



# Community Engagement in Evaluating Effectiveness of Dissemination and Implementation Projects: The mAb Colorado Project

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Bethany M. Kwan, PhD, MSPH

Associate Professor and Associate Vice Chair for Research,  
Department of Emergency Medicine, University of Colorado  
School of Medicine

Director of Dissemination & Implementation Research,  
Colorado Clinical & Translational Sciences Institute





University of Colorado **Anschutz Medical Campus**

**NIH** National Center  
for Advancing  
Translational Sciences

**NIH** National Institutes of Health  
*Turning Discovery Into Health*

# mAb Colorado

Implementation and Real-world Effectiveness of Monoclonal Antibodies for High-Risk Outpatients with  
COVID-19





# Colorado Clinical and Translational Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS

## mAb Colorado team

- Principal Investigators
  - Adit Ginde, MD, MPH
  - Ron Sokol, MD (CCTSI PI)
- Dissemination and Implementation Lead
  - Bethany Kwan, PhD, MSPH
- Clinical Lead
  - Matt Wynia, MD, MPH
- Informatics Lead
  - Tellen Bennett, MD, MS
- Biostatistics Lead
  - Nichole Carlson, PhD
- Administrative Lead
  - Tim Lockie, MS, MBA



# mAb Colorado Specific Aims

## Dissemination, Implementation, and Real-World Effectiveness of Neutralizing Monoclonal Antibody Therapy for COVID-19

### Using a type 2 hybrid implementation-effectiveness design:

- Aim 1: Assess barriers and facilitators to use of mAbs statewide, based on diffusion of innovations theory
- Aim 2: Develop, implement, and evaluate innovative strategies statewide to optimize equitable mAb access
- Aim 3: Determine the real-world effectiveness and safety of mAb treatment in high-risk COVID-19 outpatients

### Goals

- Develop scalable infrastructure for real-time, implementation and real-world effectiveness data for mAb treatment
- Help policymakers, clinicians, and patients manage issues of uncertainty, risk, urgency, equity, and resource limitation
- Create a model for rapidly generating high quality real-world evidence in infectious disease pandemics and other future public health emergencies

# Context: Press Releases, Early Results and EUAs

## REGENERON

September 16, 2020

Regeneron's COVID-19 Outpatient Trial Prospectively Demonstrates that REGN-COV2 Antibody Cocktail Significantly Reduced Virus Levels and Need for Further Medical Attention

October 28, 2020

ORIGINAL ARTICLE

SARS-CoV-2 Neutralizing Antibody  
LY-CoV555 in Outpatients with Covid-19

Peter Chen, M.D., Ajay Nirula, M.D., Ph.D., Barry Heller, M.D.,

October 28, 2020 (n=452)

FDA NEWS RELEASE

**Coronavirus (COVID-19) Update: FDA  
Authorizes Monoclonal Antibodies for  
Treatment of COVID-19**

November 21, 2020

The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

REGN-COV2, a Neutralizing Antibody  
Cocktail, in Outpatients with Covid-19

D.M. Weinreich, S. Sivapalasingam, T. Norton, S. Ali, H. Gao, R. Bhore,

December 17, 2020 (n=275)

FDA NEWS RELEASE

**Coronavirus (COVID-19) Update: FDA  
Authorizes Monoclonal Antibody for  
Treatment of COVID-19**

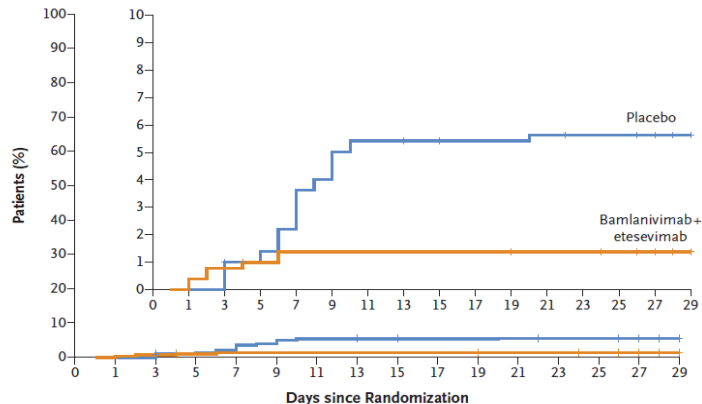
November 9, 2020

ORIGINAL ARTICLE

July 14, 2021

## Bamlanivimab plus Etesevimab in Mild or Moderate Covid-19

M. Dougan, A. Nirula, M. Azizad, B. Mocherla, R.L. Gottlieb, P. Chen, C. Hebert,



| No. at Risk             | 0   | 1   | 3   | 5   | 7   | 9   | 11  | 13  | 15  | 17  | 19  | 21  | 23  | 25  | 27  | 29 |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Placebo                 | 499 | 493 | 490 | 479 | 472 | 470 | 469 | 468 | 468 | 468 | 467 | 465 | 465 | 436 | 159 |    |
| Bamlanivimab+etesevimab | 506 | 504 | 502 | 500 | 500 | 500 | 500 | 500 | 500 | 499 | 499 | 499 | 498 | 459 | 149 |    |

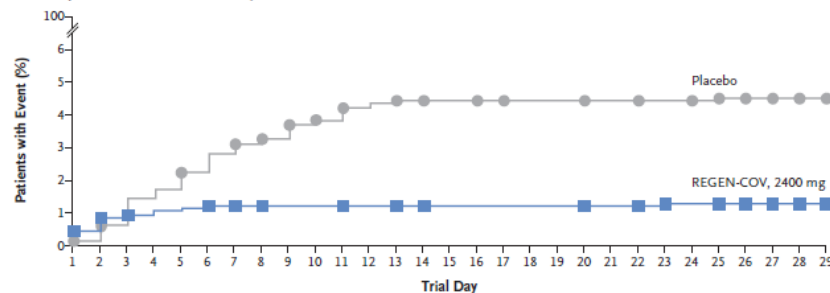
ORIGINAL ARTICLE

September 29, 2021

## REGEN-COV Antibody Combination and Outcomes in Outpatients with Covid-19

D.M. Weinreich, S. Sivapalasingam, T. Norton, S. Ali, H. Gao, R. Bhore, J. Xiao,

B Covid-19–Related Hospitalization or Death from Any Cause — Combined Phase 3 Trial



| No. at Risk        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Placebo            | 1341 | 1330 | 1315 | 1298 | 1287 | 1275 | 1265 | 1260 | 1259 | 1258 | 1257 | 1242 | 1241 | 1211 | 1052 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| REGEN-COV, 2400 mg | 1355 | 1339 | 1335 | 1332 | 1329 | 1329 | 1327 | 1324 | 1324 | 1324 | 1323 | 1316 | 1314 | 1292 | 1113 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

ORIGINAL ARTICLE

October 27, 2021

## Early Treatment for Covid-19 with SARS-CoV-2 Neutralizing Antibody Sotrovimab

Anil Gupta, M.D., Yaneicy Gonzalez-Rojas, M.D., Erick Juarez, M.D.,

| Outcome  | Sotrovimab (N = 291) | Placebo (N = 292) |
|--|----------------------|-------------------|
| <b>Primary outcome</b>   |                      |                   |
| Hospitalization for >24 hr for any cause or death from any cause — no. (%) | 3 (1)                | 21 (7)            |
| Hospitalization for >24 hr for any cause                                   | 3 (1)                | 21 (7)            |
| Death from any cause   | 0                    | 1 (<1)†           |
| Severe or critical progression — no. (%)‡†                                 | 2 (<1)               | 19 (7)            |
| Low-flow nasal cannula or face mask  | 2 (<1)               | 11 (4)            |
| Nonbreather mask, high-flow nasal cannula, or noninvasive ventilation      | 0                    | 5 (2)             |
| Invasive mechanical ventilation  | 0                    | 2 (<1)            |
| Death from any cause   | 0                    | 1 (<1)            |
| Admission to ICU for any cause — no. (%)                                   | 0                    | 5 (2)             |

