



EMOCHA:
PROMOTING
ADHERENCE AND
SURVEILLANCE

LOUISE MCNITT, MD, MPH

CONTRA COSTA COMMUNICABLE DISEASE PROGRAMS

CACDC ANNUAL MEETING

OCTOBER, 2019



DISCLOSURE STATEMENT

- None

OUTLINE

- Using emocha for vDOT for TB patients
- Using emocha (theoretically) for measles contacts

WHAT THE PATIENT DOES

- Meets criteria for inclusion in vDOT program
 - At least 5 days of tx with adherence and no ADRs
 - Stably housed
 - Motivation, acceptance/understanding of dx
 - Able to prepare and recognize medications
 - Able to navigate the eMocha app
- Access to internet or data
- Download app on smartphone



Welcome to emocha!

This application will allow
you to video record
yourself taking your
tuberculosis medication
daily at your convenience.

If you experience any
problems, please contact
us at:

NEXT

Are you
experiencing any
symptoms or side e

YES

NO

BACK

NEXT

Are you
experiencing any
symptoms or side e

Nausea

Vomiting

Rash

Itching

Abdominal

BACK

NEXT

You've reported
side effects or
symptoms. Do not t

Please contact your Care Team.

📞 925-313-6740

BACK

DONE

Are you
experiencing any
symptoms or side e

YES

NO

BACK

NEXT

October 15, 2019

Today's
medication:

Rifampin (600 mg)

Isoniazid (300 mg)

Pyrazinamide
(1500 mg)

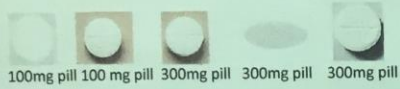
Ethambutol
(1200 mg)

R6 (50 mg)

BACK

NEXT

ISONIAZID (INH)



RIFAPENTINE



LEVOFLOXACIN



RIFAMPIN



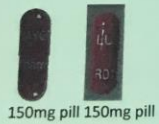
PYRAZINAMIDE (PZA)



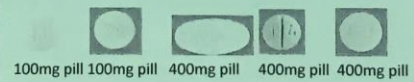
B-6



RIFABUTIN



ETHAMBUTOL





Press record
when ready





Great job!
All videos have been
submitted!

[View Progress](#)

[Back Home](#)

WHAT TB PROGRAM DOES

- Online interface: <https://platform.emocha.com/login>
- Views videos and accepts or not
- Sets notifications

< 2 +1 (925) 202-2253 >

Please remember to take your medication.

Sunday 7:54 PM

Please remember to take your medication.

Yesterday 10:59 AM

Please remember to take your medication.

Yesterday 7:54 PM

Please remember to take your medication.



Text Message





VIDEO DOT



OUTBREAK SYMPTOMS
MONITORING



NEW FEATURES



ALL PATIENTS

- Needs Review
- Accepted
- Rejected
- Pending
- Paused
- Missed
- In Person
- In Field
- In Clinic
- Livestream Video

NAME	CHECKIN	SUBMITTED	PATIENT REPORTED	FLAGGED	COMMENT	PROGRESS	ADHERENCE	REVIEWED
[REDACTED]	✓	10/15/19 5:51 am				72/420	73% 72/99	Maribel Oct 15th, 2019 5:59 am PDT
[REDACTED]	?	10/15/19 8:18 am				33/364	94% 33/35	
[REDACTED]	?	10/15/19 7:16 am				29/364	97% 29/30	
[REDACTED]	?	10/15/19 11:06 am				21/252	81% 21/26	
[REDACTED]	?	10/15/19 10:15 am				13/266	93% 13/14	
[REDACTED]	✓	10/14/19 7:50 pm				324/364	97% 324/335	Maribel Oct 15th, 2019 6:00 am PDT
[REDACTED]	✓	10/14/19 6:45 pm				161/364	92% 161/175	Maribel Oct 15th, 2019 6:01 am PDT

