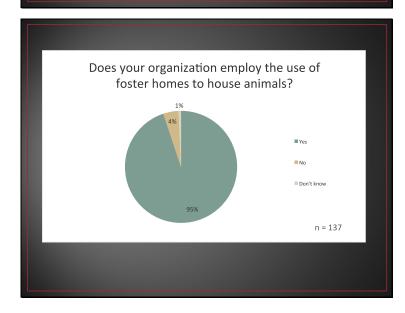
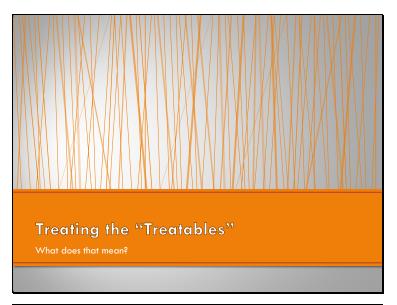
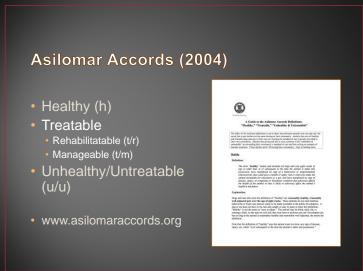
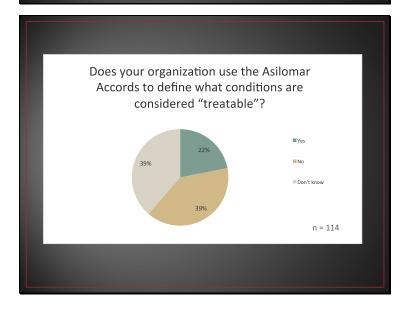


# Ambitious plan for tonight Discuss medical decision making, quality of life, and treatable conditions, especially with foster care in mind Review elements of state veterinary practice acts that impact foster treatment protocols and provision Outline how medical protocols can be used to expand treatment in foster homes Present several case examples of medical foster success Questions, maybe some answers









### Asilomar Accords (2004)



- Stated intention
  - to enable uniform and accurate data collection across animal sheltering organizations
- Other outcomes
  - Put shelter animal care at the level of owned animal care in the community
  - Promote organized decision making in organizations

### Defining "treatable" for your organization

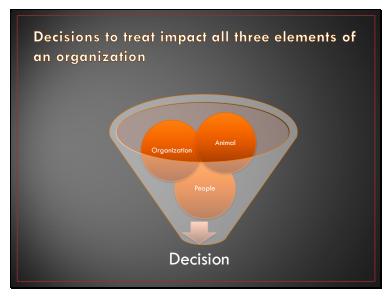
- "reasonable owner in your community"
  - Animal factors
  - People factors
  - Disease factors
- Good animal welfare
  - Quality of life
  - Amenable to treatment



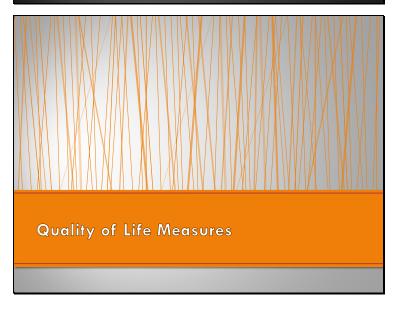
### Asilomar Accords (2004)

- Each community (shelter, staff, vets, public) may create a pet evaluation matrix to classify conditions
- IMPT!!: Not the last word in decision-making
- Incorporates both behavioral and medical health

Ringworm (mild, uncomplicated)	F	TR	Otherwise healthy cats amenable to topical and oral treatment and able to be isolated for 4-6 weeks.
Sarcoptic mange	C, F	TR	
Seizures (regulated)	C, F	TM	Came with history and well- regulated on medication
Seizures (unregulated, refractory)	C.E.	UU	Poor prognosis. Difficult management in shelter. Not adoptable in most cases.







### Quality of Life (QOL) tools in Human Health Care

- General areas of assessment
  - Physical and mental health
  - Health risks and condition
  - Functional status
  - Socioeconomic statu
  - Social support
- Examples
  - WHOQOL-BREF tool self reporting
  - CDC HRQOL (health related quality of life) Healthy Days Core Model



### Philosophical Frameworks for QOL assessment tools

- Objective list theory
  - Things that are objectively good for an individual
  - They may not know what is good for them
  - Objectively measurable physical or physiologic parameters
- Preference satisfaction
  - Personal desires and preferences
- Hedonism
  - Being in a positive state with absence of any negative feelings

(Wojciechowska 2005)

### Methods of assessing QOL

- By proxy
- By observation and interpretation
  - Physiological parameters
  - Behaviors
- Direct reporting/ self assessment (humans)