This PDF is available at <http://nap.nationalacademies.org/26063>



## Rapid Expert Consultation on Allocating COVID-19 Monoclonal Antibody Therapies and Other Novel Therapeutics (January 29, 2021) (2021)

### DETAILS

34 pages | 8.5 x 11 | PDF

ISBN 978-0-309-27008-3 | DOI 10.17226/26063

## Proposed factors related to low utilization of COVID-19 mAbs

- Lack of awareness, interest, confidence in therapies among patients and providers
- Lack of interest/ability/resources to travel to treatment sites
- Requirement to defer vaccination
- Lack of access to health care
- Out of pocket costs
- Seeking treatment too late

National Academies of Sciences, Engineering, and Medicine. 2021. *Rapid Expert Consultation on Allocating COVID-19 Monoclonal Antibody*

*Therapies and Other Novel Therapeutics (January 29, 2021)*. Washington, DC: The National Academies Press.

# Dissemination & Implementation Aims

Aim 1: Assess barriers and facilitators to use of MAbs statewide, based on diffusion of innovations theory

- Qualitative and quantitative methods (surveys, focus groups, key informant interviews)

Aim 2: Develop, implement, and evaluate statewide strategies to optimize equitable MAb access

- Engage patient, provider, system stakeholders in co-design and rapid prototyping for effective implementation of nMAb treatment of high-risk outpatients with COVID-19.
- Evaluate impact of D&I activities using real-world data sources

# Dissemination and Implementation Methods

## Dissemination and implementation strategies

- Stakeholder advisory panel
- Community engagement studios
- Community messaging and materials
- Implementation blueprint & provider referral checklist

## Assessing barriers and facilitators to equitable mAb access

- Surveys and interviews with clinicians
- Surveys and focus groups with community members

## Packaging and distribution

- CCTSI Dissemination service: Graphic design, media strategy, distribution plan
- Regional Health Connectors: distribution of messages and materials to regional contacts
- Practice-Based Research Networks: distribution to rural practices
- mAb Colorado project website

# mAb Stakeholder Advisory Panel

SAP Kick Off Meeting\_2021\_0421



# Community and Partner Perspectives on Impact

- Equitable access to care
  - Rural areas
  - Racial and ethnic minorities
    - Hispanic/Latino
      - Spanish-speaking communities
    - Native American
  - People who were uninsured/underinsured
  - Undocumented
  - People who are homeless

**I've just been diagnosed with Covid-19, where can I get the Covid-19 Monoclonal Antibodies to help speed my recovery?**

**DENVER NATIVE AMERICANS**  
visit [www.dhfs.org/resources](http://www.dhfs.org/resources) or scan this QR code to find an interactive map of resources for our homeless relatives and families who need some support.

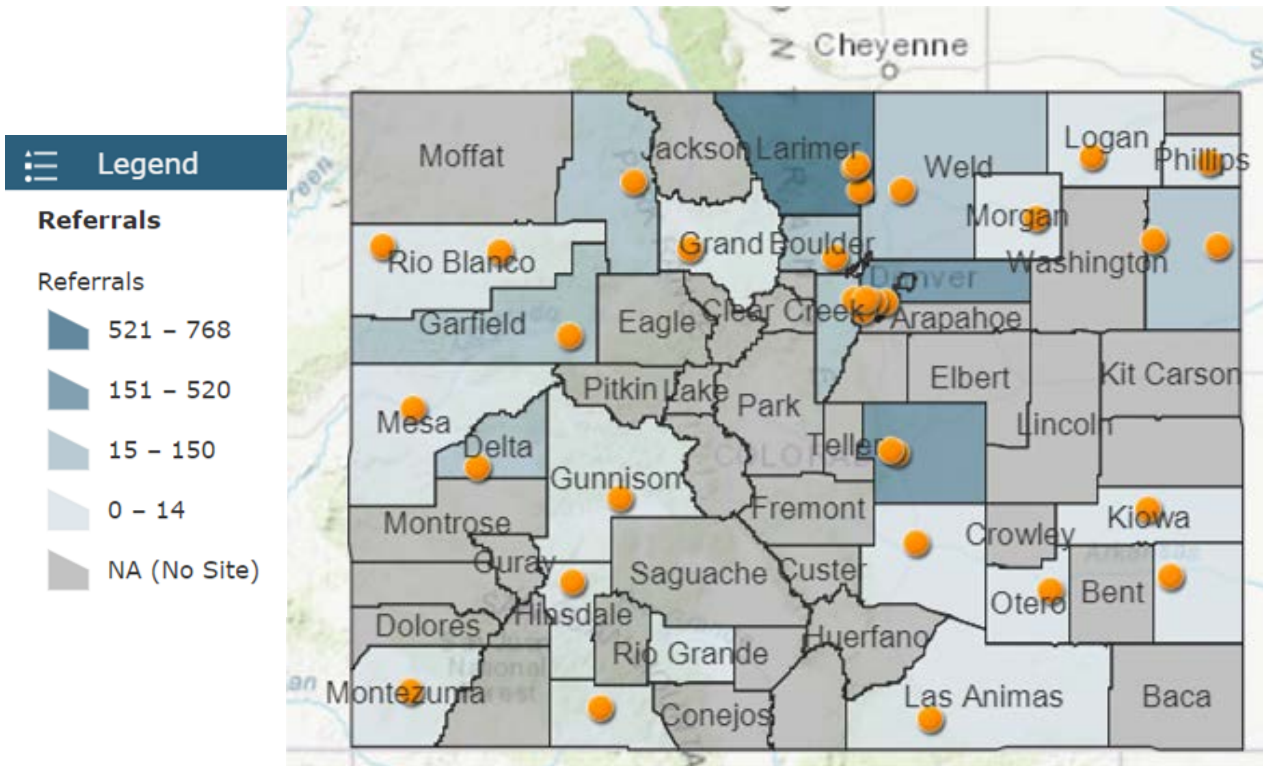
The map includes resources such as food banks, medical services, and diaper banks.

