

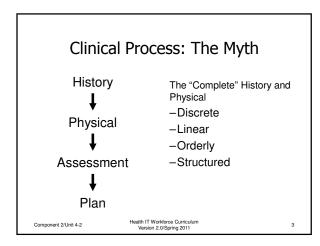
## My ankles are swollen

- Example case: a man who came to the clinic because of ankle swelling. The clinic assistant says "blood pressure two-twenty-five over one-forty" as she brings in a man with his shoes untied and loosened, with ankles bulging over the top. He looks healthy enough, but he's a little pale. He says he's a little short of breath after walking in from the parking lot, but his lungs sound clear, and he's only breathing twelve times a minute.
- "Do you smoke?" you say. "Used to -I quit three years ago." He says he's been gaining weight lately, and his clothes are fitting tight. You check his heart, which has an S4 gallop, but no murmur. You ask about his clothes first his shoes, then later his pants felt too tight. You check his abdomen, which shows no tenderness, masses, or enlarged organs. Then he recalls that he was on medication for blood pressure a few years back, but stopped taking it because he felt 'slowed down'. You check his pulse, which is 120, and notice a two-plus pitting to the mid shin. "Ever been sick before?" you ask. No, never in all my thirty-nine years, except once when I got a rash from aspirin. Oh yeah, and to have my tonsils out."

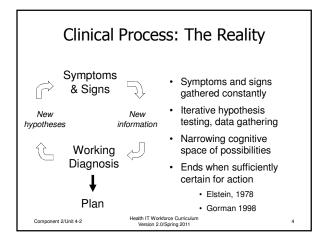
Component 2/Unit 4-2

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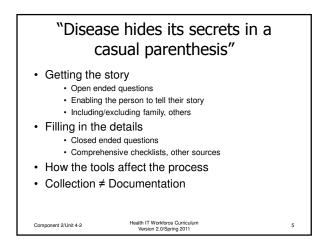
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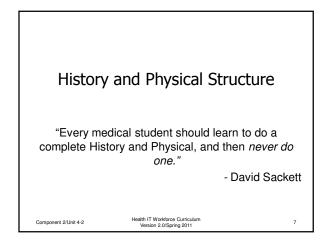


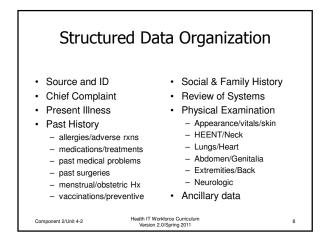






Step Two analyzing findings Part 1: Giving Structure to the Data





## Select the Important Information

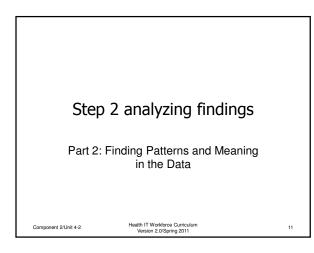
The clinic assistant says "blood pressure 225 over 140" as she brings in a man whose shoes are untied and loosened, with ankles bulging over the top. He looks healthy enough, but a little pale. He says he's a little short of breath after walking in from the parking lot, but his lungs sound clear, and he's only breathing 12 times a minute. "Do you smoke?" you say. "Used to - I quit three years ago." He says he's been gaining weight lately, and his clothes are fitting tight. You check his heart, which has an S4 gallop, but no murmur. You ask about his clothes: first his shoes, later his pants felt too tight. You check his abdomen, which shows no tenderness, masses, or enlarged organs. Then he recalls he was on medication for blood pressure a few years back, but stopped taking it 'cause he felt 'slowed down'. You check his pulse, it's 120, and notice 2+ pitting to mid shin. "Ever been sick before?" you ask. No, never in all my 39 years, except once when I got a rash from aspirin." "Oh yeah, and to have my tonsils out."

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Give Structure to the Data	
History	Physical
<ul> <li>HPI progressive wt gain, shoes then pants fit tight exertional dyspnea.</li> </ul>	<ul><li>GEN pale, healthy M</li><li>VS 225/140 120 12</li></ul>
<ul> <li>ALL ASA: rash; HTN Rx: 'slowed me down'</li> </ul>	<ul><li>HEENT</li><li>NECK</li></ul>
• PMH ? HTN on ?Tx	<ul> <li>LUNGS clear</li> <li>HEART S4, no M</li> </ul>
<ul> <li>SOC quit smoking</li> </ul>	ABD nontender; no HSM
SURG tonsillectomy	<ul> <li>EXT 2+ pitting to mid shin</li> </ul>
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Hierard	chy for Clinical Data
Global Complex	syndromes commonly seen together
Diseases	specific conditions that cause syndromes
Syndromes	constellation of symptoms and signs
Facets	groups of findings related by pathophysiology
Findings	subset that is relevant to his care
Observations (may fit one Dx, multiple Dx, or no Dx)	everything we noticed and noted (the complete history and physical)
Empirium	description of clinic, staff, light, sound, etc.
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Global Complex	none so far
Diseases	HTN? alcohol? ischemic HD? toxin?
Syndromes	Heart failure? Anemia?
Facets	weight gain+edema; 225/140 + S4; pallor; tachycardia
Findings	weight gain, DOE, Hx HTN, smoker, pallor, clear lungs, S4, normal abdomen, edema
Observations	HPI progressive wt gain, shoes then pants fit tight exertional dyspnea, ALL ASA: rash; HTN Rx: 'slowed me down'PMH ? HTN on ?Tx SOC quit smoking SURC tonsillectomy
	GEN pale, healthy M VS 225/140 120 12 LUNGS clear HEART S4, no M ABD nontender; no HSM EXT 2+ pitting to mid shin
Empirium	clinic environment, staff, distance to parking lot



