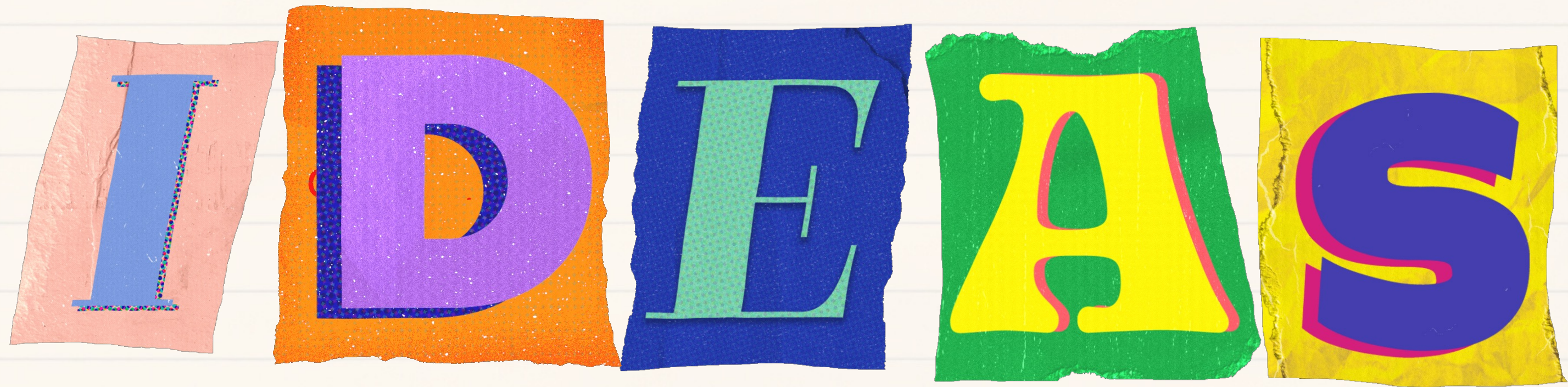




# **PEDIATRIC MEDICATION ADMINISTRATION FOR TUBERCULOSIS**



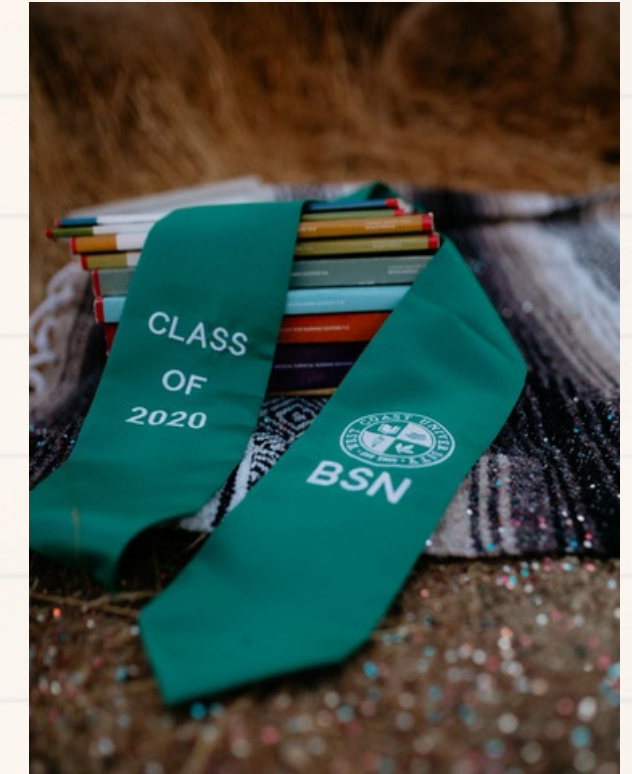
**Rachel M. Sherrick, BSN, RN, PHN**



# ABOUT ME

Rachel Sherrick BSN, RN, PHN

- Education: Bachelors of Science, Nursing.
  - West Coast University, Ontario, CA. Class of 2020.
- Experience:
  - Emergency Department: Three years
  - Public Health: One year
    - Santa Barbara County Public Health Department
      - Disease Control & Prevention Division





# LEARNING OBJECTIVES

- Identify population of interest and potential barriers in care.
- Identify various methods of medication administration for pediatric patients.
- Develop a plan to implement methods for medication administration.