The map also shows the location of where those who have been diagnosed with COVID-19 can receive monoclonal antibody (mAb) treatment. For more information on monoclonal antibody treatment visit [www.mabcolorado.org](http://www.mabcolorado.org)

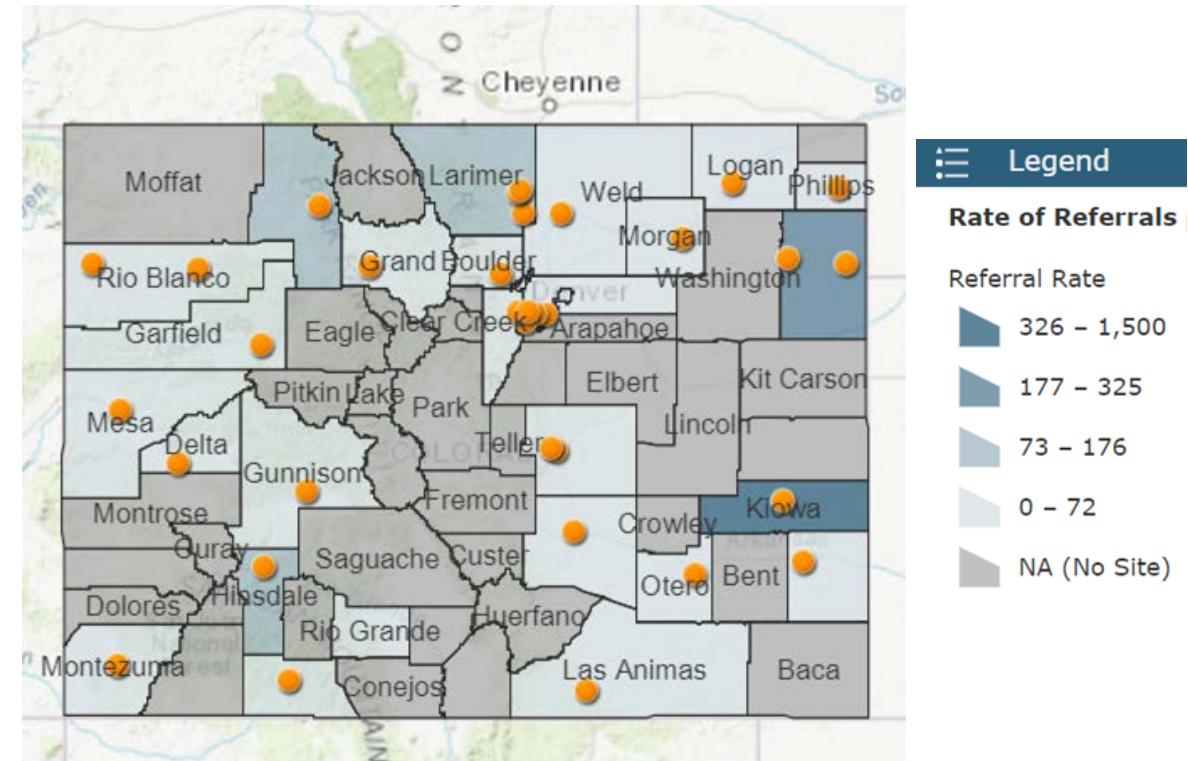
**SCAN HERE.**

**DENVER INDIAN HEALTH AND FAMILY SERVICES**  
**Urban Indian Health Institute**  
A Division of the Denver Indian Health Board  
**PROJECT MOSAIC**  
**mAb Colorado**

# Summer 2021: use of mAbs in Colorado



Total referrals as of 7/31/21



Referrals per 1000 cases as of 7/31/21

# Systems and Processes for Outreach and Access to Care



Describe the range of systems and processes for outreach and accessing treatment



Focus on equity



Coordination with Colorado Department of Public Health & Environment

Messaging

Tracking mAb utilization



UCHealth Virtual Health Center (VHC)

Centralization benefits

Acceptance of orders from VHC providers



# COLORADO

## Department of Public Health & Environment

AAA  
[Grid icon]

### COVID-19 Monoclonal Antibody Connector Tool

If you have more than one patient to submit for the medication, each time you submit the COVID-19 Monoclonal Antibody Connector Form you will be given the opportunity to **download a PDF** of the data you provided. For confidentiality reasons we are unable to send the PDF via email.

Please note that once you submit a form you cannot return to edit it. **Do not use your browser's back button as this will require you to start over with the public link.**

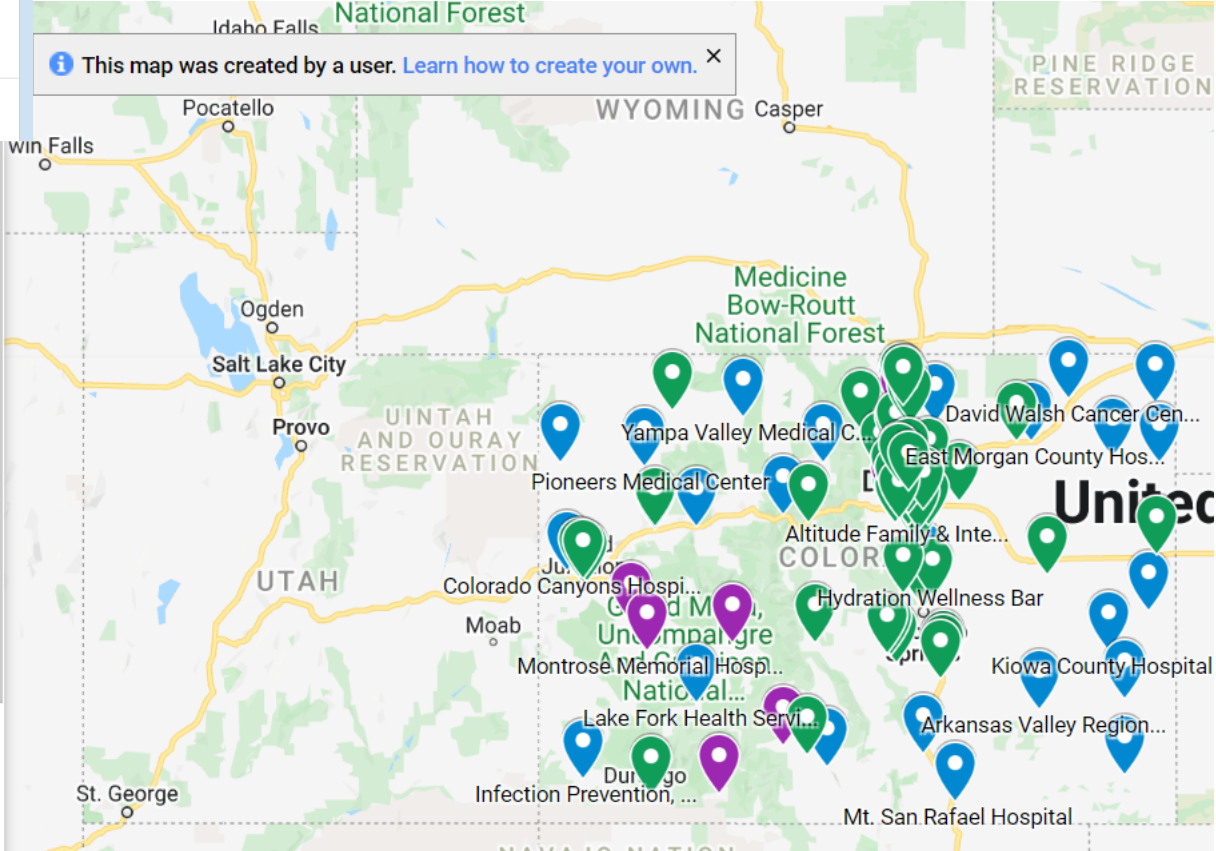
[Next Page >>](#)

Use this map to find the most convenient infusion center location. ☆

64,353 views  
Published on April 18

[SHARE](#)


- Accepting patients out of network**
- Altitude Family & Internal Medicine
- Arkansas Valley Regional Medical Center
- Bloom Health Care
- Boulder Community Health Foothills Hospital
- ... 40 more



# Barriers and Facilitators to Use of mAbs for COVID-19

- **Community awareness** of the need for timely testing and effective treatment available for all (not just the wealthy and connected)
- **Clinician education** about monoclonal antibody treatment for COVID-19 including strength of evidence, eligibility criteria, and how to access treatment
- Clear guidance on implementation and use of **referral processes**
- Addressing **inefficiencies in relying upon individual providers** to identify eligible patients, discuss treatment, find a treatment location, and complete a referral
- Assurances regarding **costs of care** especially for the **uninsured**


**MONOCLONAL ANTIBODY TREATMENT TO PREVENT SEVERE COVID-19**  
**GUIDE FOR HEALTH CARE PROVIDERS**

1  **Is my patient eligible?**


Monoclonal antibody treatments are for outpatients with mild to moderate COVID-19 symptoms and who meet the eligibility criteria, including:

- Not hospitalized or on oxygen due to COVID-19
- High risk of developing severe disease and hospitalization
- Able to receive treatment within 10 days of developing symptoms

Patients who have been vaccinated may receive monoclonal antibody treatment.


