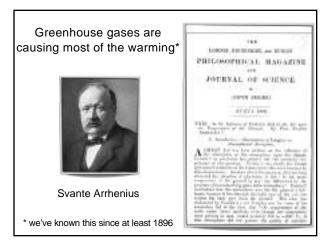
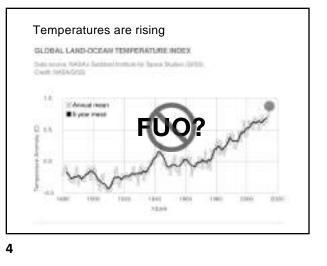
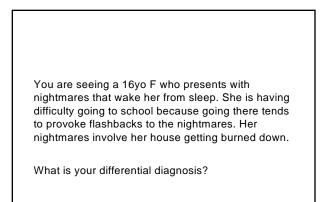


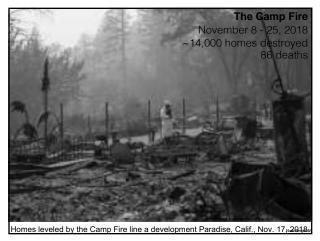
Learning Objectives
At the conclusion of the session, participants should:
1. recognize that climate change harms child health and how mitigating climate change improves it.
2. appreciate how climate change makes our job's harder to do as it causes more frequent and widespread power outages, medical supply shortages, and impairs access to care.
3. be motivated to act in the vital role that pediatricians have in communicating the health effects of climate change.



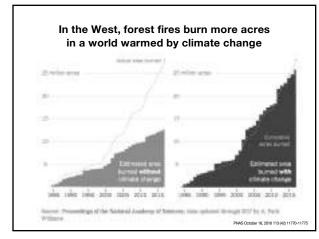




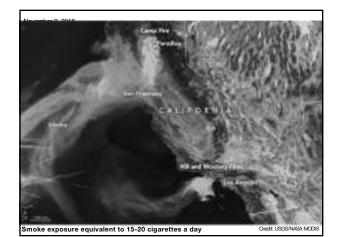


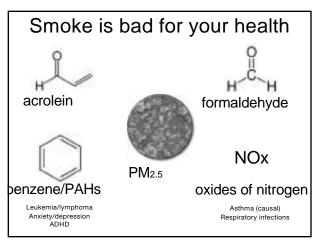










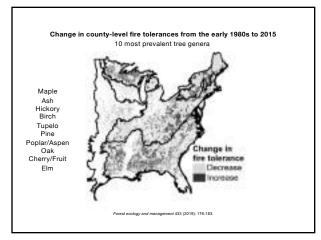




| Health effects of PM exposure | | |
|-------------------------------|--|--|
| Probable | Possible | |
| Type 2 DM | Autism | |
| Alzheimers | Preterm birth | |
| LBW | Hypertension in offspring of exposed | |
| | women | |
| | | |
| | | |
| | Probable Type 2 DM Alzheimers | |

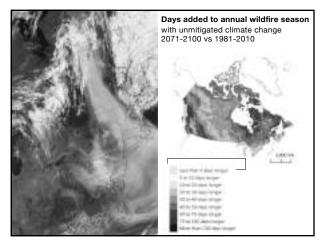


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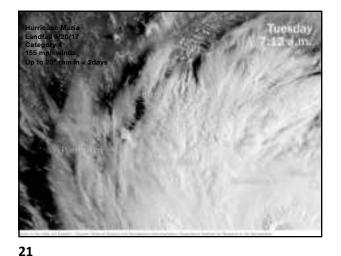


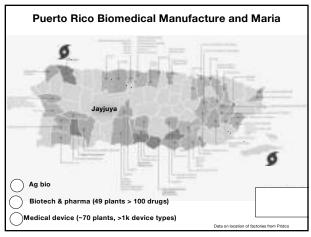
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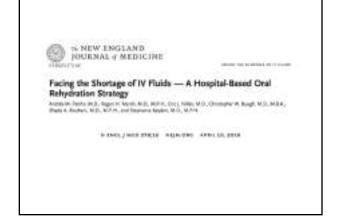
It's February 2018 and you are working an urgent care shift in an emergency department.

A mother brings her 4 month old infant to triage stating that he's had a week of vomiting and diarrhea. He appears severely dehydrated. His fontanelle is sunken, his mucous membranes are tacky and he appears listless. T 36.4 HR 190 BP 60/40 RR 40.