# SANTA BARBARA COUNTY





# BACKGROUND

- Santa Barbara County Public Health Population
  - Indigenous Mesoamerican group
  - Oaxaca, Mexico
  - Primary language: Mixteco
  - Primary Occupation: Agriculture
  - Approximately 25,000 Mexican indigenous migrants live and work in Santa Barbara County.



# IMPORTANT POPULATION DETAILS

## Low Education Levels

- Minimal or zero schooling completed.
- Low reading and writing levels.
- Linguistically isolated.
- Children often participating in food crop work alongside family members.

## Holistic/Herbal Approach

- Use of herbs and other holistic methods to heal diseases.
- High skepticism of medication usage and medical personnel.
- No knowledge of medication consumption i.e., swallowing a pill.
- Low health literacy.

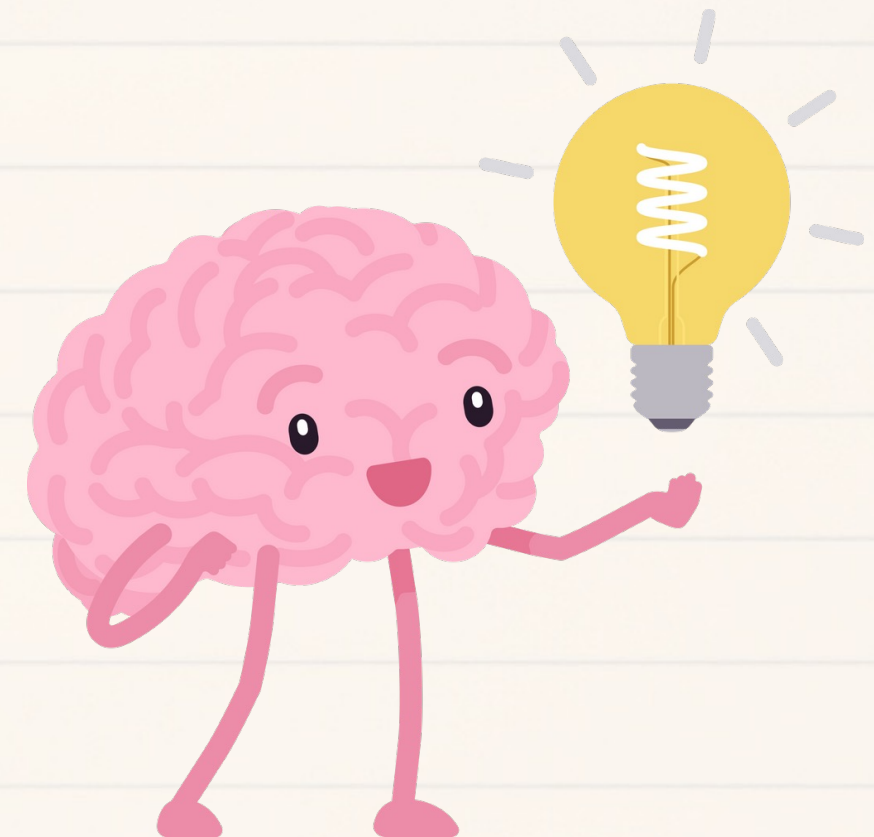
## Congregate Settings

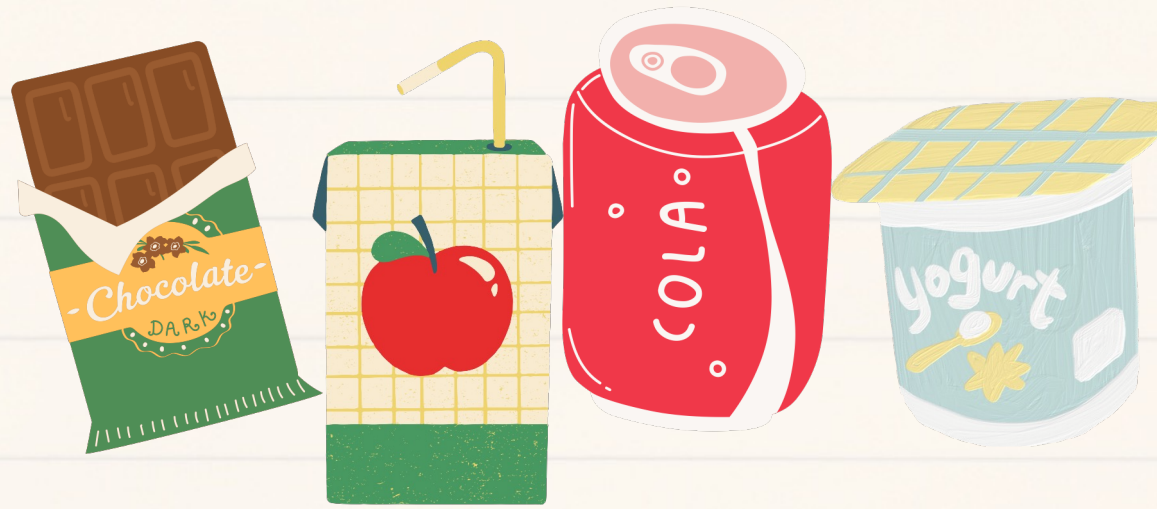
- Multiple families living in close living quarters.
- High turnaround of individuals living in a home.
  - Migrate per job availability i.e., start and end of crop season.



# IMPORTANT MEDICATION ADMINISTRATION CONSIDERATIONS

- Age
- Culture
- Language
- Family Dynamic/Involvement
- Interests i.e., food, drinks, toys, hobbies, etc.
- Time of day
- Duration of treatment





# HELPFUL TOOLS







don't

Give

up!



# RECAP

- Assess family dynamics, culture, and barriers to care.
- Crush and mix medication in patient's favorite beverage or food item.
