

Assessing and Understanding Children's Environmental Health (CEH)

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Outline

- Who wants to understand CEH?
- Where are they/we located?
- What aspects do they/we want to understand and assess?
- Why do they/we want to know?
- What tools do they/we have?
- How might they/we assess and understand CEH better?

Who?

- Children & Parents
- Clinicians
- Public health
- Stakeholders/organizations
- Policy makers from different kinds of organizations and levels of decision-making

Where?

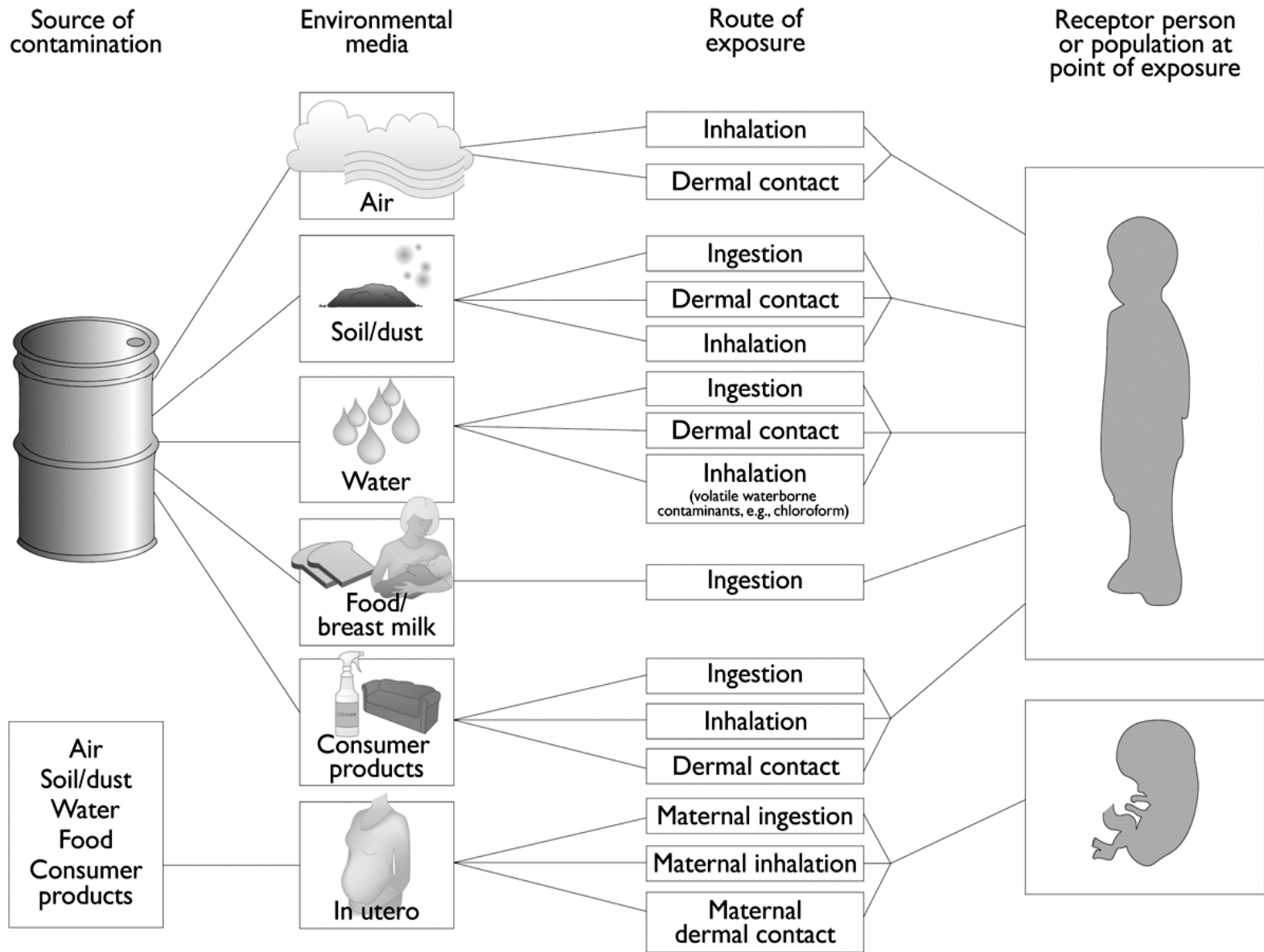
- Indoor vs outdoor
- Household vs other private areas vs public areas
- Cities versus rural
- Ontario, Canada, other High Income Countries
- Low Income Countries
- Globally

What aspects?

- Hazards and Exposures
 - Timing and duration
- Parents and children activities
- Equity concerns
- Body system impacts
- Ecosystem impacts
- Global influences and impacts
- Costs of each of these



Child Exposures Pathways



Why?

- Concern for ourselves/our children
- Understanding causes of disease
- Estimating exposure and burden
- Justifying prevention
- Designing treatment
- Developing policies

What tools?

- Discipline based research/studies
 - Toxicology, Microbiology
 - Epidemiology, Geography..
 - Policy sciences
 - Clinical fields
- Risk assessment & management
- Health impact assessment
- Evaluation

How do things better?

- Develop clearer sense of preconceptional to teenage and life course impacts
- Conduct better surveillance of environmental health problems
- Fill policy gaps
- Mobilize greater resources to vulnerable groups, attention to equity
- Evaluate impacts of our activities