

## **LOT QUALITY ASSURANCE SAMPLING (LQAS)**

Lot Quality Assurance Sampling (LQAS) is a rapid survey method to assess the quality of vaccination coverage following supplementary immunization activities in pre-defined areas such as a district using a small sample size (lots).

### **eLQAS**

eLQAS is an electronic version of LQAS that uses phones and tablets to improve LQAS on paper. eLQAS enables real time results, increased data quality, improved accountability, easier implementation, and support for multiple languages.

### **Objectives of eLQAS**

- The objective of a clustered-LQAS survey in the Pakistan Polio Programme is to determine whether the vaccination programme has achieved the desired level of performance in a given area (lot) in order to take *corrective measures* when needed.
- The objective is **NOT** to provide coverage estimates OR to be used as a tool to punish anyone from the programme

### **What eLQAS Shows?**

eLQAS will provide:

- A classification of a UC as PASS or FAIL based on pre-defined vaccination coverage assumptions  
Good / Needs Improvement / Problems Exist / Serious Problems Exist; are used to highlight the extent of the issues
- Information to highlight the need for an investigation to determine if a mop-up is necessary

### **What eLQAS does not Show?**

- Estimation of Vaccination Coverage
- Information about factors associated with coverage
- Quality of the individual team

### **NID Campaign 2018**

The NID Campaign was planned and implemented from 15<sup>th</sup>-18<sup>th</sup> January in all the 19 Union Councils of the District.

## Union Council Dallan

Union Council Dallan is one of the administrative units of District Hangu and is located in Tehsil Thall. The said UC shares its borders with Karak.

The health services are provided by its 2 Health Facility, BHU Dallan and BHU Mianjee Khail.

### UC Polio Profile

For polio operational activities, the UC Dallan is divided into 2 UPEC Chairmen

1. BHU Dallan, UPEC Chairmen Dr. Wahid Gul
2. Mr. Munawar Shah EPI technician Area Incharge
3. Mr. Ihsan EPI Technician Area Incharge
4. Mr. Mamoon Class IV Area Incharge
5. UC Secretary Musarrat
6. TTM Mr. Shah Jee Rehman
7. UCPO Mr. Gohar

Total Mobile team = 12

Transit Team = 1

Fix Team = 1

Govt Accountable = 6 Mobile teams

Mobile team 1: Mr. Naseeb vol, Mr. Ihsan ud din vol

Mobile team 2: Mr. Abdulwahab vol, Mr. Muhammed Nisar vol

**Mobile team 3: Mr. Ala din PST, Mr. Saifullah vol**

Area incharge: Mr. Ihsan EPI tech

Mobile team 1: Mr. Muhammed Nawaz vol, Mr. M. Ishaq vol

Mobile team 2: Mr. Rehan vol, Mr. Mohib ullah vol

Mobile team 3: Mr. Akhter wali vol, Mr. Irfan vol

Mobile team 4: Mr. Ilauddin Vol, Mr. Zahir Khan Vol

Area incharge: Mr. Munawer AIC EPI

**Mobile team 1: Miss Rubina PST, Mr. Fayaz vol**

**Mobile team 2: Miss. Tasleem PST, Mr. Mujeeb Class IV**

**Mobile team 3: Mr. Ilyas class IV Health, Miss. Arjumand PST**

**Mobile team 4: Mr. Saeed Khan PST, Miss. Musarrat PST**

**Mobile team 5: Miss Najma LHW, Mr. Shoaib Saqib vol**

Fix team: Mr. Hameed ullah class IV

Transit team: Mr. Hashmat vol, Mr. Shareef Khan PST

Area incharge: Mr. Mamoon AIC Health

Roaming team: Mr. Asmat MT

Miss. Saima LHV

But there is no roaming team allocated to UC Dallan.

