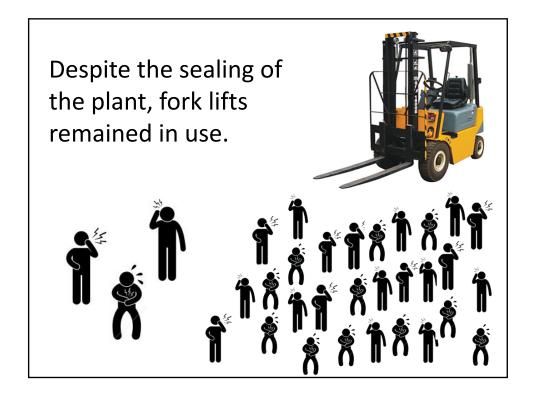


### Disclosure Statement

- Faculty: Ed Zuroweste, MD and Brent Probinsky, JD
- **Disclosure**: We have no real or perceived vested interests that relate to this presentation nor do I have any relationships with pharmaceutical companies, biomedical device manufacturers, and/or other corporations whose products or services are related to pertinent therapeutic areas





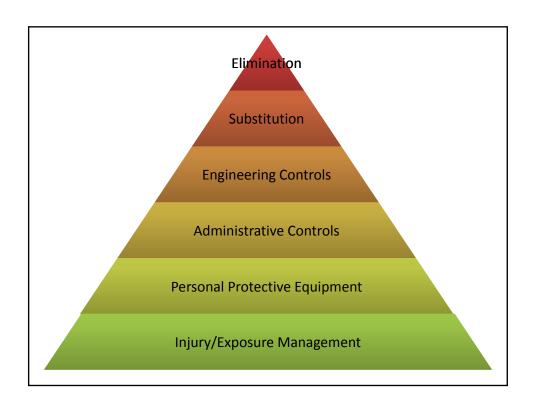




# **Take Away Points**

- 1. Linkages between individual cases and mass events
- 2. Objective clinical tests are important.
- 3. Under certain conditions it is possible to go back and extrapolate to determine exposure levels.

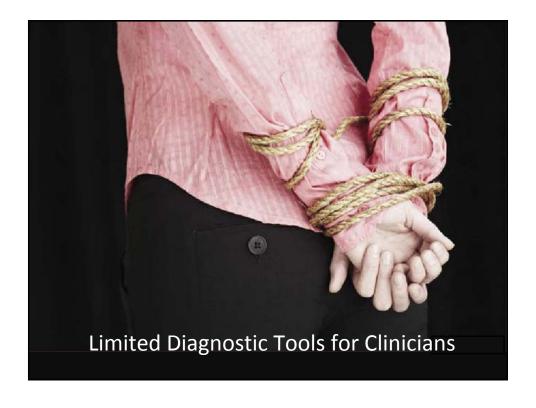
# Obstacles for Primary Care Providers/ Staff BUSY Unfamiliar terminology/ practice Public Health Paradigm Workers' Compensation/ Legal system/ Reporting Office Based

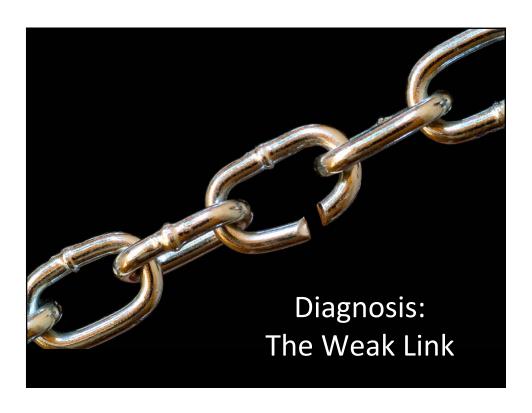


### **EOH Screening Questions for the Primary Care Setting** 3. Substances/ Physical Hazards and Cause 2. Activities and Cause 1. Occupation Are there any physical activities Describe what Are you exposed you do for work. to chemicals, that you do - at fumes, dusts, work or away from work – that noise, and/or high heat at your work or away you feel are harmful to you? from work? Do you think these are harming you?



