 2

🏠 > UPDATE PATIENT INFO

< >

Patient age

65

🏠 > UPDATE PATIENT INFO

< >

Patient home district

☐ Alpha One

☒ Alpha Three

☐ Alpha Two

☐ Unknown

- All information entered previously will be filled in.
- Information can be changed and saved to the record



Update Patient Forms

- If questions result in follow-up questions, the changes made to the form will affect all follow-up questions as well
 - Epilation → trained to epilate?
 - Surgery → patient consent; date of surgery

🏠 > RECORD EVALUATION

How many right upper lid eyelashes touch the eyeball?

- ☐ None
- ☐ 1-2
- ☐ 3-4
- ☒ 5-6
- ☐ 7-9
- ☐ 10+

🏠 > RECORD EVALUATION

For the right eye, what have you recommended to the patient?

- ☒ Surgery (patient accepted)
- ☐ Surgery (patient refused)
- ☐ Epilation
- ☐ Referral
- ☐ Other management
- ☐ No management

🏠 > RECORD EVALUATION



Does the patient consent to have surgery performed on eyes needing surgery?

- ☒ Yes
- ☐ No



Update Patient Forms: Practice

- Each person will be given a problem with a record that they need to fix. Participant must determine the correct form where the information is housed and change the information.
- Discuss as a group how/what each person/pair did correct the form(s)



Record Follow-up

ARIET GUELL

- Update Patient Info
- Record Evaluation
- Record Surgery
- 24 Hour Follow Up**
- 7-14 Day Follow Up
- 3-6 Month Follow Up
- Close Out Patient

24 HOUR FOLLOW UP

7-14 DAY FOLLOW UP

3-6 MONTH FOLLOW UP

07/19/2018

24 HOUR FOLLOW UP

7-14 DAY FOLLOW UP

3-6 MONTH FOLLOW UP

< >

Please enter the name of the location where the followup is taking / took place.

24 HOUR FOLLOW UP

7-14 DAY FOLLOW UP

3-6 MONTH FOLLOW UP

< >

Who is conducting the follow-up?

- ☐ Dr Drew Baird
- ☐ Carol Burnett
- ☐ Chris Chross
- ☐ Floyd DeBarbour
- ☐ Dennis Duffy
- ☐ Wesley Snipes
- ☐ Dr Yeugh

All initial questions for every follow-up timepoint (24-hour, 7-14 day, 3-6 months) are identical



Record Follow-up

🏠 > 24 HOUR FOLLOW UP

< >

Right eye was recommended for surgery.

Looking at the eye, was there surgery performed on the right eye 1-3 days ago?

- ☐ Yes
- ☐ No

🏠 > 24 HOUR FOLLOW UP

< >

How many right upper lid eyelashes touch the eyeball?

- ☐ None
- ☐ 1-2
- ☐ 3-4
- ☐ 5-6
- ☐ 7-9
- ☐ 10+

🏠 > 24 HOUR FOLLOW UP

< >

Is there any sign of bleeding in the right eye?

- ☐ Yes
- ☐ No

Are there any signs of infection in the right eye?

- ☐ Yes
- ☐ No

Is there a lid contour abnormality in the right eye?

- ☐ Yes
- ☐ No

TT Tracker reminds surgeon what was recommended for patient

- If eye was recommended for surgery, message will to confirm scar is consistent with surgery*
- If surgery is confirmed, follow-up questions are asked*
- If surgery is not confirmed, follow-up questions are skipped*



Record Follow-up: 24-hour

🏠 > 24 HOUR FOLLOW UP



Is there under-correction in the right eye?

☐ Yes

☐ No

🏠 > 24 HOUR FOLLOW UP



Is there under-correction in the right eye?

☐ Yes

☒ No



Is there excessive over-correction in the right eye?

☐ Yes

☐ No

🏠 > 24 HOUR FOLLOW UP



Is there under-correction in the right eye?

☐ Yes

☒ No

Is there excessive over-correction in the right eye?

☐ Yes

☒ No

Is there the desired slight overcorrection in the right eye?