### **BHU Mianjeekhail UC Profile**

1. BHU Mianjeekhail Dr. Sajjad gul UPEC Chairmen
2. Mr. Sohail Nadeem EPI technician Area Incharge (3 Mobile teams, 1 Fix team)
3. Mr. Shams ul haq MT Area incharge (3 Mobile teams, 1 Transit team)
4. Mr. wali rehman PST Area incharge (3 mobile teams)
5. Mr. Ikram ullah TTM WHO (Mr. Shams ul Haq AIC)
6. Mr. Asif ur rehman TTM WHO

Mobile Teams = 9

Transit Team = 1

Fix Team = 1

Govt Accountable = 8

**Mobile team 1: LHV Naheedkausar, Mr. Islam ward orderly**

**Mobile team 2: Mr. Khalid PST, Mr. Bilal Volunteer**

**Mobile team 3: Mr. Naser TT, Mr. Sajjad PST**

Fix team: Mr. Rashid chowkidaar BHU

Area incharge: Mr. Sohail Nadeem

**Mobile team 1: Mr. Shahbaz PST, Mr. Burhan Uddin Vol**

Mobile team 2: Mr. Aleem ullah Vol, Abdur rehman vol

**Mobile team 3: Mr. Rauf EPI Tech, Mr. Ali bat khan Beheshti BHU**

**Transit team: Mr. Gul Manawer CT, mirazam Khan vol**

Area Incharge: Mr. Shamsulhaq

**Mobile team 1: Mr. Rasool Jan PST, Mr. Vol**

**Mobile team 2: Mr. Junaid DM, Hameed khan vol**

Mobile team 3: Mr. sehullah Vol, Mr. Haroon vol (Mr. Gul Nawaz PST)

Area Incharge: Mr. Wali rehman AIC

For Inquiry purpose, the Dr. Ahmed Ameen, Dr. Bashir, DSV Haji abdur rehman get TTM cluster from data TTM Mr. Abdulhaq while Mr. Gohar UCPO cluster till date not submitted, the members visited the said union council. Before going the said UC, DPCR focal person Mr. abdur rehman inform UPEC Dallan Dr. Wahid to call all his UC staff for conducting inquiry and provide all relevant documents. The members reached BHU Dallan 11.40 Am and found following uc staff absent at BHU Dallan.

1. Dr. Wahid gul UPEC Chairmen Dallan
2. Mr. Munawer shah EPI Technician AIC Dallan
3. Mr. Mamoon AIC Dallan

4. Mr. Gohar shah UCPO Dallan.
5. Mr. Asmat MT dallan

Later on, on way Dr. Wahid gul along with Mr. Asmat accompanied the inquiry members. The telesheet provided by all AIC except:

1. Mr. Mamoon AIC Dallan 05 mobile teams, 1 transit team, 1 fix team not submitted till date.
2. Mr. Ihsan ullah AIC 1 team 04 days telly sheet not submitted till date.
3. Mr. Sohail Nadeem AIC Mianjeekhail 1 team 04 days telly sheet not submitted till date.

#### Field Observation:

1. Area Gandeerikhunkay point, checked various houses. House #8, Team 1, wall chalking 3/3 while in house 4 children found.

1. Alima 8 months d/o shakeel not vaccinated and were missed
2. Maryam d/o Rizwan
3. Fatima d/o Shakeel
4. Mubasher s/o shakeel

On parental recall, the parents inform us that team give us vaccine vials and markers for vaccination our child inside home.

House # 13 Team 1, previous campaign door marking was available but the current campaign door marking not observed. The parents and UPEC claim that door marking may be removed by children. In the said house two children were missed and these were the children that were also noted by the LQAS officer.

The near by houses were checked and found haphazard wall chalking.

2. Area Mianjee Khail was also checked with haphazard door marking and no team arrows clear indications.
3. Area gandeerikaapokaly checked and found poor door marking.

On tellysheet analysis the following observations was noted:

1. Dr. Sajjad gul UPEC Mianjeekhail only checked 2 teams tally sheet: team 3, day 3<sup>rd</sup>, team 1, day 2<sup>nd</sup>
1. Dr. Wahid gul UPEC Dallan no tally sheet checked on available tally sheets.
2. Lack of observation and tally sheet analysis by UC supervisor's team.
3. The said all UC staff was already warned on failure of LQAS during SNID October 2017.
4. All The UC staff involved in match fixing on their duties.
5. The ICM, PCA data of last three campaign shows "0" No team reported by WHO staff.
6. DPMT Nasir shah reported 05 no teams during his visit on 3<sup>rd</sup> day during SNID December 2017 campaign along with one area missing.
7. No vaccine analysis on tally sheet observed.
8. No zero dose recording except two teams on tally sheet.

Dr. Ahmed Ameen NSOP Officer Hangu  
Dr. Bashir Ahmed NP Coordinator  
DSV Mr. Abdur rehman.