- Celebratory or party experience
- Entertainment/distractions
- Frequent home visits
- Expect to pivot and explore different strategies over treatment duration.



# RESOURCES

Smith L, Leggett C, Borg C. Administration of medicines to children: a practical guide. Aust Prescr. 2022 Dec;45(6):188-192. doi: 10.18773/austprescr.2022.067. Epub 2022 Nov 30. PMID: 36479324; PMCID: PMC9722353. (Med admin graph)

H. Shonna Yin, Daniel R. Neuspiel, Ian M. Paul, Wayne Franklin, Joel S. Tieder, Terry Adirim, Francisco Alvarez, Jeffrey M. Brown, David Gordon Bundy, Laura Elizabeth Ferguson, Sean Patrick Gleeson, Michael Leu, Brigitta U. Mueller, Shannon Connor Phillips, Ricardo A. Quinonez, Corinna Rea, Michael L. Rinke, Ulfat Shaikh, Richard N. Shiffman, Elizabeth Vickers Saarel, Sandra P. Spencer Cockerham, Kathleen Mack Walsh, Bridgette Jones, Adam C. Adler, Jennifer H. Foster, Thomas P. Green, Constance S. Houck, Matthew M. Laughon, Kathleen Neville, John R. Reigart, Rohit Shenoi, Janice E. Sullivan, John N. Van Den Anker, Philip A. Verhoef; COUNCIL ON QUALITY IMPROVEMENT AND PATIENT SAFETY, COMMITTEE ON DRUGS, Preventing Home Medication Administration Errors. Pediatrics December 2021; 148 (6): e2021054666. 10.1542/peds.2021-054666

Mixteco Indigena Community Organizing Project. (2022, September 12). Who are we? Mixteco. <https://mixteco.org/>

THANK

YOU!

**QUESTIONS?**