☐ Yes

☐ No

Should be yes if done correctly

Follow-up questions will be asked, conditional on the response of the previous question

- If **no undercorrection** is observed, question for excessive overcorrection will be asked.*
- If no excessive overcorrection is observed, question for desired overcorrection will be asked.*



Record Follow-up: 24-hour

🏠 > 24 HOUR FOLLOW UP



What actions were required for right eye?

- ☐ Re-do surgery
- ☐ Epilation
- ☐ Other management
- ☐ No action required

*Actions required are
specific to the eye being
assessed*

24-HOUR FOLLOW-UP PRACTICE



What other action was required for right eye?

🏠 > 24 HOUR FOLLOW UP



Did you inform patient of the 7-14 day follow-up?

🏠 > 24 HOUR FOLLOW UP



COMPLETE >

Additional notes/comments

If no additional comments, select Next



Record Follow-up: 7-14 day

🏠 > 7-14 DAY FOLLOW UP

< >

Right eye was recommended for surgery.

🏠 > 7-14 DAY FOLLOW UP

< >

Right eye was recommended for epilation.

🏠 > 7-14 DAY FOLLOW UP

< >

Right eye was not recommended for surgery or epilation.

TT Tracker will provide a message informing surgeon of the action that was recommended for the action.

- *Though message may appear stating that surgery was **NOT** recommended, surgery question will still be asked to confirm that all information has been recorded accurately.*
- *If **NO** surgery was completed, epilation will be asked.*
- *If surgery **WAS** conducted, epilation questions will be skipped*

Looking at the eye, was there surgery performed on the right eye 7-14 days ago?

☐ Yes

☒ No


Was the right eye epilated 7-14 days ago?

☐ Yes

☐ No




Record Follow-up: 7-14 day

 > 7-14 DAY FOLLOW UP


< >

Right eye was recommended for surgery.

Looking at the eye, was there surgery performed on the right eye 7-14 days ago?

☒ Yes 

☐ No

 > 7-14 DAY FOLLOW UP

< >

How many right upper lid eyelashes touch the eyeball?

☐ None


☐ 1-2

☐ 3-4

☐ 5-6

☐ 7-9

☐ 10+


 > 7-14 DAY FOLLOW UP

< >

Is there granuloma (or several granulomata) of the right upper eyelid?

☐ Yes

☐ No

 > 7-14 DAY FOLLOW UP

< >

Is there a contour abnormality of the right upper eyelid?

☐ Yes

☐ No



Record Follow-up: 7-14 day

🏠 > 7-14 DAY FOLLOW UP

< >

Is there over-correction of the right upper eyelid?

☐ Yes

☐ No

🏠 > 7-14 DAY FOLLOW UP

< >

For the right eye, what actions are required based on the evaluation?

☐ Surgery

☐ Epilation

☐ Referral

☐ Remove sutures

☐ Remove granuloma

☐ Other management

☐ No management

🏠 > 7-14 DAY FOLLOW UP

< >

Is there trichiasis of the right lower eyelid?

☐ Yes

☐ No

< >


What other management is required?

Based on the evaluation, surgeon will select what action is required for that EYE.

- Multiple selections can be made (i.e. "remove sutures" and "remove granuloma" may both be recorded)*



Record Follow-up: 7-14 day

 > 7-14 DAY FOLLOW UP

< >

Right eye was recommended for epilation.

Looking at the eye, was there surgery performed on the right eye 7-14 days ago?

☐ Yes


☒ No

Was the right eye epilated 7-14 days ago?

☐ Yes

☐ No



 > 7-14 DAY FOLLOW UP

< >

How many right upper lid eyelashes touch the eyeball?

☐ None


☐ 1-2

☐ 3-4

☐ 5-6

☐ 7-9

☐ 10+

 > 7-14 DAY FOLLOW UP


< >

Is there evidence of corneal opacity/ulcer(s) in the right eye?

☐ Yes

☐ No

☐ Unclear


 > 7-14 DAY FOLLOW UP

< >

Does the right eye need further action?

☐ Yes

☐ No

 > 7-14 DAY FOLLOW UP

< >

What action is required?

☐ Surgery

☐ Epilation

☐ Referral

☐ Other Management



Record Follow-up: 3-6 month

🏠 > 3-6 MONTH FOLLOW UP

< >

Right eye was recommended for surgery.