# Differential Diagnosis ✓ Viral illness ✓ Food poisoning ✓ Hangover ✓ Heat exhaustion ✓ Medication reaction ✓ Malaria ✓ Pesticide poisoning ✓ Green tobacco illness ✓ Pregnancy (if female)





# Case Study

Clinician advocate for an injured worker...





# Goals of Workers' Compensation

- Medical treatment for injured patient
  - Immediate
  - Long term
  - Access to Specialty Care
- Wages
- Return to Work
- Prevention Hazard Control
- Public Health
  - Surveillance

Are undocumented workers eligible for workers' compensation in your state?



### What can clinicians do?

- ✓ Think like a lawyer!
- ✓ Similar to Criminal v Civil Law
- ✓ Criminal Beyond a Reasonable Doubt
- ✓ Civil More likely than not
- ✓ Medical Diagnosis v Occupational Exposure/Injury

### A Good Analogy



Acquitted in the criminal case Found culpable in the civil case



# What Can the Clinician Do?

- Document/Chart
- Work Related
  - Exposure
  - Illness
  - Injury
- Consult EOH Specialist



1,300 employees at Quality Pork Processors

14 developed new neurological disease

### Was it work related?

- ✓ All worked near "blowing brains" area
- ✓ Only 3 plants use technique
- ✓ Several workers consulted company nurse—actions?
- ✓ Interpreter reported to physician that she heard the "same story" from three patients

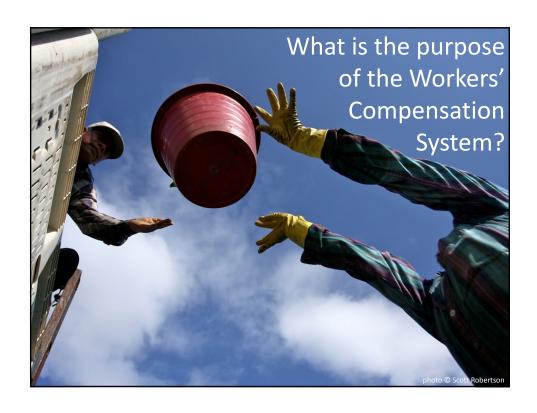


## Progressive Inflammatory Neuropathy (PIN)

Could have been a lot more imaginative and called it...

Progressive Inflammatory Globalneuropathy Syndrome

## **PIGS**



### For the worker...

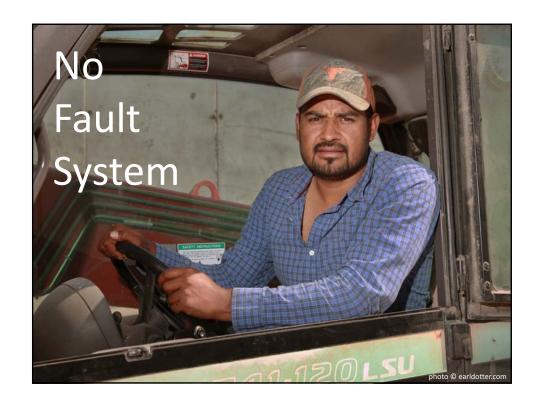
- ✓ Injured worker entitled to immediate medical care and a percentage of lost wages.
- ✓ Injured worker is entitled to receive all necessary medical care for life.

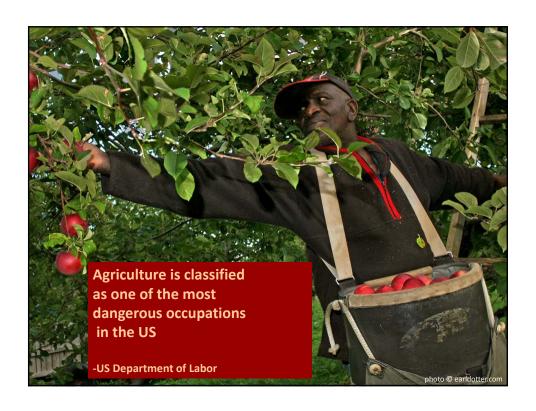


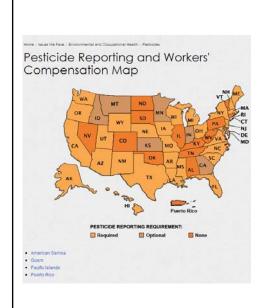
# For the employer...