2  **Is my patient interested?**

- Counsel patient on monoclonal antibody treatment.
- Patient must be provided with the 3-page **EUA Fact Sheet**.
  - EUA Fact Sheet for Casirivimab and Imdevimab (Regeneron)
  - EUA Fact Sheet for Bamlanivimab and Etesevimab (Eli Lilly)
  - EUA Fact Sheet for Sotrovimab (GSK)
- Find updated information on benefits and risks of treatment.

3  **Where can my patient receive an infusion?**

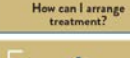
**Options to find an infusion center with your patient:**

- Choose an infusion center on the **CDPHE website** and complete the **online form**, or
- Check **Colorado Infusion Center Map**.

4  **How can I arrange treatment?**


The referral and ordering of monoclonal antibody treatment varies, depending on your clinic and/or health care system processes.

- If using the **online CDPHE form** to send a referral to the selected infusion center, you will give the patient the infusion center phone number to call and schedule a same- or next-day appointment.
- If using an infusion center associated with your organization, you may generate the referral and order within your EHR.
- Assist patient with transportation, if needed. Safest travel is having the person with COVID-19 sit as far from the driver as possible, mask on, windows open. Avoid public transportation if possible.

5  **Is there cost for infusion?**

- There is **no cost for the medication**; the federal government pays for the medication.
- The **infusion facility fee is covered by Medicare, Medicaid, and commercial insurance**. Patients may be billed co-pays and co-insurance. Self-pay patients may be charged a facility fee for the infusion.
- If patient is **self-pay**, ask if the infusion center will charge the patient for infusion. Patients without insurance who visit a Federally-qualified health center for treatment, like Denver Health/Denver Urgent Care, would likely receive no bill.

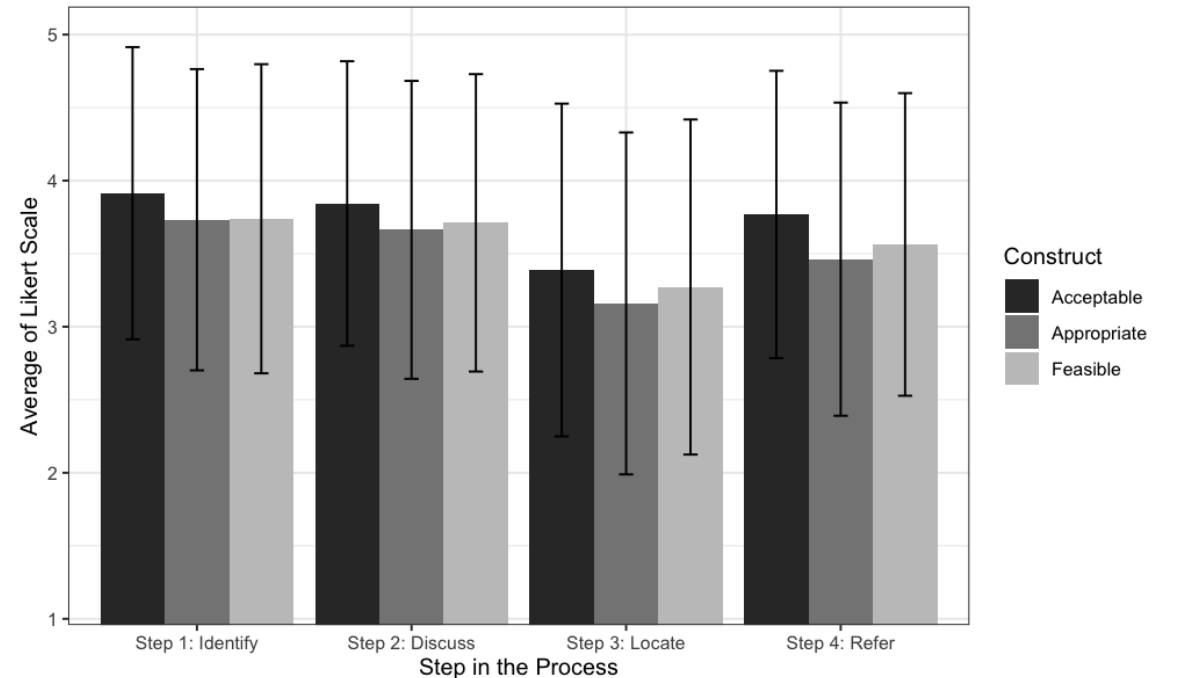
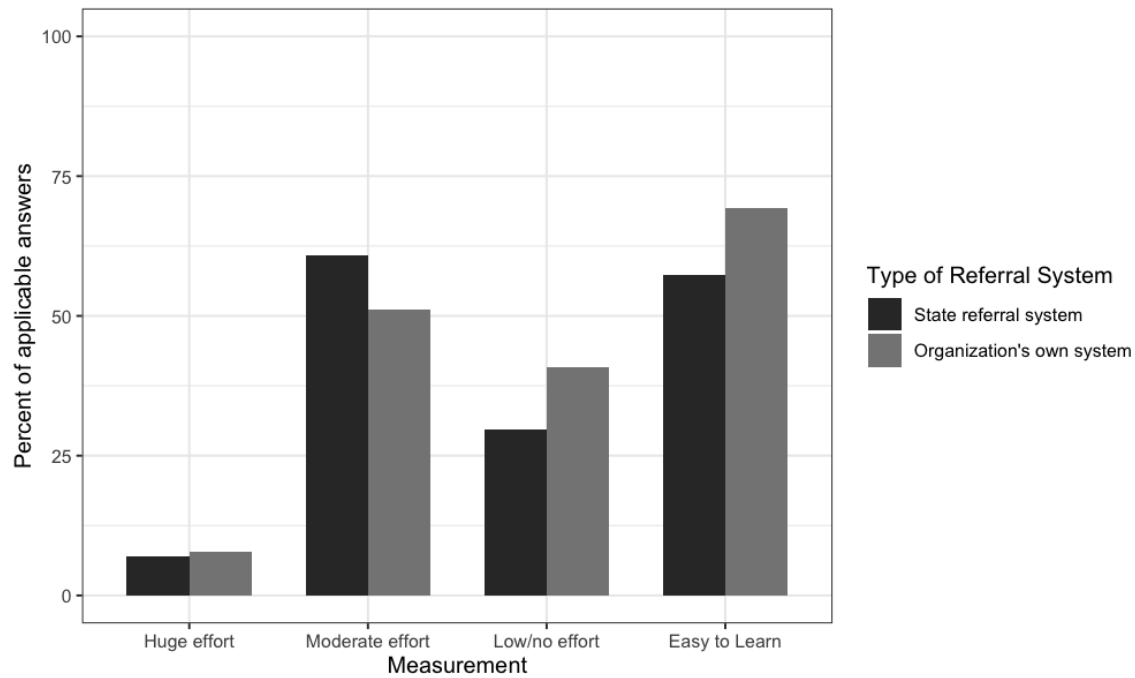
For more information or to find an infusion center near you:  
Call 1-877-332-6585 (English) or 1-877-366-0310 (Spanish),  
or visit [combatcovid.hhs.gov](https://combatcovid.hhs.gov).