Is there a scar consistent with previous operation for right upper lid trichiasis 3-6 months ago?

☒ Yes ✓

☐ No

🏠 > 3-6 MONTH FOLLOW UP

< >

How many lashes?

☐ None

☐ 1-2

☐ 3-4

☐ 5-6

☐ 7-9

☐ 10+

Location of lashes

☐ Inner

☐ Central

☐ Outer

🏠 > 3-6 MONTH FOLLOW UP

< >

Is there granuloma (or several granulomata) of the right upper eyelid?

☐ Yes

☐ No

Was the right granuloma removed?

☐ Yes

☐ No



Record Follow-up: 3-6 month

🏠 > 3-6 MONTH FOLLOW UP



Is there a contour abnormality of the right upper eyelid?

☐ Yes

☐ No

🏠 > 3-6 MONTH FOLLOW UP



Is there over-correction of the right upper eyelid?

☐ Yes

☐ No

🏠 > 3-6 MONTH FOLLOW UP



Is there trichiasis of the right lower eyelid?

☐ Yes

☐ No



Record Follow-up: 3-6 month

🏠 > 3-6 MONTH FOLLOW UP

< >

Are there actions required for right eye based on evaluation?

☐ Yes

☐ No



🏠 > 3-6 MONTH FOLLOW UP

< >

Are there actions required for right eye based on evaluation?

☒ Yes

☐ No



For the right eye, what actions are required based on the evaluation?

☐ Re-do Surgery

☐ Epilation

☐ Referral

☐ Other management

Reason for referral

What other management is required?

*Based on the evaluation, surgeon will select what action is required for that **EYE**.*



Record Follow-up: 3-6 month

🏠 > 3-6 MONTH FOLLOW UP

< >

Are there actions required for right eye based on evaluation?

- ☒ Yes ✓
- ☐ No

For the right eye, what actions are required based on the evaluation?

- ☐ Re-do Surgery
- ☐ Epilation
- ☐ Referral
- ☐ Other management



🏠 > 3-6 MONTH FOLLOW UP

< >

Complete new registration and surgery forms to document on-site re-do surgery.

If a surgery needs to be re-done and will be done on site, a new patient registration and surgery form will be needed.

- This will ensure patient is properly followed up after next surgery.*

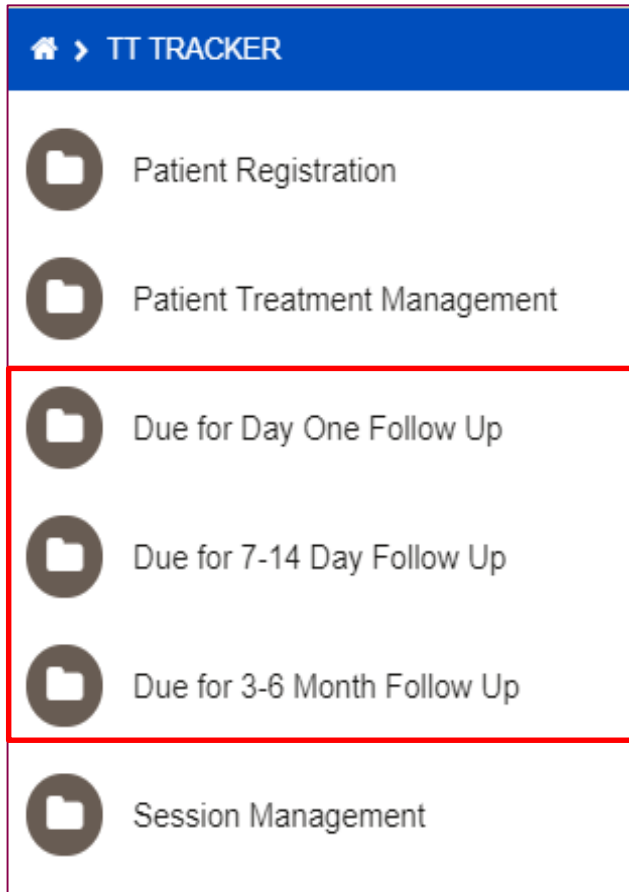


Paper to Phone Practice

- *Each pair should complete the relevant registration and evaluation information.*
- *Forms will be exchanged and pairs will enter the information completed by another group.*
- *Once completed, phones will be synced (or exchanged if no network) and the surgery form should be completed*
 - *Participants should REVIEW the evaluation information entered in order to correctly complete the surgery information.*
- *Once Surgery form is completed, phones will be synced (or exchanged if no network) and the 24-hour AND 7-14 day follow-up forms should be completed*
 - *Participants should REVIEW the evaluation and surgery information*
- *Once 24-hour and 7-14 day follow-up forms are completed, phones will be synced (or exchanged if no network) and the 3-6 month follow-up form should be completed*



