Arizona State Office of Rural Health
Webinar Series

Today’s presentation:

Poison Centers & Service to Arizona
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Arizona State Office of Rural Health
Monthly Webinar Series

Provides technical assistance to rural stakeholders to disseminate research findings, policy updates, best-practices and other rural health issues to statewide rural partners and stakeholders.

Thank you to our partners in delivering this webinar series:
Webinar Tips & Notes

- Audience is muted during the presentation.
- Enter your questions into the chat box.
- Please fill out the post-webinar survey.
- Webinar is being recorded.
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Poison Centers & Service to Arizona

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Medical Director of Arizona Poison & Drug Information Center
Impetus for development of Poison Centers:

- Growth of chemical, pharmaceutical, agricultural and consumer products.
US History of Poison Centers 1:

- 1953: First US Poison Center opens in Chicago, IL.
- 1954: Dr. Picchioni starts the voluntary Poison Center service at U of A.
US History of Poison Centers 2:

- 1962: President Kennedy establishes “National Poison Prevention Week”
  (3rd week of March)
- 1980: Arizona Government funds Arizona Poison & Drug Information Center
- 2002: US Federal Government:
  - Established a toll free number 1-800-222-1222
  - Fund the centers $28 million/year
Local History:

- 1953 Albert L. Picchioni, PhD, arrived to teach at the University of Arizona College of Pharmacy.
- ~1955 the Poison Center is functioning 24/7 but remained a volunteer effort.
- 1980 the Arizona legislature approved funding of the Poison Center with a full time staff.
Principals of Poison Center operation:

1 - Free service to the public

2 - Service 24/7/365

3 - Anonymous

4 - Educate, Prevent, Triage, Treat
Poison Centers: Who are we?

- Physicians - Toxicologist, Pediatrician, Pharmacologist
- Pharmacist - Poison Information specialist
- Nurses - Poison Information specialist
- Public health educator
- Teratologist
Poison Centers: Where are we located?

1. Some are based in Universities and Dept. of Health.
2. Some are in hospitals.
3. Some are independent Non-profit entities.
Arizona’s Poison Centers:

- Maricopa only

- 14 Counties
  Most of AHEC Service area
  Most of Tribal countries
Poison Centers 1: Who do we serve?

All the population of Arizona:

• Children
• Pregnant Women
• Breast feeding mothers
• Elderly
Poison Centers: Who do we serve?

- Doctors, Nurses, Pharmacists
- Clinics
- Emergency rooms
- ICU
- EMS
- Law enforcement
- Department of Health
Poison Centers: What do we do?

- Emergency phone service 24/7/365
- Exposure registry & data base
- Prevention, train, education
- Triage & treatment
- Post marketing surveillance
- Education (physician, pharmacist, nurses)
- Research
- Public Health
Poison Centers: Public health role

- Poison information
- Drug information
- Toxicovigilance
- Pharmacovigilance
- Substance abuse
- Prevention/Treat
- Environmental toxicology
- Occupational toxicology
- Chemical incidence and disaster
Poison Centers: What do we do?

- Help evaluate children’s exposure to medication, household chemical, plant and creators.
- Help with care and treatment of drug overdose and poisonings.
- Help reduce and treat medication interactions.
- Help with care and treatment of environmental & occupational exposures.
- Help treat snake bite, scorpion stings, Africanized bee attacks.
Data Collected 4: NPDS

EMS

Public

Alerts

Hospital & Clinics

Alerts

Health care facilities

NDPS/ CDC
Every 9 min Syndromic surveillance

Monitor
Manage
Triage

Data Sharing

EMSPoison and Drug Information Center
ARIZONA DEPARTMENT OF HEALTH SERVICES
Current model of utilization of Poison Centers:

Monitor at home

Monitor & co-manage

Triage

Monitor & co-manage

Manage

refer

Tract

Call

70+%

Health care facilities

EMS

Arizona Public
Specialty Services:

1 - Mother to Baby: chemicals in pregnancy and breast feeding mothers and their infants.

2 - Pediatric Environmental Health Specialty Unit.

3 - Advanced Hazardous Materials Life Support (AHLS).

4 - Snake and Scorpion Envenomations and Anti-venoms use.

5 - Opiate Assistance and Referral (OAR- Line).
Poison Centers’ Data Base: NPDS established 1983

1. Multiple electronic medical records, Toxical, Toxcentury, Dot-lab
2. All collect similar data
3. Unique code for many but not all exposure
4. Able to do follow up calls
5. Monitored & updated every 8 minutes
Poison Center resources for opioid dependency and pain management:

Opioid Assistance & Referral

A free 24/7 hotline that assists providers with complex patients with pain and opioid use disorders, answered by medical experts at the Poison and Drug Information Centers in Arizona.

Arizona OAR Line
1-888-688-4222
What IS the OAR Line?

Opioid Assistance & Referral

A free 24/7 hotline that assists providers with complex patients with pain and opioid use disorders, answered by medical experts at the Poison and Drug Information Centers in Arizona.

Arizona OAR Line
1-888-688-4222
What is OAR line?

- A resource for public referral and connecting to resources for addiction and detox.
- A resource for EMS and police to connect individuals to resources for addiction and detox.
- Resource for Primary care when patient prescription is higher than 90 milliequivalents of morphine.
Is OAR Line 24/7? Yes

Opioid Assistance & Referral

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Arizona OAR Line
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Does OAR Line 24/7 work in rural Arizona?

YES, it was designed for it

Opioid Assistance & Referral

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ARIZONA Poison and Drug Information Center
Can hospitals & clinics use the number / or give it to patients?

Yes
Summary:

Poison Center do a lot for the state and

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Questions and Discussion
Please type your questions and comments into the Zoom Webinar Platform Chat box.

Poison Centers & Service to Arizona
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Thank you!

Your opinion is valuable to us. Please participate in this brief survey:

https://uarizona.co1.qualtrics.com/jfe/form/SV_3TSI6annO7yWxZb

Find this and our previous webinars at:

http://www.crh.arizona.edu/programs/sorh/webinars

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