What is your next step in management?



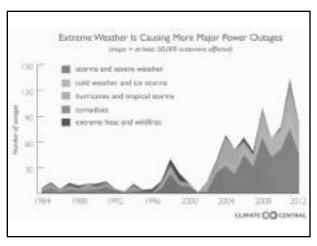


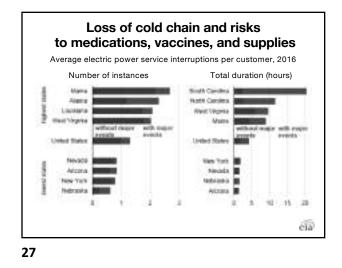


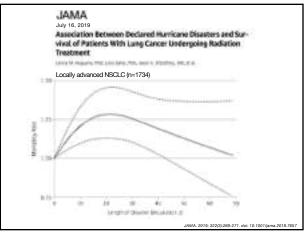


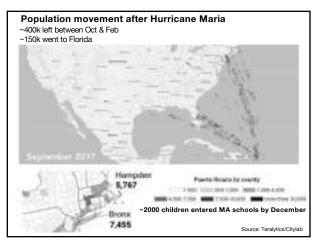




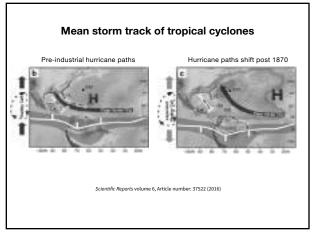




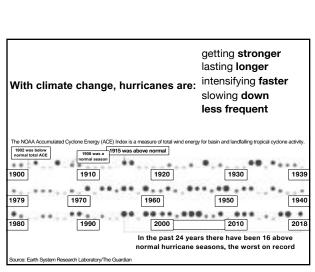


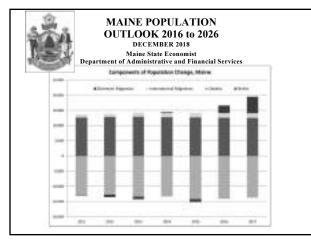












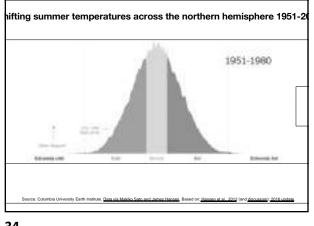
You are seeing an 8 year old boy with autism and longstanding history of aggression for which he takes several medications including quetiapine and cogentin. Last week, his psychiatrist increased his quetiapine dose as his behaviors escalated.

His mother has brought him to see you for an urgent care visit because he's been acting confused after he came home from playing outside for a few hours. He has complained of headache and nausea.

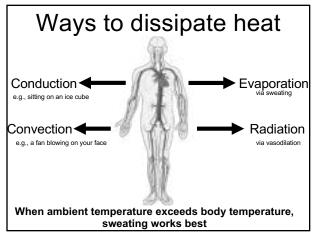
T 40.1 HR 130 BP 102/60 RR 22. He appears flush. His skin is diffusely red and dry. When asked what he was doing outside he said he had a great time dancing with wildcats.

What is your diagnosis?

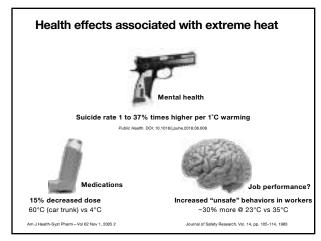


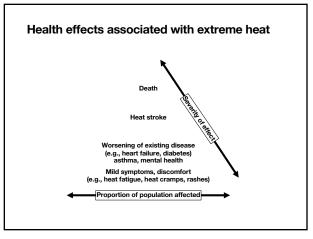


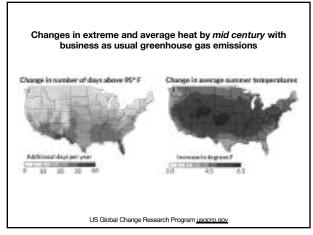
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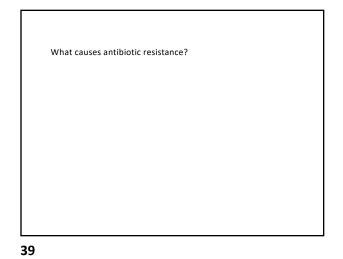