Due for Follow-up



If patients are due for a follow-up, they will appear on one of 3 lists:

- Due for Day one Follow Up
- Due for 7-14 Day Follow Up
- Due for 3-6 Month Follow Up

Based on the “Due for follow-up” list selected, that related follow-up form will appear after selecting the patient to follow-up.

If a patient is due for follow-up but does not appear on the list, access the correct follow-up form from the Patient Treatment Management menu



Registration Special Cases



Patient Registration: Temporary Session

🏠 > PATIENT REGISTRATION



ID

SITE

AA-CR-5 September Static Site Beta One

AA-CR-6 Test Site Beta

AA-TT-10 Sample Session A

AA-TT-11 Temporary Session

AA-TT-13 Beta Primary School

🏠 > TEMPORARY SESSION



You've selected a temporary session. If the patient's session name or ID is known, enter it here.

 Free response

If the correct Session cannot be found, register patient to Temporary Session. If Session where patient should be REASSIGNED is known, include it on the form.



Patient Registration: Register Patient with ID

🏠 > SAMPLE SESSION A



Does patient already have a Patient ID?

☐ Yes

☐ No



- **Yes:** *If a patient has an existing ID from a previous treatment, it can be manually entered and used to link the different treatments for the patient so all records can be visible in a list*
 - *Demographic information may also be copied to save time*



Patient Registration: Register Patient with ID

HOME > SAMPLE SESSION A

< >

Does patient already have a Patient ID?

☒ Yes ✓

☐ No

Enter Patient ID

AATT15|

MUST BE ALL CAPITALIZED

< >

Look Up Patient ID
AATT15?

☐ Yes

HOME > SAMPLE SESSION A


< >

- Patient ID: **AATT15**
- Name: **Sample Patient 1**
- Age: **34**
- Sex: **female**
- Village: ********
- District: **Alpha One**

This patient registration information was found for patient ID entered; is this the patient information you would like to use to add another surgical intervention?

☐ Yes

☐ No



If a patient has an existing ID, enter the ID (in all caps) in the space provided

- If the correct patient information is found, the demographic information can be copied for the **new evaluation**
- Make sure to **REVIEW** the information



Patient Registration: Register Patient with ID

🏠 > SAMPLE SESSION A

< >

Does patient already have a Patient ID?

☒ Yes

☐ No

Enter Patient ID

AABB11|



🏠 > SAMPLE SESSION A

< >

Patient information was not located, you must complete a new patient registration. Would you like to use the patient id **AABB11** to re-register an existing patient?

☐ Yes

☐ No

Additional notes/comments
If no additional comments, select Next

- *If patient information is not found, a new Patient ID will be randomly assigned and all registration information must be entered again*
- *The existing Patient ID can be entered into the Notes so Data Manager can modify patient records (if possible)*



Special Case Patient Registration

- *Patient Returning within 6 months for another treatment*
 - *Imagine patient [_____] has come back for a new surgery.*
 - *Register the patient again. The Patient is supposed to be registered to Session [-----].*
- *Patient Returning one year later for another treatment*
 - *Imagine patient [_____] has come back for a new surgery.*
 - *Register the patient again. The Patient is supposed to be registered to Session [-----].*



Group Work

- Discuss as a group about how the patient moves through the camp when they conduct outreach and who completes what information.
- Based on the feedback, in small groups, each person should complete the assigned activities in the camp
 - E.g.: Group member 1 completes the registration information. Group member 2 assesses the patient and completes the screening information. Group member “conducts” the surgery and completes the surgery form.
- Discuss how phones should be used in the field

Questions and discussion