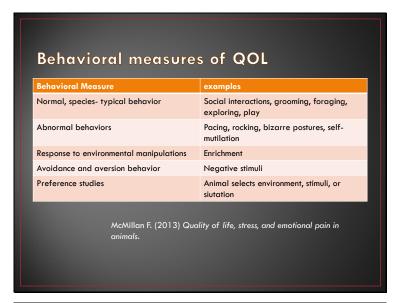


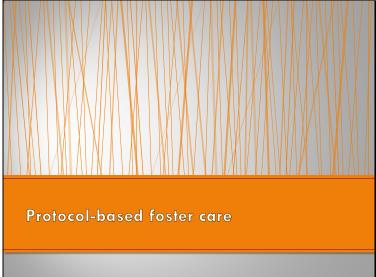
# General Concepts for Assessing QOL Comfort and Discomfort Medical health Emotional health Fulfillment of fundamental needs Control over one's environment Social relationships "Quality of life in animals is a balance between pleasant and unpleasant feelings" (McMillan 2003)

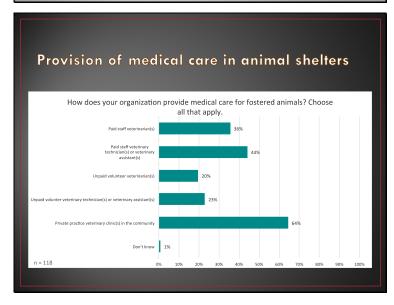
### Examples of Proxy Assessments for Animals

- 1. Hartmann and Kuffer (1998)
  - QOL for FIV cats
  - Owners answered questions about the cats mental and physical welfare
  - Vets answered questions about general medical condition
- 2. FETCH (functional evaluation of cardiac health) (2003)
  - Targeted for specific illness/population
  - Dogs with cardiac disease
- 3. Wiseman-Orr (2004)
  - Chronic pain in dogs
- No gold standard for QOL assessments

	Quality of Life Scale (The HHHHHMM Scale)			
	Pet caregivers can use this Quality of Life Scale to determine the success of Pawspice care. Score patients using a scale of: 0 to 10 (10 being ideal).			
	Score	Criterion		
0 10 (11)	0-10	HURT - Adequate pain control & breathing ability is of top concern. Trouble breathing outweighs all concerns. Is the pet's pain well managed? Can the pet breathe properly? Is oxygen supplementation necessary?		
Quality of Life	0-10	HUNGER - Is the pet eating enough? Does hand feeding help? Does the pet need a feeding tube?		
assessment	0-10	HYDRATION - Is the pet dehydrated? For patients not drinking enough water, use subcutaneous fluids daily or twice daily to supplement fluid intake.		
tool	0-10	HYGIENE - The pet should be brushed and cleaned, particularly after eliminations. Avoid pressure sores with soft bedding and keep all wounds clean.		
Or. Alice Villalobos	0-10	HAPPINESS - Does the pet express joy and interest? Is the pet responsive to family, toys, etc.? Is the pet depressed, lonely, anxious, bored or afraid? Can the pet's bed be moved to be close to family activities?		
awspice	0-10	MOBILITY - Can the gred up without assistance? Does the pet need human or mechanical help (e.g., a cart)? Does the pet feel like going for a waik? It she bet having securizes or stumbling? (Some caregivers feel equitaries) are stumbling? (Some caregivers feel equitaries) are supported to amputation, but an animal with limited mobility set still alert, happy and responsive can have a good quality of life as long as caregivers are committed to helping their pet, 5.		
	0-10	MORE GOOD DAYS THAN BAD - When bad days outnumber good days, quality of life might be too compromised. When a healthy human-animal bond is no longer possible, the caregiver must be made aware that the end is near. The decision for euthanasia needs to be made if the pet is suffering. If death comes peacefully and painlessly at home, that is okay.		
	*TOTAL	"A total over 35 points represents acceptable life quality to continue with pet hospice (Pawspice).		
	Final Call, VPI Oncology: Ho International	quality to continue with pet hospice (Pawspice).  Consequence of the state of the s		







### The role of protocols in the shelter • Standard practices • Enable staff to enact care • Specific to foster care • Training for foster parents on basic aspects of disease recognition, supportive care, housing and decontamination, outcomes, and adoption implications • 24/7 emergency care • Clear expectations of what treatment entails

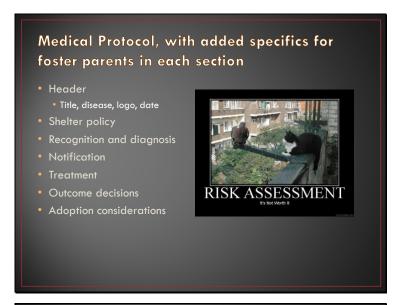
### Veterinary Practice Acts (state-level)

