

















A Case Study: Mother Earth

Past Medical History:

- Patient describes having the usual childhood difficulties: molten surface, cooling rains, ocean formation, and the emergence of landforms in late childhood.
- She feels like her adolescence was typical- trying to "find herself" and tried out many different life-styles including unicellular, multicellular, aquatic, terrestrial, and aeolian.
- During young adulthood she was "full of life", she felt that nothing could stop her: not floods, fire, plate tectonics, meteor impacts, or glaciation. Each challenge was just an opportunity to start new life.

A Case Study: Mother Earth Family History: Pt's family originated in a nebulous gas cloud. She is part of a single parent household, has 8 other siblings, all have had a pretty dull existence without much life. Currently, Gaia's single parent, Sol, is still healthy but described as "an old gas-bag, full of hot air." All family members are healthy and stable- except for the youngest, Pluto, who suffers from an identity crisis and keeps his distance from the others.



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Review of Systems

- Skin: Significant drying out in some areas due to vegetative thinning. Multiple, non-healing open scars from sub-surface explorations.
- ★ Respiratory: Feels it is increasingly difficult to get a full, clean breath of air. Suffering from hypercapnia (excess CO₂), causing "hot-flashes." Especially feels her upper airway is depleted.
- Cardiovascular: Pt feels as if her life blood is "tainted" and sluggish. Molten core still circulating well.
- GI/GU: Pt describes an increase in foul smelling waste.
- Musculoskeletal: Typical pattern of building and wasting away.

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A Case Study: Mother Earth • Assignment: Using the Nursing Process conduct a thorough assessment, identify significant problems, list/diagnoses relevant to this patient's case, and develop a plan of care!











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Health & Extreme Weather			
Assessment & Diagnosis			
*	What's changing? Increasing temperatures and		
E.B.	cha	nging precipitation patterns \rightarrow	
	۶	↑ozone & airborne allergens (more pollen & longer growing season)	
	>	↑wildfire pollutants	
5.11	>	↑ flooding & droughts	
✤ Health Outcomes:			
	۶	Exacerbation of acute (e.g. asthma) and chronic (e.g. COPD) respiratory conditions	
	>	Exacerbation of allergies (pollen, mold)	
	≻	Cardiovascular and respiratory impacts of wildfire smoke 21	



Health & Extreme Weather Who's vulnerable? Exposure can be distant from event > Children with asthma Elderly with chronic lung or heart disease > Outdoor workers × > Those living in flood-prone areas Outcomes, Plan & Interventions What can we do? Reduce exposure & effects: -> Restrict vehicle use and increase public transportation Provide home air filters for vulnerable × Better manage forests/wildlands to reduce wildfires × Land zoning to restrict building in flood plains & near highways ×





















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China's mercury flushes into Oregon's rivers- A fifth of the poisonous metal found in the Willamette is from outside North America

> Friday, November 24, 2006 The Oregonian

The inky smoke belched by chimneys in Chinese cities such as Linfen and Datong contains mercury, a metal linked to fetal and child development problems. Trace amounts of the poison can take less than a week to reach Oregon, where research suggests that about one-fifth of the mercury entering the Willamette River comes from abroad -increasingly from China.



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100	References & Resources
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