- ✓ Immunity from suit by employee due to any negligence by employer.
- ✓ No immunity for intentional acts such as battery or sexual assault against employee.









- ✓ Varies from state to state.
- ✓ Most states allow undocumented workers to receive workers' compensation benefits.
- ✓ Employers who hire temporary workers under the H-2A visa program are required to provide workers' compensation benefits.

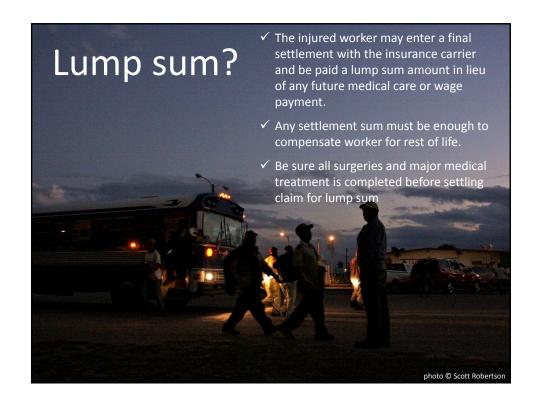
### What is Covered?

- ✓ Pays the injured worker a percentage of lost wages while disabled, ranging from 66% to 75% of average weekly wage.
- ✓ Pays the cost of all necessary medical care, diagnosis and treatment. Will include emergency care, surgery, hospitalization, physical and occupational therapy, counseling.
- ✓ Will cover pre existing illness or injury if new work injury was "the major contributing cause" of the illness or injury. New injury must cause more than 50% of injury.
- ✓ Will cover injuries while being transported at work from field to field, work related training and errands for employer.
- ✓ Death benefits for survivors of workers who die from injuries and illnesses on the job.

### Other Issues

- Notice of claim to employer must be made as soon as possible after injury.
- ✓ Insurance carrier will select medical providers unless emergency treatment.
- ✓ Injured worker may request a onetime change of medical providers if unsatisfied.
- ✓ Insurance carrier must provide an interpreter, transportation or mileage reimbursement for medical visits.
- ✓ The insurance carrier pays for attorney's time for securing unpaid benefits.







# Clinician must be aware of symptoms caused by exposure to toxic chemicals

- 1. Skin lesions and swelling
- 2. Nausea, vomiting, disorientation,

confusion

- 3. Dizziness
- 4. Vertigo
- 5. Fatigue
- 6. Depression
- 7. Blurred vision

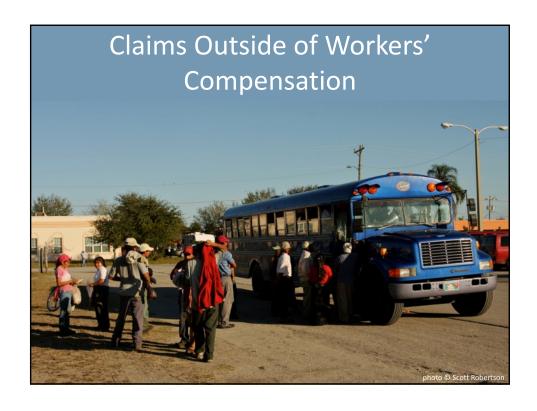




### Other Follow-up

- ✓ Notify state and local agencies of suspected chemical exposures so that formal investigations can take place
- ✓ Notify employer of chemical exposure by worker with date and location of exposure.
- ✓ Continue assistance to injured farm worker by clinician and social worker to be sure farm worker follows up with needed diagnosis and medical care.







- ✓ Claims against employer for intentional acts, such as battery and sexual assault.
- ✓ Accidents that are caused by third parties, such as vehicles operated by persons who do not work for same employer.
- ✓ Defective products such as tractors, mowers, hand tools, automated packing tables that cause injury.
- ✓ Birth defects to child born to farm worker's chemical exposure.

