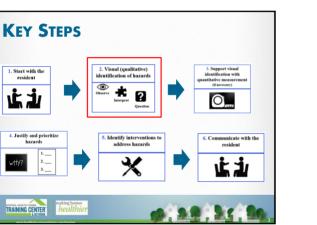
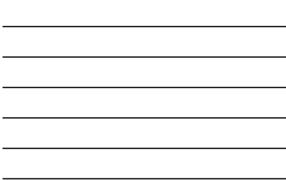
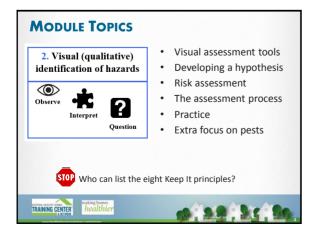
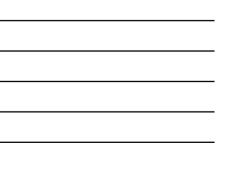
MODULE 3 STEP 2: VISUAL IDENTIFICATION OF HAZARDS

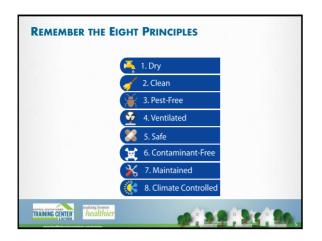


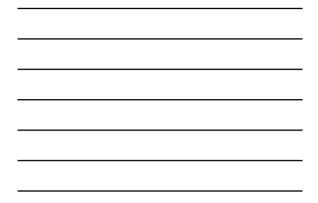










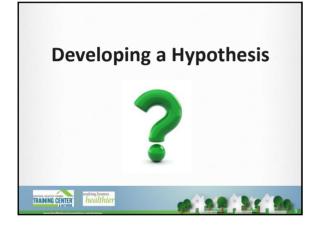






INTERVIEW AND VISUAL ASSESSMENT TOOLS Most interview tools have a visual assessment component. Bottom line is what works for you to do an assessment in a structured way.





THE HYPOTHESIS

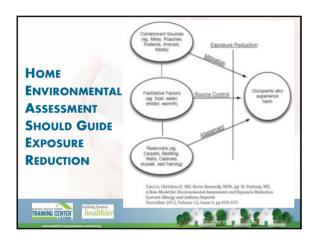
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- Start with a hypothesis that covers the purpose of the assessment (not the complaint).
- A hypothesis is a testable statement.

Remember: only health providers can make health and environment connections.







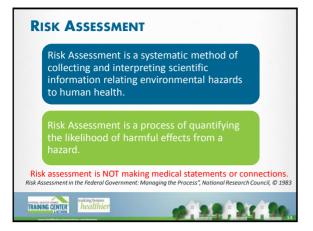


ASSESSMENTS SHOULD:

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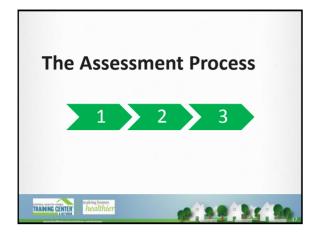
- Identify the nature and extent of individual hazards: <u>Risk Assessment</u>
- Determine the relative risk of different hazards: <u>Risk Analysis</u>
- Evaluate the interactions and synergisms between individual hazards: <u>Risk characterization</u>

Source: HUD Healthy Homes Issues: Residential Assessments, March 2006



Risk Asses	sment Steps*
Hazard Identi	ification
Hazard Evalu	ation
Consider dose	e-response
• Exposure Ass	essment
 Risk Characte 	erization







OBSERVE, INTERPRET AND QUESTION

- Observe, interpret and question steps are a mini-sequence, within the evaluation.
- First observe hazards and identify them.
- Second interpret what you see.
- **Third** follow up questions for the resident based on what you've observed.

- Water stain example, ask the resident "Did this water stain appear recently or has it been there a while?

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MORE ON INTERPRETATION

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- Interpretations are a combination of professional knowledge, experience and logic.
- Some interpretations may require research evidence to support conclusions.

What myths have you encountered?

WHAT ABOUT RENTAL PROPERTY?

- Assessment allowed if non-destructive
- Family should provide report to Landlord
- Issues identified that are code violations may need to be reported to code enforcement.



Hazards that require immediate attention due to the potential for posing an imminent danger to life and health.

Examples include:

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- <u>Physical:</u> loose stairs, child access to crawl spaces, structural deterioration or significant damage etc.,
- <u>Biological hazards:</u> Sewer back ups on carpets where people are using the room, etc.,
- <u>Chemical hazards</u>: poisons, drugs, chemicals, lead paint/dust hazards, detectable carbon monoxide or gas leaks, etc.,

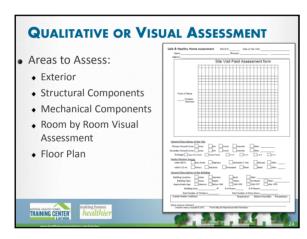


CHRONIC HAZARDS: (REVIEW) Hazards which do not pose an immediate danger to life and health but do promote allergies, asthma, lead poisoning, pesticide exposure, or other chronic health conditions. Examples include: Physical: Poor HVAC maintenance, windows in disrepair, foundation cracks, minor roof damage, plumbing leaks Biological: Observed/reported pests, condensation and microbial growth, open cracks/gaps in siding, wet/damp drywall