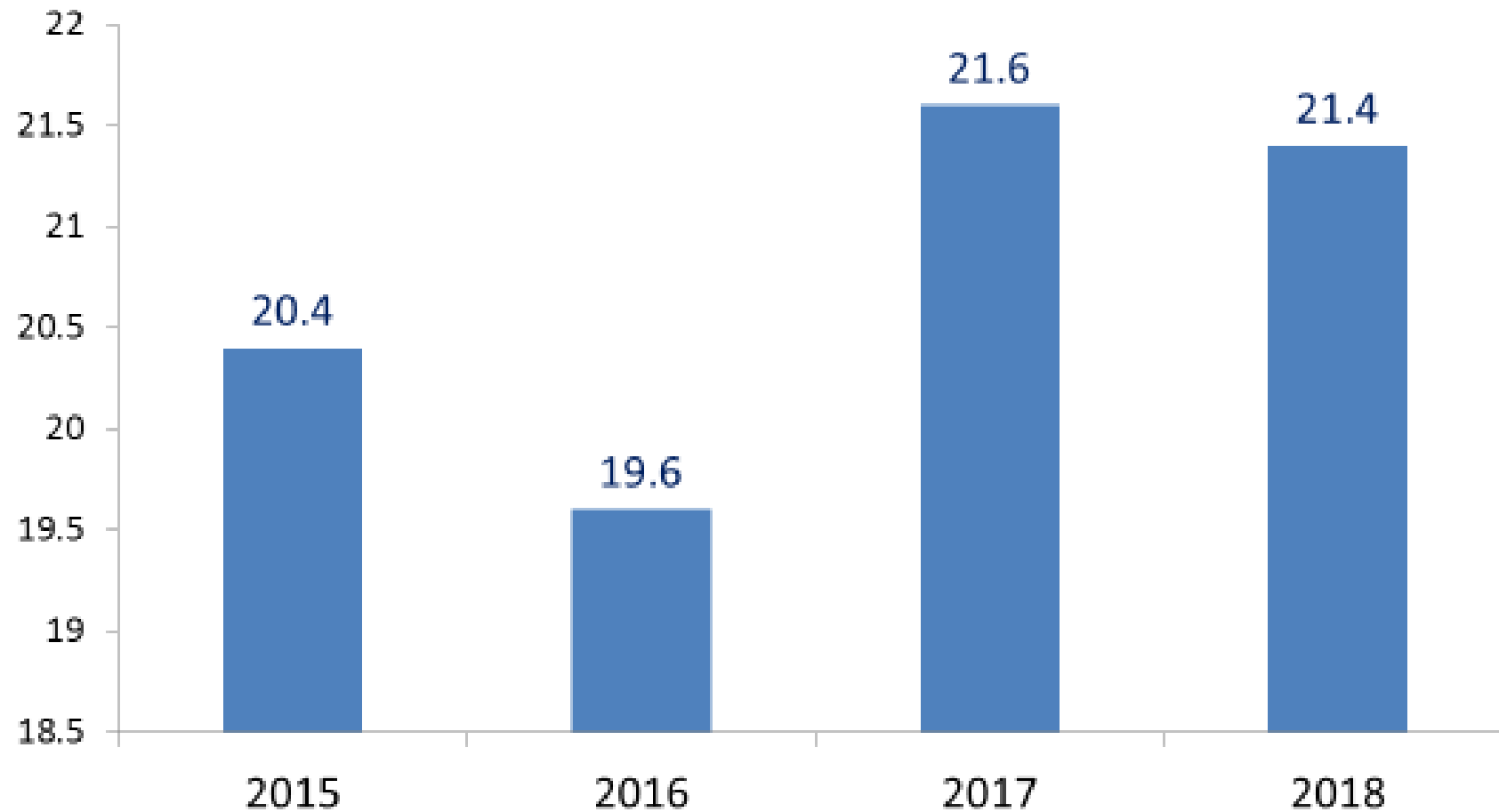
VIDEO

<https://platform.emocha.com/login>

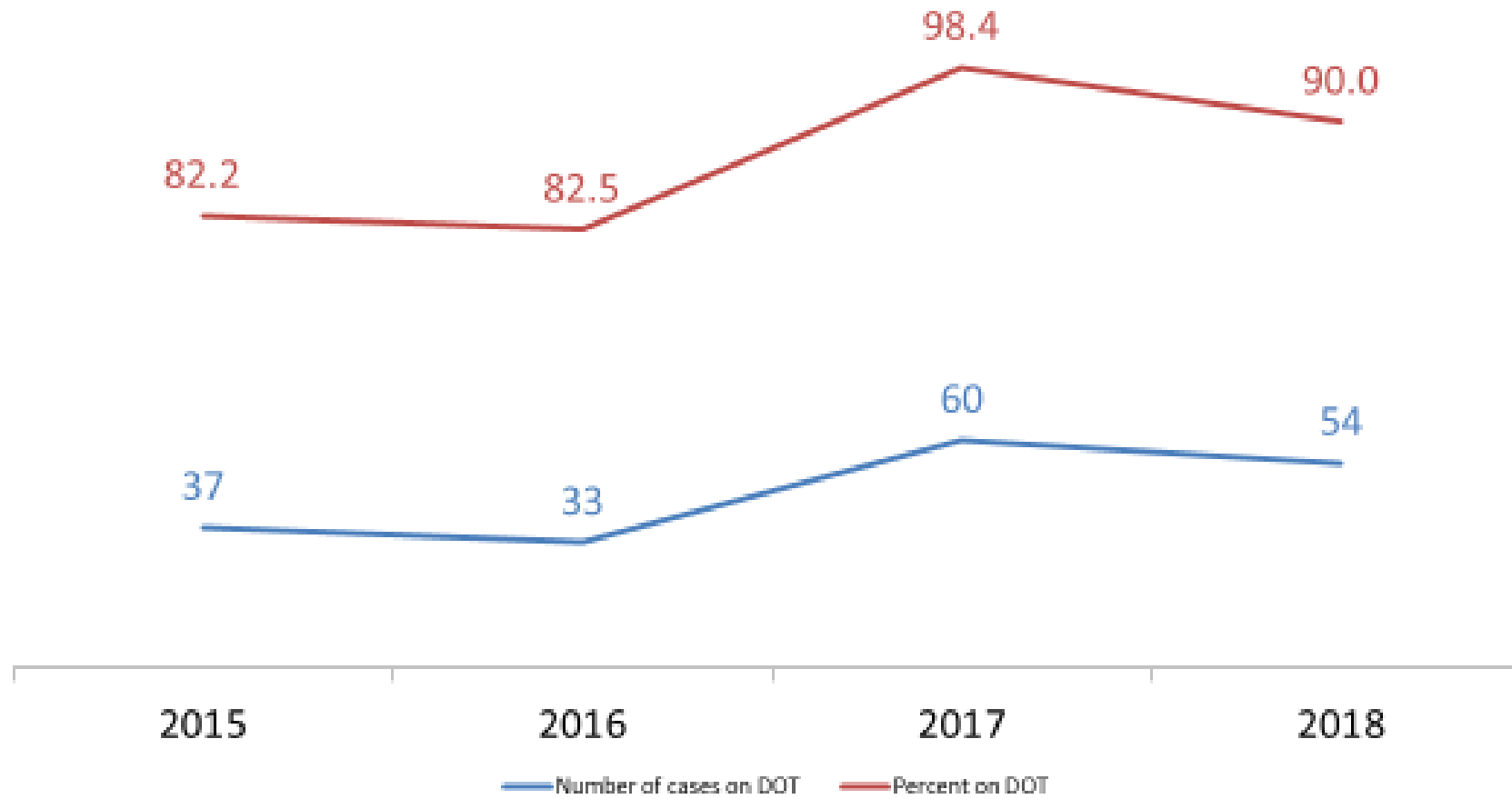
PROGRAM OUTCOMES



Average Weeks of Directly Observed Therapy (DOT)



Number and Percent of TB Cases on DOT



*2018: Three persons still on treatment and not included in calculations.

EMOCHA FOR MEASLES SURVEILLANCE

- Symptom screen
 - Fever
 - Rash
 - Cough
 - Coryza
 - Conjunctivitis
- If symptoms present – pt message to call CD Program
- CD Program staff review pt profile daily through online portal
- No opportunity to implement as no measles cases in CCC



VIDEO DOT



OUTBREAK SYMPTOMS
MONITORING



NEW FEATURES





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- Paused
- Missed
- In Person
- In Field
- In Clinic
- Livestream Video

NAME	CHECKIN	SUBMITTED	SYMPTOMS	FLAG	COMMENT	PROGRESS	ADHERENCE	DISEASE
emocha, Test		9/17/18 11:59 pm					4% 1/27	Measles
Client, Test		9/17/18 11:59 pm					5% 1/20	Measles
emocha, Test		9/16/18 11:59 pm					4% 1/26	Measles
