



What does a PEHSU Unit Do?

Assessment and Clinical Care

- Assessment of a child's condition, taking into account their environmental history (including psychosocial and chemical factors)
- Providing further investigations into cause of illness, advice, and treatment when necessary
- Reporting clinical findings and decisions to the child's referring physician
- Being accessible for consultation by telephone, email, or telehealth when families and/or health care professionals live at a distance

Research

- Gather and synthesize scientific data about the links between environmental health exposures and fetal/child health outcomes.

Education

- Translate knowledge and raise awareness about important environmental health issues to children by developing user friendly information and tools for broad dissemination to health care professionals, government organizations, and public.

Which patients are seen in the PEHSU?

PEHSU clinics see patients who are referred by their own family physicians, pediatricians or medical specialists to receive care from PEHSU staff. Examples of patients include:

- Children and pregnant women with known environmental exposures (mould, carbon monoxide, benzene)
- Children who have diagnosed health issues including:
 - Asthma
 - Autism
 - Attention Deficit Disorder (ADD)
 - Learning Disabilities
 - Neurodevelopmental Symptoms
 - Behavioural Concerns
 - Others

Some environmental exposures which should be of concern to children include:

- Pesticides
- Lead
- Mercury
- Arsenic
- Allergens
- Carbon Monoxide
- Solvents (eg. Benzene)
- Diesel Exhaust
- Sun Exposure
- Second-Hand Tobacco Smoke
- Drinking Water Contaminants
- Air Pollutants (eg. Ozone, Nitrates, Particulate Matter)

Where is the Closest PEHSU?

There is only one PEHSU in Canada. Their contact information is:

Paediatric Environmental Specialty Unit
Misericordia Community Hospital
16930 – 87 Ave
Edmonton AB
Canada
T6G 0E3

Phone: 1-780-735-2443
Toll Free within Alberta: 1-877-214-2331
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For more information on this and other PEHSUs across North America please go to www.pehsu.ca and www.pehsu.net.