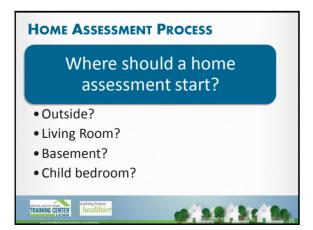
<u>Chemical:</u> poorly operating stove, lack of ventilation/ exhaust fans in bathrooms and over gas stoves

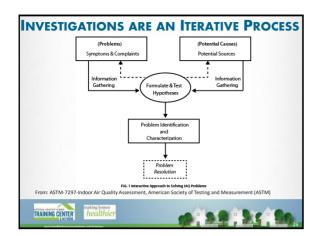






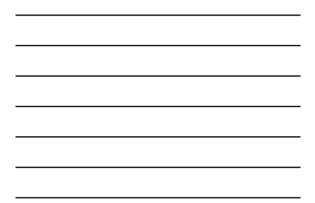


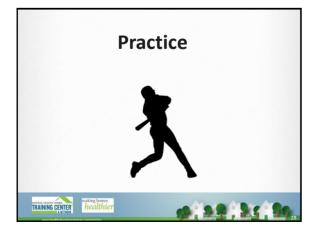




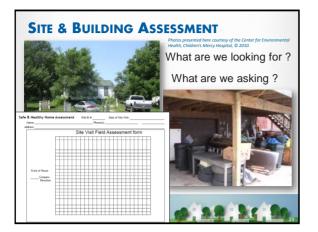


	2.0 Mechanical Assessment:	Site Visit Field Assessment form
VISUAL ASSESSMENT	Europe System Type: Hen Constant property extended to water Data coverse company, they are an Data coverse company at the base bases of the system of the system the set of the system of the system of the property water and an water Const. Filter star Response filter star Response filter star Filter changed quadraty proce Filter stars	
Mechanical	Hamidthar Roperty attached & scaled Any reported inside leals Any supert mail vicibia Water supply line convected property	To No IA To' Wet but ver dorref Orni and
Components:	Central Alx Any reported instate teals Candition of cancers time Of Candersate have extend into Official Candersate have extends into drain	See He HA TA' Whet base were observed? chronic appr
 Furnace/AC 	Water Hapter Type: Any reported insiste leaks Condition of pressure retief value	The No NA TA' What lease were observed.
 Window AC 	Nider tamp set < 1277 Stati ortras ps line Exhaut atlaining property Exhaut spatem voria (seg. flow)	Marcel Marg. (1) Marcel Marg. (2) Notes to solar J. Rep
 Water Heater 	2.0 Appliance Assossment: <u>Street</u> Type: Barren:/ormispeaking property Gai dave: 10:00 detected	Its No IIA Acter Web bars ver observed Acter a Health Safety Asserd
 Main Plumbing 	Steel orintex gas line Vecking schead system Drivated to outside Card condition OK	
 Kitchen Plumbing 	Washar Water draining property His reported intrible water limits GCTI technical functions Card condition CR	In the IA TA' that is an over observed
 Bathroom Plumbing 	Dispar Types Start or braze gas line Dryer ducting condition Dryer duct enhance to outside Card condition OK	Vie No 14. To: Viet laan vere danned and commend
	Children's Mency Haspital & 2010	Frank May the Reproduced with Permission
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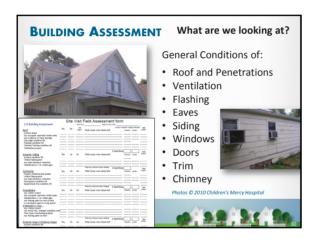














WHAT ARE WE ASKING?

- Are some rooms colder than others?
- Have you seen any rats or mice around the outside or inside of your home?
- Have you had any plumbing problems?
- Other examples?











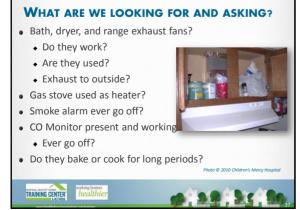
WHAT ARE WE LOOKING FOR?

- Visual evidence of damage
- Evidence of moisture issues
- General condition of exhaust vents
- Check for negative flow
- Are they connected?
- Furnaces, boilers, fireplaces vented
 Check both ends if
- Check both ends in possible

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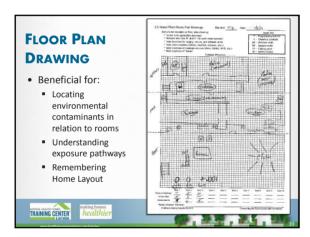








3.0 FHA Room Survey: Child	Site Visit Field Assessment form
Keep it Ventilated Working supply vent	Yes No Applin. What issues were observed?
3.0 EHA Room Survey: M	aster Bedroom EHA ID #: Date of Site Visit
Koop it Vontilatod Working supply vent Supply vent open	Yes No Not is this o Health/Safety Hazard? Take Apple. What issues were observed? Chronic Acute Action?
3.0 EHA Room Survey: Fa	Mily Room Site Visit Field Assessment form
Koop It Ventilated Working supply vent Supply vent open Supply vent open If return vent present - working Return vent(s) unobstructed If windows present-operational Room under (+) present	The period of the set
Koop it Cloan Excessive visible dust is carpeting present Carpet condition OK	Ves No NA What issues were observed!



THINGS TO LOOK FOR IN ROOMS

- Windows, do they work?
- Evidence of condensation
- Evidence of moisture stains
- Number of moisture reservoirs
- Number of dust reservoirs
- Lingering odors or stale air
- Level of cleanliness
- Level of clutter

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- Smoke alarms observed?
- Unvented gas or kerosene heaters
- Overload electric cords





