  
mAb Colorado  
medschool.cuhschutz.edu  
mabcolorado

6/24/2021

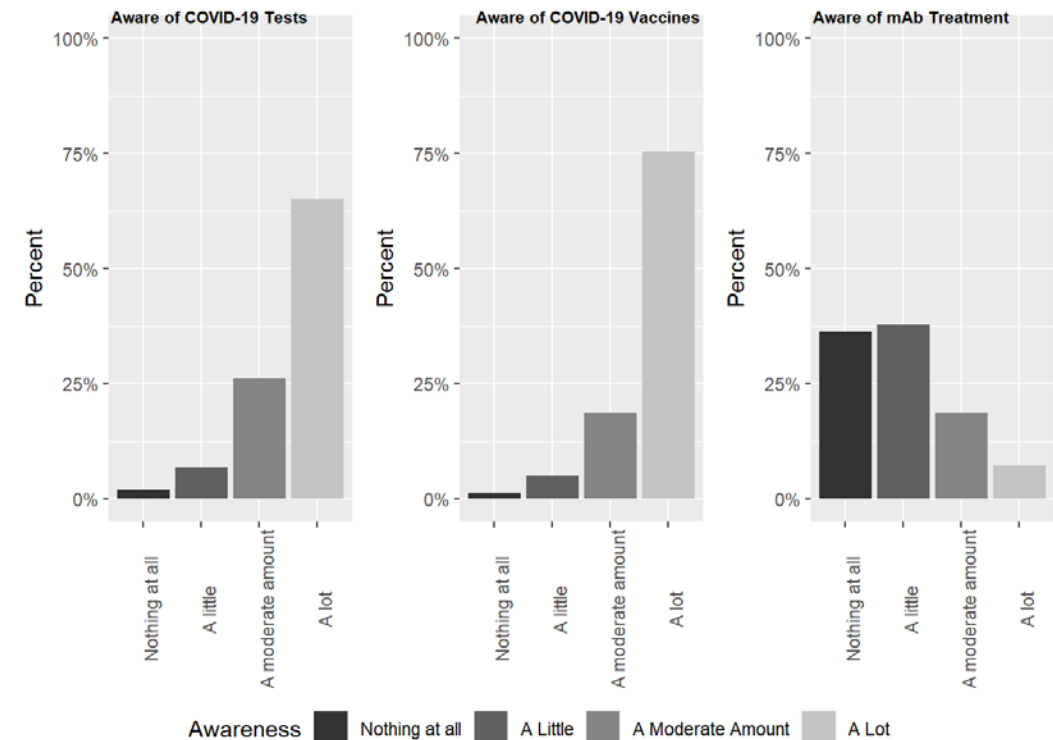
# Clinician Experience with Referral Systems and Processes

- **mAb referral process**
- **Step 1.** Assess eligibility
- **Step 2.** Discuss treatment with patient
- **Step 3.** Determine treatment location
- **Step 4.** Issue referral and order for treatment

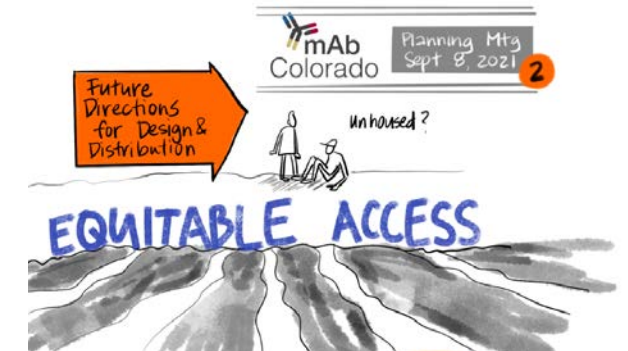
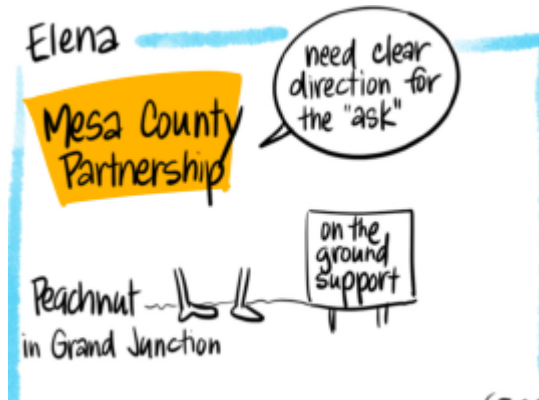
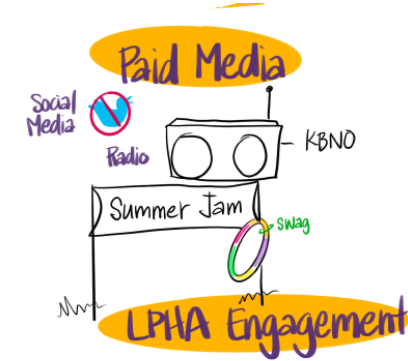
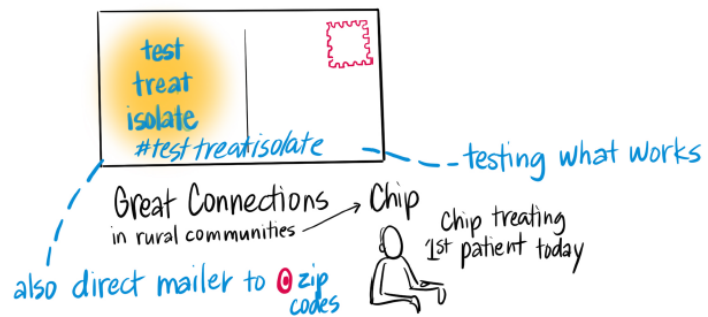
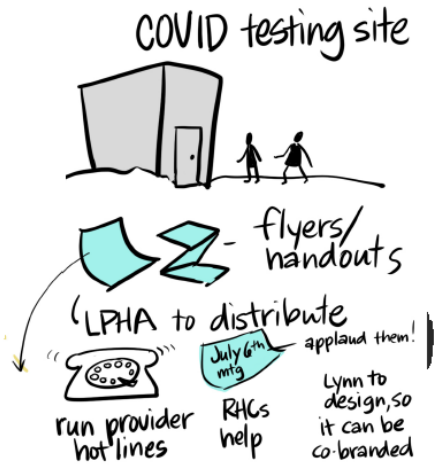


# Community Member Survey and Focus Group Insights

- Little baseline knowledge about monoclonal antibody treatment
  - Especially among Spanish-language participants
- Overall positive impression of monoclonal antibody treatment
- Key questions to be answered in information about mAb
  - Who can get it?
  - How can you get it?
  - How much does it cost?
  - What are the side effects?
- Priorities
  - Spread the Word-information about mAb should be shared across all available media
  - Make it easy-reduce barriers to obtaining mAb treatment when needed
  - Don't make it political-right now mAb treatment is not politicized, keep it that way
  - Equitable access



# Community Engagement Studios



## Community Messaging Materials

See below for materials you can share with members of your organization or community about monoclonal antibody (mAb) treatments for COVID-19.