Client, Test		9/16/18 11:59 pm					5% 1/19	Measles
emocha, Test		9/15/18 11:59 pm					4% 1/25	Measles
Client, Test		9/15/18 11:59 pm					6% 1/18	Measles
emocha, Test		9/14/18 11:59 pm					4% 1/24	Measles

	NAME	CHE	PROGRESS	ADHERENCE	DISEASE
emocha, Test				4% 1/27	Measles
Client, Test				5% 1/20	Measles
emocha, Test				4% 1/26	Measles
Client, Test			9/16/18 11:59 pm	5% 1/19	Measles
emocha, Test			9/15/18 11:59 pm	4% 1/25	Measles
Client, Test			9/15/18 11:59 pm	6% 1/18	Measles
emocha, Test			9/14/18 11:59 pm	4% 1/24	Measles

EMOCHA, TEST

Missed Submission. Patient did not complete a submission by September 17, 2018 at 11:59 PM PDT. If a patient is offline and did complete a submission in offline mode, this submission will automatically update with data when the patient goes back online.

Checkin Date:
September 17, 2018 (PM Checkin)

Disease:
Measles

Submission Status:
Missed

Phase Name:
Monitoring from August 22, 2018

FLAG

ADD COMMENT

SEND SMS MESSAGE

QUESTIONS?

Special thanks to Laurie Crider, TB Program Manager