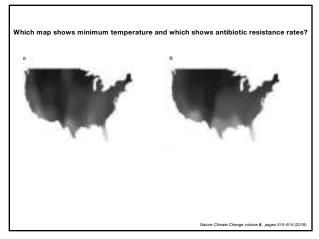
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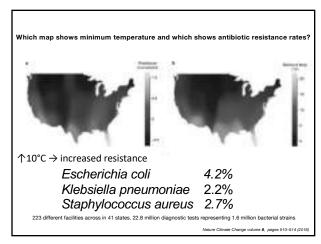












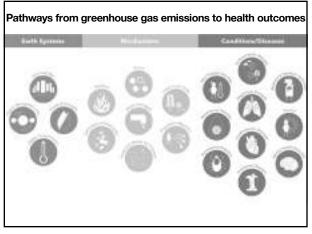


You are seeing a 12 year old M with a history of ADHD and depression, BMI of 32 with insulin resistance, and moderate persistent asthma. He presents for a well-child check-up. He takes methylphenidate, sertraline, montelukast, and fulticasone/salmeterol.

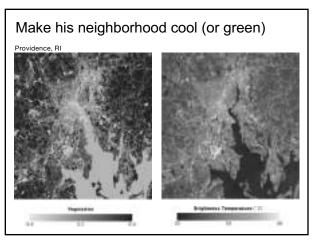
He reports that he has been short of breath several times a week and has been having difficulty walking more than a flight of stairs. He also says he avoids going outside.

He reports getting teased at school because of his weight and he is feeling increasingly down and has had passive suicidal thoughts.

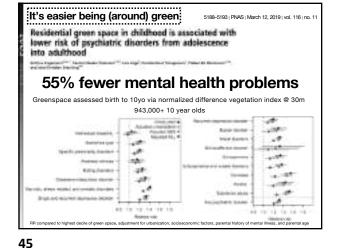
What can we do to improve the health of this child?





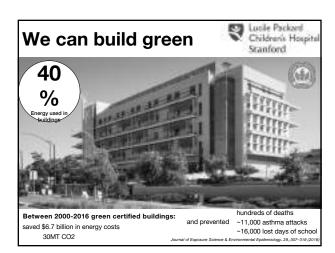


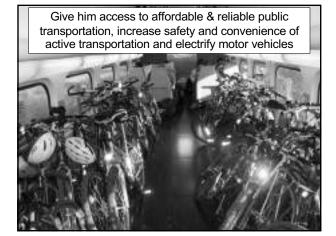


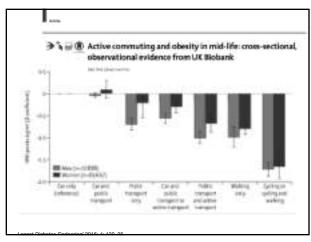








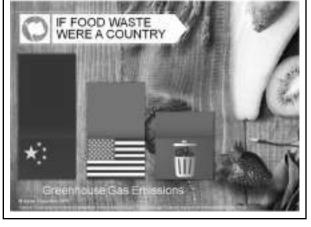


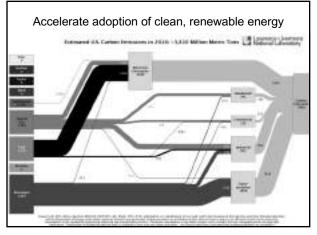


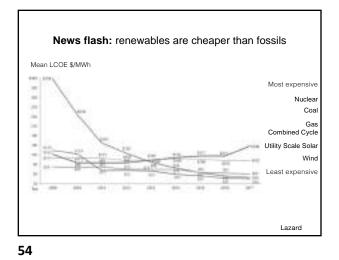




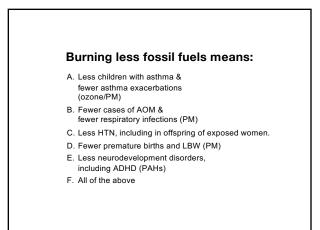


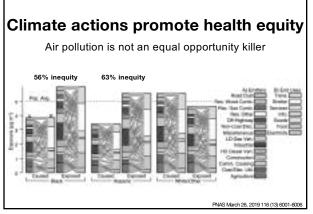






United States - Land Based and Othbole Annual Average Wind Speed at 100 m







We cannot leave anyone behind

