

**Pediatric Environmental Health
Specialty Units in the USA:
Origins and Developmental Concepts**

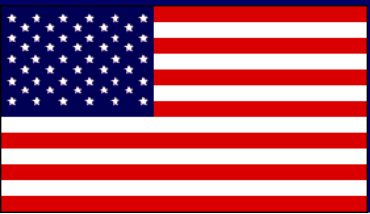
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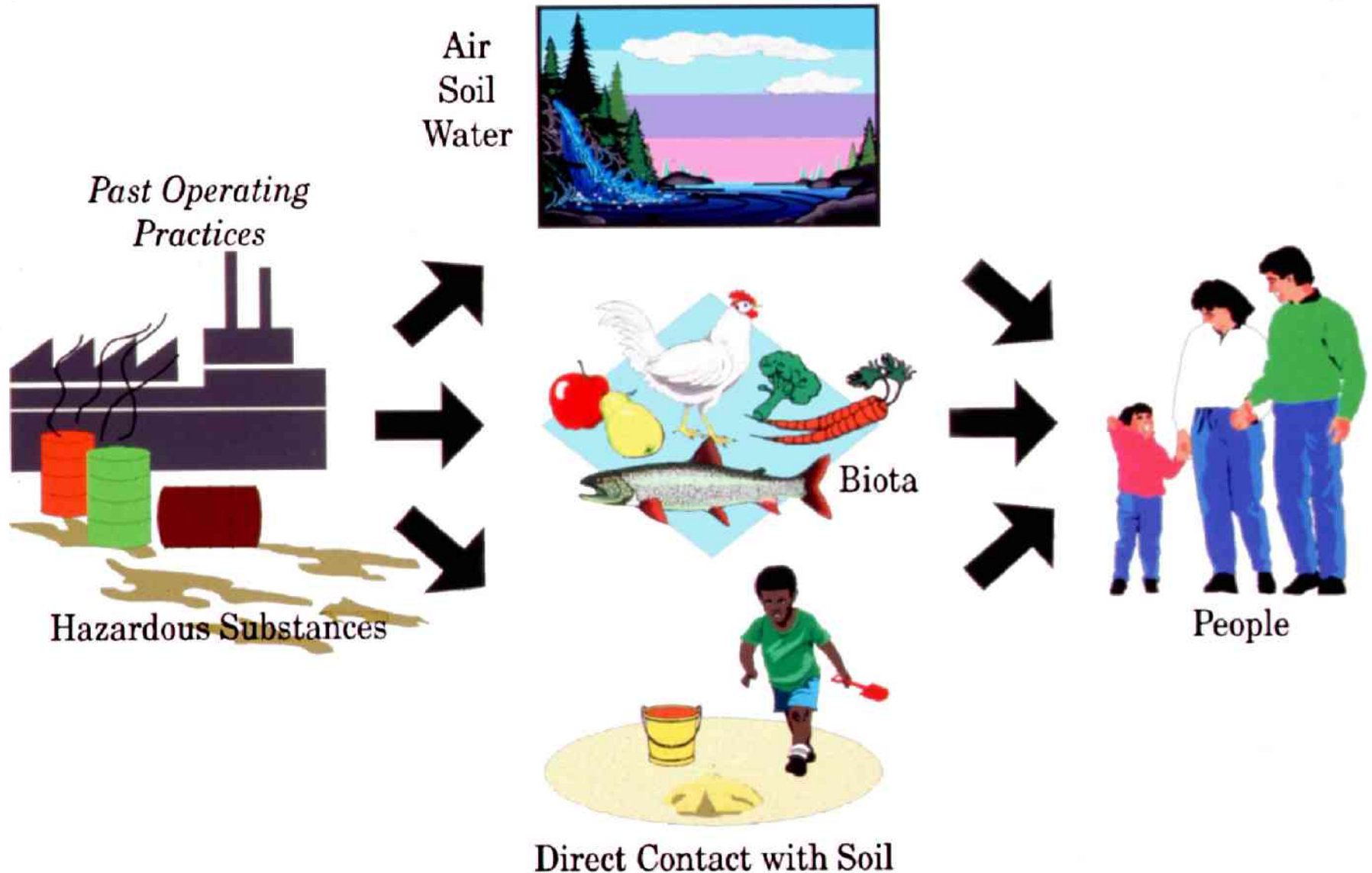
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Guten M orgen!