We are able to provide a limited number of printed materials mailed to you free-of-charge. If you would like to distribute printed materials to members of your organization or community, [complete this order form](#).

**Did You Test Positive for COVID-19? ACT FAST!**

You may feel better faster if you get an antibody treatment. It can help keep you out of the hospital. It works best if you get it within the first five days after you have symptoms.

**Find Out About Antibody Treatment. Take These Steps:**

- ➔ **Call a Medical Provider Right Away**
  - Call your primary care or urgent care provider.
  - Call those who you trust best (Nurse or pharmacist).
  - Tell them if you have any other health problems.
  - Ask them if they can help you get successful antibody treatment.
- ➔ **Get a Referral to a Clinic**
  - If antibody treatment is right for you, the provider will make a referral to a clinic where you will go to get the treatment. They will give you the address and phone number to the clinic.

**Many Health Plans Will Pay the Full Cost of Treatment**

Antibody Treatment Works Against the COVID-19 Delta Variant

**mAb Colorado**  
www.mAbColorado.org

Download flyer versions in English and Spanish with basic information about mAb treatments. Can be printed front-to-back.

**Positive for COVID-19?**

**MONOCLONAL ANTIBODY TREATMENT**  
Can Keep a Mild Case From Becoming Worse

**SEEK TREATMENT RIGHT AWAY!**

If you have symptoms of COVID-19, it is important to get treated right away so you can get treated as soon as possible — before your symptoms get worse. Monoclonal antibodies can prevent you from needing to be hospitalized.

To be effective, monoclonal antibody treatment works best within a few days of feeling sick. As soon as you test positive, ask your doctor about monoclonal antibodies.

**WHO CAN GET MONOCLONAL ANTIBODIES?**

Anyone who is at risk of severe disease such as:

Download document versions in English and Spanish with answers to common questions about mAb treatments.

A grid of six social media images. Top row: 'If you test positive for COVID-19, there is a safe and effective treatment.' and 'Get the COVID-19 antibody treatment. Monoclonal Antibodies'. Middle row: 'STOP COVID-19 SYMPTOMS FAST With Monoclonal Antibodies' and 'GET THE TREATMENT YOU NEED TO SAVE LIVES'. Bottom row: 'TEST TREAT ISOLATE' and 'ATTACK COVID-19!'. Each image includes the website www.mAbColorado.org.

Download images to be shared as social media posts.

A grid of six social media images. Top row: 'If You Test Positive For COVID-19 Get Treated With MONOCLONAL ANTIBODIES', 'Get the COVID-19 antibody treatment. Monoclonal Antibodies', and 'STOP COVID-19 SYMPTOMS FAST With Monoclonal Antibodies'. Middle row: 'Spread the word about COVID-19 antibody treatments. SAVE LIVES', 'If You Have COVID-19 Symptoms', and 'ATTACK COVID-19! Feel Better Faster'. Each image includes the website www.mAbColorado.org.

**Stop COVID-19 Symptoms Fast**  
With  
**Antibody Treatment**

Find out more at [www.mAbColorado.org](http://www.mAbColorado.org)

**Did You Recently Test Positive for COVID-19?**

Antibody treatment can help keep you out of the hospital and help you feel better faster. The sooner you get treatment after you notice symptoms, the better it works.

**ACT FAST!**  
Antibody treatment works best when the test has been after your symptoms start.

**How to Get Antibody Treatment**

- ➔ **Call a Medical Provider**  
Call your primary care or urgent care provider right away. Tell them you tested positive for COVID-19, what you're feeling, and ask them any other health issues.
- ➔ **Get a Referral to a Clinic**  
If treatment is right for you, the provider will make a referral to the closest clinic that can give you the treatment.

Many Health Plans Will PAY THE FULL COST OF TREATMENT

**mAb Colorado**  
www.mAbColorado.org

**mAb Superhero**

Fighting COVID-19 with monoclonal antibodies (mAbs) one patient at a time!

[www.mAbColorado.org](http://www.mAbColorado.org)



## ¿Dio positivo para COVID-19? Actua Rapido

Puede sentirse mejor mas rápido si recibe un tratamiento con anticuerpos. Puede ayudar a mantenerlo fuera del hospital. El tratamiento con anticuerpos funciona mejor si usted es tratado dentro de los primeros días después de haber dado positivo para COVID-19.

Para obtener mas información acerca del tratamiento de anticuerpos siga estos pasos:

- ➔ **Llame a un proveedor médico de inmediato**
  - Llame a su proveedor de atención primaria o de atención urgente.
  - Dígales cuándo tuvo los primeros síntomas de COVID-19.
  - Dígales si tiene algún otro problema de salud.
  - Pregúnteles si pueden ayudarle a obtener tratamiento con anticuerpos monoclonales.

- ➔ **Obtenga una referencia a una clínica**

Si el tratamiento con anticuerpos es adecuado para usted, el proveedor hará una referencia a una clínica cercana a usted donde usted puede obtener el tratamiento. Le darán la dirección y el número de teléfono de la clínica.

**Muchos planes de salud pueden pagar el costo total del tratamiento**

**El tratamiento con anticuerpos funciona contra la variante delta COVID-19**

**mAb Colorado**  
[www.mAbColorado.org](http://www.mAbColorado.org)

# Paid Media Campaign

- Website – [www.mAbColorado.org](http://www.mAbColorado.org)
- Facebook and Instagram ads
- Web banner ads
- Google Search ads
- Direct mail postcards (Adams, Pueblo, Weld Counties)
- Radio partnerships
  - Denver Metro*
    - KBNO
    - KQKS
  - Western Colorado*
    - KEKB
    - KNZZ
    - KKNN

## If You Have COVID-19 Symptoms



**TEST**



**TREAT**



**ISOLATE**



Treat COVID-19 with

**MONOCLONAL  
ANTIBODIES**

Find out more at [www.mAbColorado.org](http://www.mAbColorado.org)

# Paid Media Campaign

## Persons Reached by Digital Ads

- Banner Ads: 752,785
- Facebook: 101,587

## Facebook Engagement

- Reactions: 2,836
- Comments: 644
- Saves: 567
- Shares: 1296
  - Expands reach exponentially

**Digital Ads Impressions Total: 8,733,962**

**Direct Mail Households: 47,679**

**Website Sessions Total: 23,540**

Average Time Spent on Landing Page: 50 seconds

## Top Website Sessions by City

- Denver: 3,091
- Grand Junction: 1,256
- Colorado Springs: 1,173
- Aurora: 795
- Greeley: 590
- Montrose: 566
- Pueblo: 451
- Lakewood: 402
- Fort Collins: 380




The screenshot shows the Facebook profile for mAb Colorado. The profile picture is a logo with the text 'mAb Colorado'. The bio reads: 'Medical & health Helping Coloradans access monoclonal antibody (mAb) treatments for COVID-19. [medschool.cuanschutz.edu/mAb-Colorado](https://medschool.cuanschutz.edu/mAb-Colorado) Followed by greenerie and vownen'. The page shows 113 posts, 58 followers, and 58 people following. At the bottom, there are buttons for 'Following', 'Message', and a dropdown menu, along with icons for a grid, play button, and profile picture.

