Embracing a Life Course Framework for Maternal, Child, and Adolescent Health Program Operations

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Today’s Presentation

- From preconception health to life course trajectory
- Mapping programs and services to the life course
- Putting a life course framework into practice
Infant Mortality Refocuses MCAH Programs

Infant Death Rate by Race/Ethnicity
Antelope Valley vs. Los Angeles County, 1996-2005

Preconception Health
Disparities

Barriers to Favorable Birth Outcomes and Health Trajectories

- No health insurance
- Poverty
- Depression
- Low educational attainment
- Racism
- Perceiving a neighborhood as unsafe
LAC MCAH Programs Change Life Course Health Trajectories

Depression Screening

Nurse Family Partnership

- Mental health assessment, referrals to resources and services

Comprehensive Perinatal Services Program

- Two-hour provider trainings on perinatal depression and PHQ9 screening tool
Neighborhood Revitalization

❤ Gang prevention

❤ Family resource centers

❤ Federal funding initiatives
MCAH Nutrition for a Good Life

Life Course Health Trajectory

Bottle Feeding
Lead Exposure

Breastfeeding Support

Infancy

Childhood

Puberty

Pregnancy

Adulthood

Sedentary
Asthma
Poor Diet

Obesity Related Conditions

HWWALC

NFP

CPSP

Poor Maternal —
Child Outcomes

Health Before-Between-After Pregnancy
### Childhood Lead Poisoning Prevention Program

#### Healthy Homes Assessment

<table>
<thead>
<tr>
<th>Patient's Last Name:</th>
<th>Patient's First Name:</th>
<th>DOB:</th>
<th>Date Survey Conducted:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Record Number:</td>
<td>SPA:</td>
<td>Health District:</td>
<td>Supervisoral District: 1 2 3 4 5</td>
</tr>
<tr>
<td>Psychosocial Issues:</td>
<td>Foster Care</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Medical Concerns:</td>
<td>Health Care</td>
<td>Full</td>
<td>Partial</td>
</tr>
<tr>
<td></td>
<td>Regular Source of Dental Care</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Check the appropriate box for each hazard that exists within the home.

- **ACCIDENTS/INJURY**
  - Unsecured windows
  - Hazards in home or building
  - Does caregiver(s) know Poison Control Centers emergency number (1-800-222-1222)? Yes No
  - Uses kerosene heaters, gas stoves/ovens, or barbecue grills to heat home

- **FIRE SAFETY**
  - Non-removable security bars
  - Non-functioning or non-existing smoke detectors
  - Locked fire escape
  - No fire extinguisher
  - Non-working heater

- **ASTHMA (TRIGGERS)**
  - Medical history of asthma or respiratory disease
  - Smokers in home
  - Excessive dust in home
  - Alive or dead cockroaches or rodents
  - Dry rodent droppings
  - Mold/Mildew
  - Water Damage (walls wet/newly stained)
  - Pets in household (cat or dog)

- **CHILD SAFETY**
  - Deteriorated paint: Yes No
  - Walls
  - Windows
  - Doors or trim
  - Floors
  - Holes in wall(s)
  - Hazardous substances/medicines in reach of children (under sink in kitchen/bath)
  - Exposed electrical wires
  - Unprotected electrical outlets
  - Long and unsecured window blind cords
  - No use of car seat/seat belt
  - No use of helmet/protective gear
  - Unsecured swimming pool

- **MISCELLANEOUS**
  - Uses safe food handling techniques of thawing frozen meat in refrigerator overnight or microwaving
  - Uses of High Efficiency Particulate Air (HEPA) in home (e.g. vacuum)

- Referral to EH Health Homes Project completed Date: 

| PHN Signature: | Reviewed by: |
The Partnership to Eliminate Disparities in Infant Mortality (PEDIM)

- PEDIM a joint project of CityMatCH, the Association of Maternal and Child Health Programs and the National Healthy Start Association
- Action Learning Collaborative (ALC) an 18 month program of PEDIM
- W.K. Kellogg Foundation Funded
Challenges

- Overcoming staff perceptions that life course framing is either “nothing new” or more work
- Risk of giving up control or losing identity when partnering with others
- Staff and resource shortages
Key Points: A Life Course Framework for MCAH Program Operations

- Data to identify gaps at crucial periods in the life trajectory for intervention
- Educate staff on life course model
- New partnerships to connect MCH programs with community efforts to improve physical and social environment
- Focus on promoting health before and between pregnancies
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