Multiple Pathways of Exposure



Pediatric Environmental Health Specialty Units



- Atlanta
- Boston
- California
- Chicago
- Denver
- Iowa
- New York
- Texas
- Seattle
- Washington DC

Pediatric Environmental Health Specialty Units



Pediatrics

Toxicology

Occupational Medicine

Children are Different!

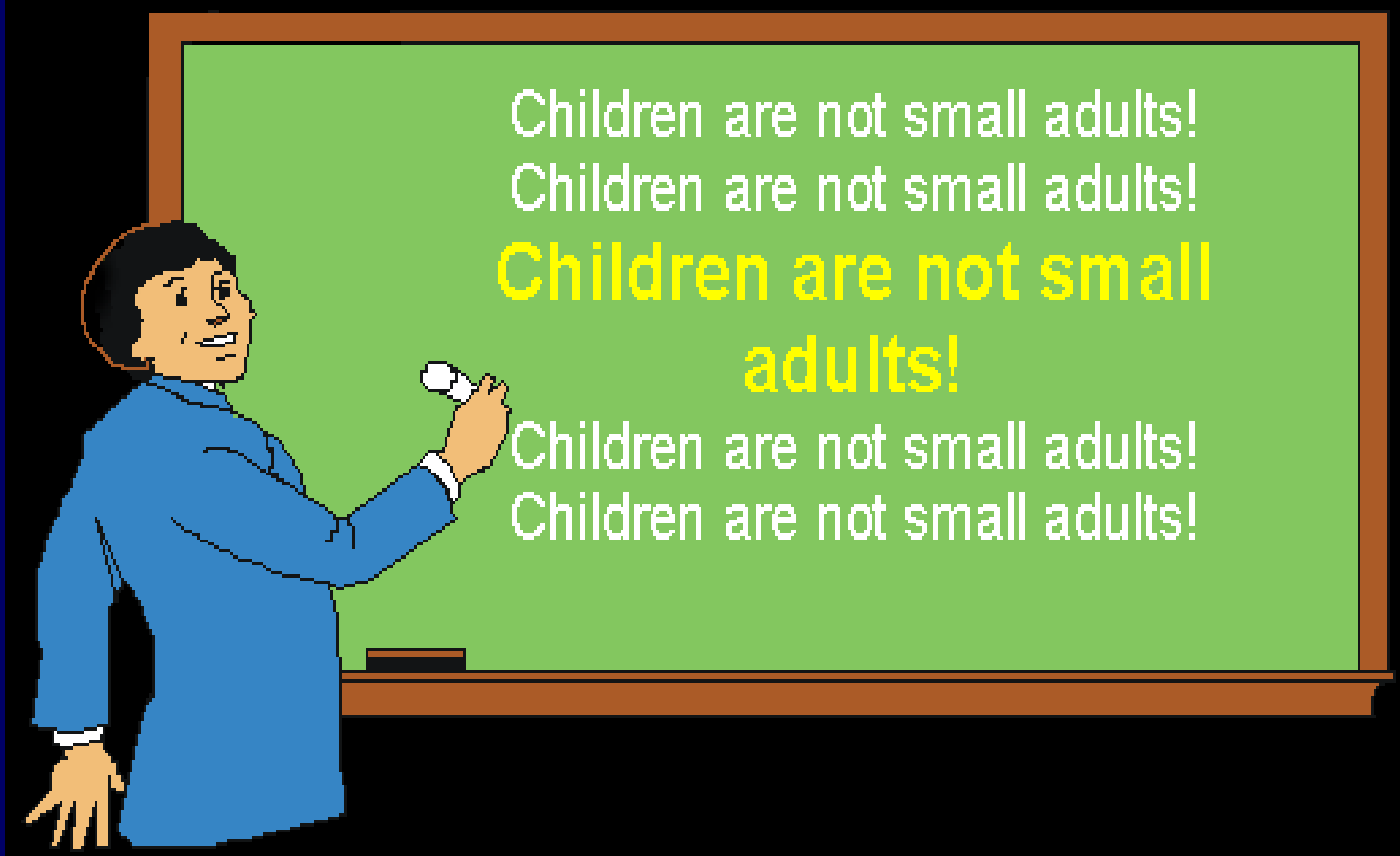
**Exposures
Doses
Susceptibility
Development
Latency
Advocacy
Breast Milk**



Children breathe, drink,
and eat more than adults



(per kg
body
weight)



Kinder sind keine kleinen Erwachsene!

Correct Diagnosis?



Asthma



Methyl Parathion

- Neurotoxic pesticide
- Illegal for home use
- Not diagnosed!