# Health Care Provider Messages & Materials


## MONOCLONAL ANTIBODY TREATMENT TO PREVENT SEVERE COVID-19


### GUIDE FOR HEALTH CARE PROVIDERS

- 1**  Is my patient eligible?


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  - Not hospitalized or on oxygen due to COVID-19
  - High risk of developing severe disease and hospitalization
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Patients who have been vaccinated may receive monoclonal antibody treatment.
- 2**  Is my patient interested?

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  - Patient must be provided with the 3-page **EUA Fact Sheet**.
    - [EUA Fact Sheet for Casirivimab and Imdevimab \(Regeneron\)](#)
    - [EUA Fact Sheet for Bamlanivimab and Etesevimab \(Eli Lilly\)](#)
    - [EUA Fact Sheet for Sotrovimab \(GSK\)](#)
  - Find updated [information](#) on benefits and risks of treatment.
- 3**  Where can my patient receive an infusion?

Options to find an infusion center with your patient:


  - Choose an infusion center on the [CDPHE website](#) and complete the [online form](#), or
  - Check [Colorado Infusion Center Map](#).
- 4**  How can I arrange treatment?

The referral and ordering of monoclonal antibody treatment varies, depending on your clinic and/or health care system processes.

  - If using the [online CDPHE form](#) to send a referral to the selected infusion center, you will give the patient the infusion center phone number to call and schedule a same- or next-day appointment.
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- 5**  Is there cost for infusion?

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For more information or to find an infusion center near you:  
 Call 1-877-332-6585 (English) or 1-877-366-0310 (Spanish),  
 or visit [combatcovid.hhs.gov](https://combatcovid.hhs.gov).

  
[medschool.cuanschutz.edu/mab-colorado](https://medschool.cuanschutz.edu/mab-colorado)



## A PROVIDER'S GUIDE TO MONOCLONAL ANTIBODY THERAPY FOR COVID-19

[LEARN MORE](#) ▶

## ANTIBODY TREATMENT TO PREVENT SEVERE COVID-19

### ARE YOU ELIGIBLE?

**HAVE YOU TESTED POSITIVE FOR COVID-19?**

NO → **YOU ARE NOT ELIGIBLE**

YES → **ARE YOU HOSPITALIZED OR ON OXYGEN?**

NO → **DO YOU HAVE COVID-19 SYMPTOMS?**

NO → **YOU ARE NOT ELIGIBLE**

YES → **DID YOUR SYMPTOMS START IN THE PAST 10 DAYS?**

NO → **YOU ARE NOT ELIGIBLE**

YES → **ARE YOU 12 YEARS OF AGE OR OLDER AND WEIGH 88 POUNDS OR MORE?**

NO → **YOU ARE NOT ELIGIBLE**


YES → **ARE YOU AT RISK FOR SEVERE DISEASE?\***

NO → **YOU ARE NOT ELIGIBLE**

YES → **YOU MAY BE ELIGIBLE**

**\*ANY RISK CONDITIONS**

- Older age — 65 years of age or older
- Obesity or being overweight — adults with body mass index of 25 or more, children in the 85th percentile for their age and gender based on CDC growth charts
- Pregnancy
- Chronic kidney disease
- Diabetes
- Immunosuppressive disease/ receiving immunosuppressive treatment
- Cardiovascular disease or hypertension
- Chronic respiratory disease
- Neurodevelopmental disorders
- Any other medical condition or factor — including race or ethnicity — associated with increased risk

  
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For more information or to find an infusion center near you:  
 Call 1-877-332-6585 (English) or 1-877-366-0310 (Spanish), or visit [combatcovid.hhs.gov](https://combatcovid.hhs.gov).



# Models for mAb Referrals and Clinical Delivery

- CDPHE mAb Connector Tool and Infusion Center Map
- UCHealth Virtual Health Center (VHC)
- Tri-County Health Department case investigator referrals to the VHC
- Denver Health Urgent Care
- Mobile mAb buses
- Call center

## How to get monoclonal antibody therapy

UCHealth currently operates four infusion sites: University of Colorado Hospital in Aurora, Memorial Central Outpatient Infusion in Colorado Springs, Poudre Valley Hospital in Fort Collins, and Yampa Valley Medical Center in Steamboat Springs.

Please speak with your health care provider to determine if you are eligible for monoclonal antibody treatment and to discuss if it may be right for you.

Your provider will help you locate an infusion center and order the medication for you. You may also **set up a visit with UCHealth Virtual Urgent Care** who can help determine eligibility and order treatment.

### Costs

Currently, the medication used for COVID-19 monoclonal antibody treatment is free of charge, but infusion service fees to administer the drug may apply. If you have insurance, these fees will be billed to your



# Audience/Organizations

|   |  |
|---|--|
| Colorado Department of Public Health and Environment  | Dept of Emergency Medicine Town Hall         |
| Colorado Association of Local Public Health Officials | Urgent Care Association Members              |
| MHHA (Mile High Health Alliance)                      | UCHealth Seniors Clinic                      |
| TCHD (Tri-county Health Department)                   | Berkeley Home Health                         |
| ECHO Webinars   | CAFP (Colorado Academy of Family Physicians) |
| Practice Learning Collaborative group                 | CCTSI CU-CSU Summit                          |
| El Paso County Public Health                          | Geriatric Ground Rounds                      |
| El Paso Board of Commissioners                        | Quality Health Network (QHN)                 |
| COVID Check Colorado                                  | Colorado Community Health Network (CCHN)     |
| Pueblo County Provider Roundtable                     | Centennial LabX                              |

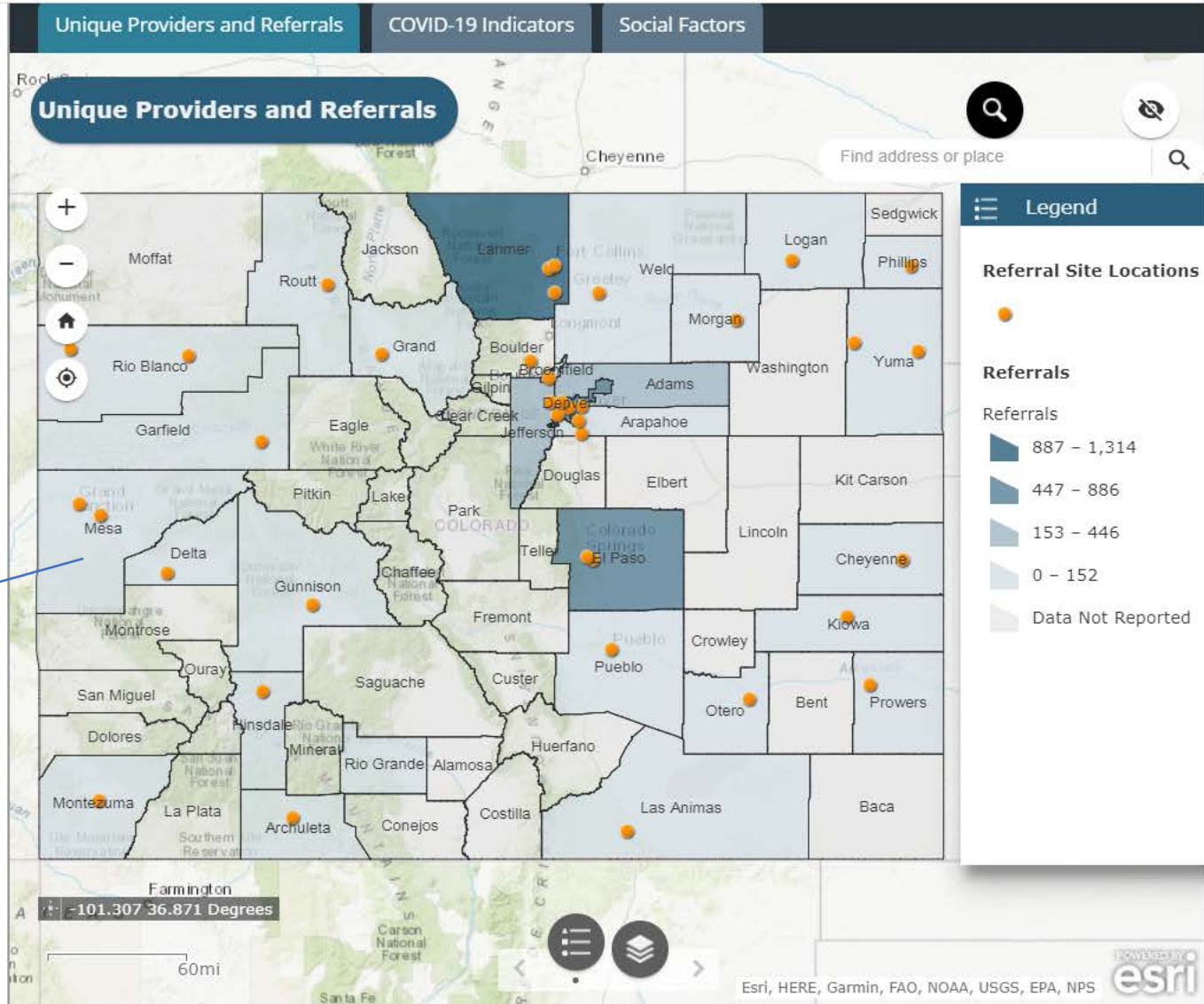
**Number reached through mAb Colorado presentations:**