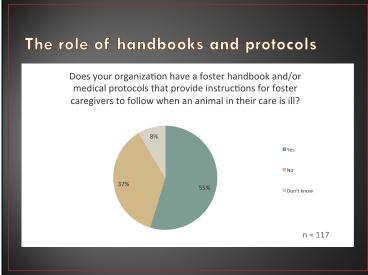
- Vary by state, but generally define the scope of veterinary practice limited to a licensed veterinarian
  - Diagnosis and treatment of disease
    - This is fairly consistent across state
  - Prescribing medications
    - Antibiotic
    - Prescription diets
    - Nutraceutical:
  - Performing procedures (surgical, alternative medicine, dental)
  - Providing medical treatment recommendations

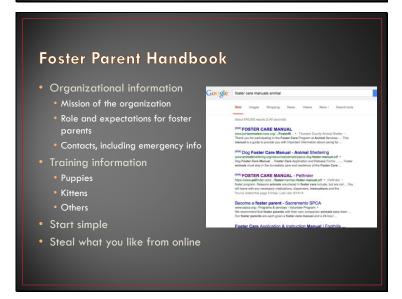
### $\mathcal{R}_{\mathsf{x}}$

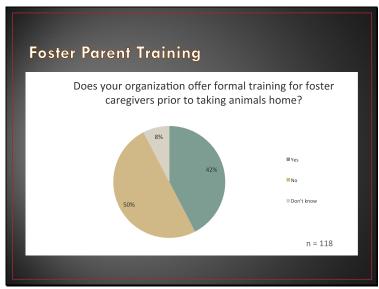
### **AVMA Model Practice Act (2013)**

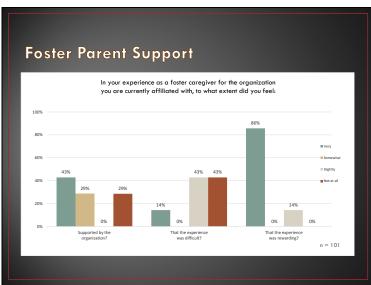
- "direct supervision"
  - licensed veterinarian is on the premises and assumes responsibility for the procedure
- "indirect supervision"
  - Vet does not need to be on the premises, but has given written or or oral instructions, is readily available by phone, and assumes responsibility
- Includes a shelter-specific statement
  - Trained employees may provide treatment for shelter-owned animals in compliance with written standard protocols developed in consultation with a veterinarian

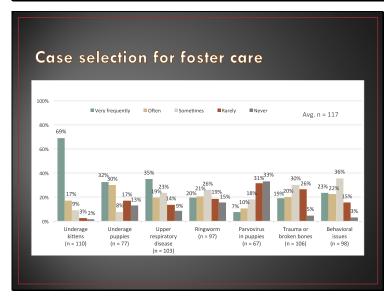












### Foster parent support

- - Specific to types of fostering
  - Videos: See Maddie's Institute training videos on orphaned kittens
     Handbook: See SPCA SF for model
- - Adequate supplies
- - List-serv, google documents, emergency contacts
  - See Animal Sheltering article re: "on-deck" system

### Foster care needs to be planned, not default

- Shelter's role
  - Case selection

  - Exit plan
  - Matchmaking
- Foster's role

  - Don't burn out; we need you!

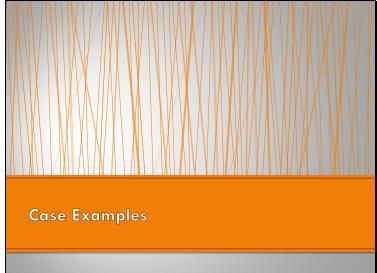


### **Veterinary Support**

- - On-call shelter medical staff
- - Emergency clinic
- role of an owner, NOT a veterinarian. Just like owners, with special training, they may provide more care....



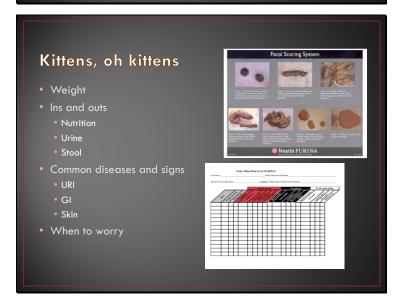






## Orthopedic cases: role of the foster home • Short term supportive care with a CLEAR diagnosis and prognosis • Cage rest is usually critical • Behavioral enrichment • Manage and assess pain, medicate as needed • Physical therapy?

# Parvovirus Outpatient Protocol (CSU) Colorado State Outpatient Protocol Injectable antibiotic at hospital Antiemetic and pain medications Intravenous (hospital) and subcutaneous fluid administration (home) Bigger challenge is biohazard management Special training Puppy socialization may be improved. Clear communication re: outcomes. These are critically ill patients.



# Lots of resources for kitten fostering Maddie's Institute Videos Topics Examining Bottle Feeding, Bathing and Weaning an Orphaned Kitten Stimulating an Orphaned Kitten to Urinate and Defecate Tube feeding demo https://www.youtube.com/watch?v=E1\_BZn\_e X4M





















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   2014
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- Wojciechowska J, Hewson C. Quality-of-life assessment in pet dogs. JAVMA 2005;226(5):722-728.







**Additional Notes:**