Pediatric Environmental Health Specialty Units



- Help from the experts
- Overnight success
- Thousands of referrals
- Evidence-based training
- Fellowships

(pediatric environmental medicine)

Pediatric Environmental Health Specialty Units



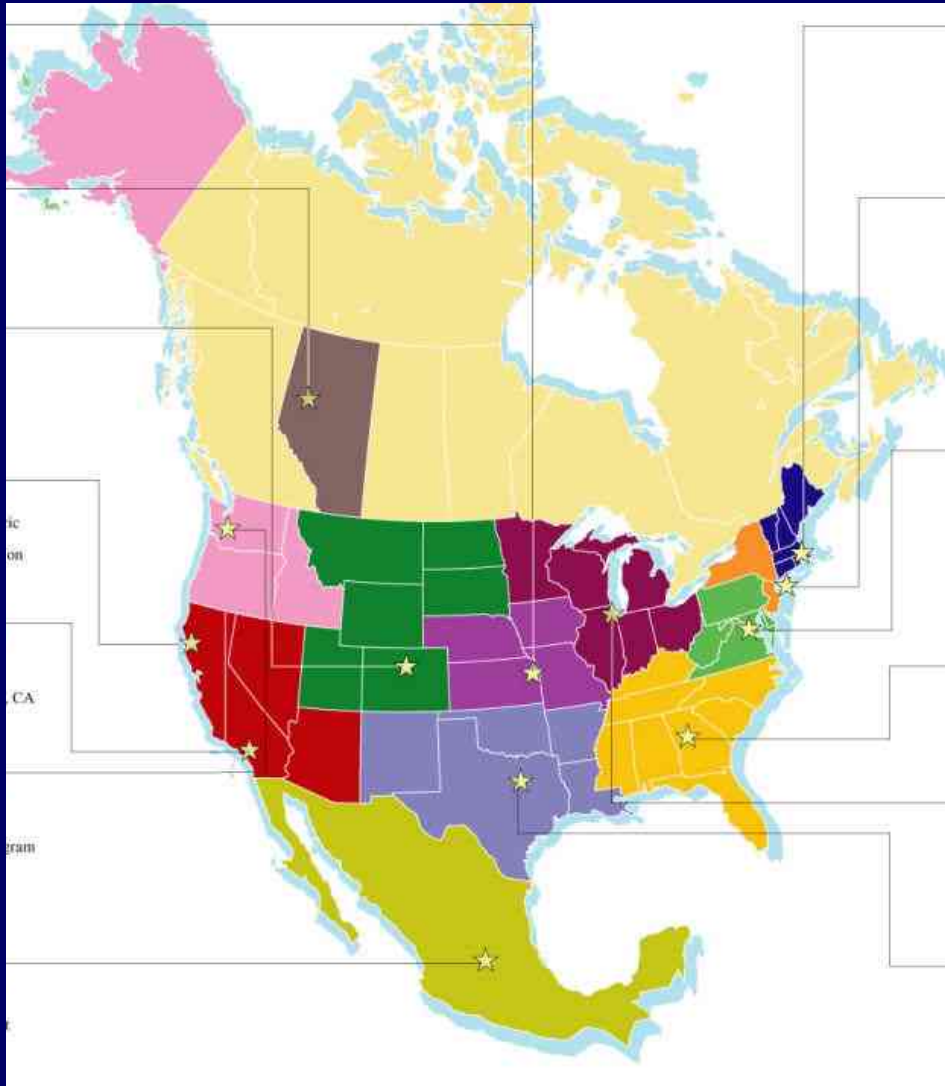
- Agency for Toxic Substances and Disease Registry
- Association of Occupational and Environmental Clinics
- Environmental Protection Agency

Pediatric Environmental Health Specialty Units



- Consultation
- Clinical referrals
- Medical education & training

North American Network



- **Canada**
- **Mexico**
- **USA**

Effectiveness ???

- Valuable solutions to environmental concerns
- Fill an important void in clinical medicine
- Community-level problems discovered
- Harmful treatments stopped
- Medical guidance to government agencies
- Pediatric tox reference guidelines

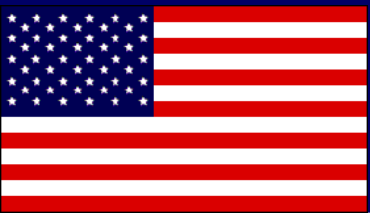
Conclusions

- Yesterday's idea is working well
- We have learned how to sustain the model
- We are eager to share – and learn too!
- Let's work together, it will be fun
- Children and their families will benefit



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Danke!