**2,000+ people**

Twitter

Facebook

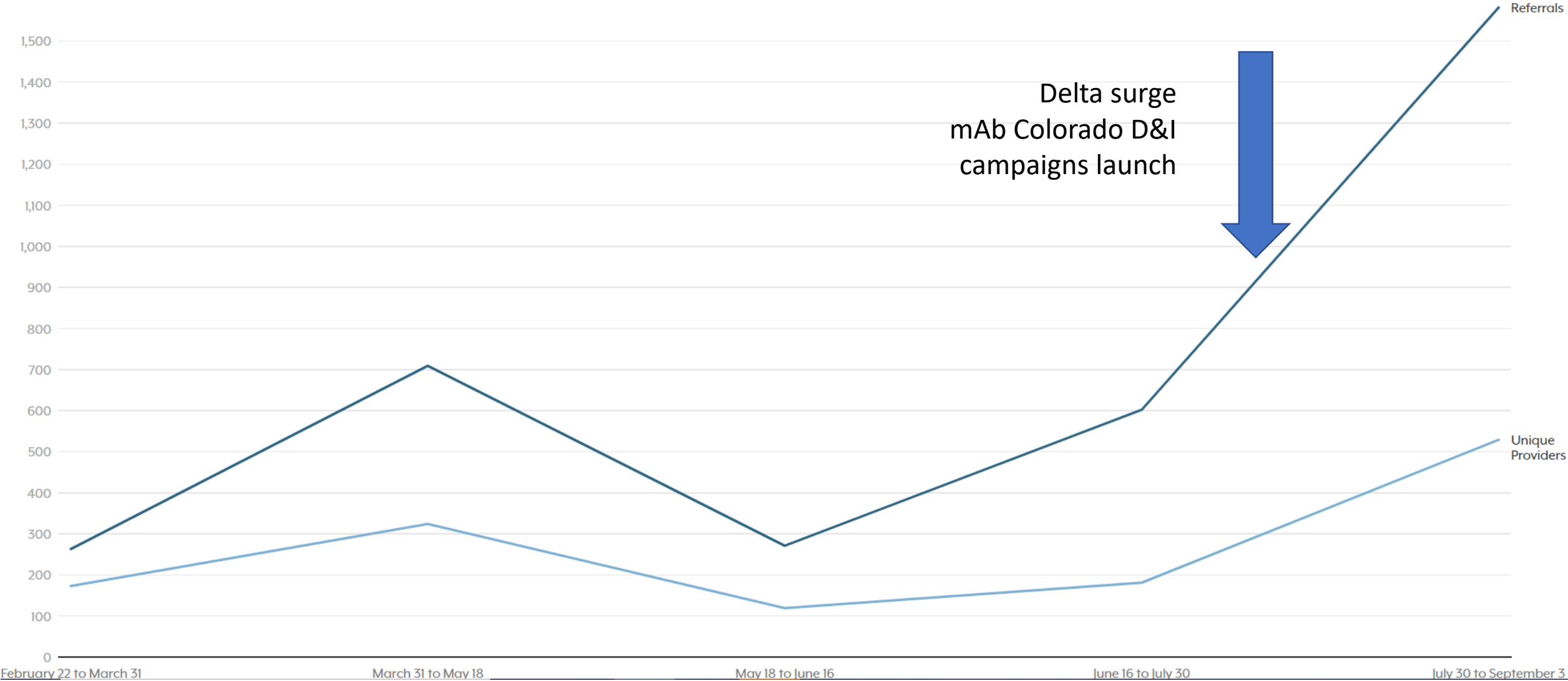
Instagram

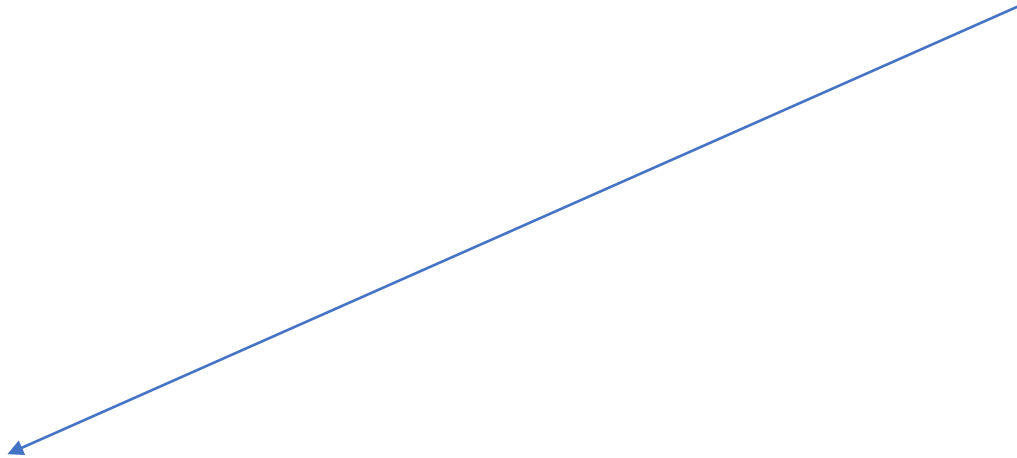


Data as of 8/30/21

# Unique Providers Referring Monoclonal Antibody Treatment, Colorado, February to July 2021

Total number of unique providers referring patients for monoclonal antibody treatment across all sites (light blue line) and the total number of referrals from these providers (dark blue line)





Data as of  
12/31/21



# Thank you! mAb Colorado Project Teams & Contributors

[Bethany.kwan@cuanschutz.edu](mailto:Bethany.kwan@cuanschutz.edu)

@BethanyKwan

