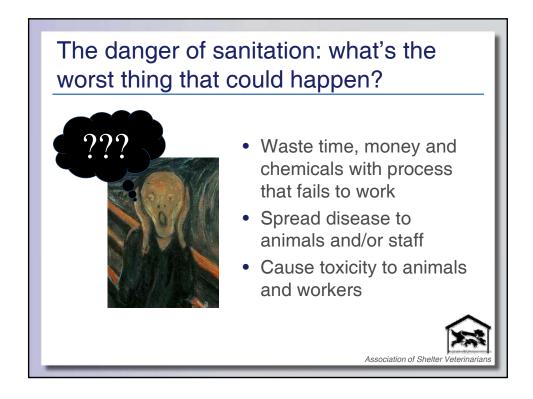


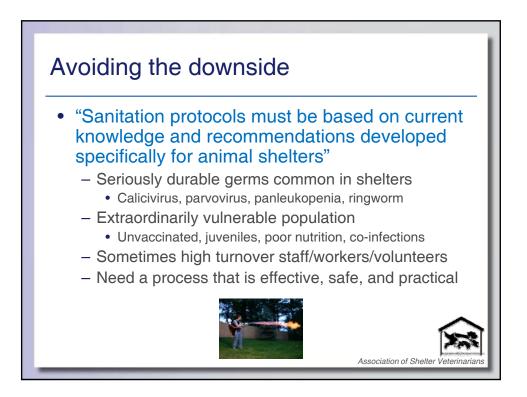
#### The upside of sanitation: what's the goal?

"Good sanitation is an integral part of humane animal housing. Proper cleaning and disinfection practices help reduce the transmission of infectious diseases to both animals and people, and result in a cleaner and healthier environment. A clean shelter also has the added benefits of increasing the comfort level of the animals and presenting a positive image of the shelter to the public."

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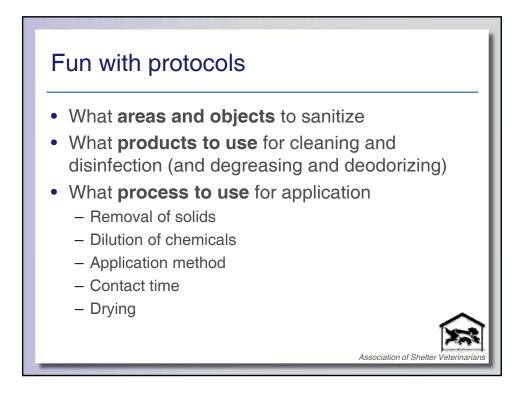
3

# The importance of protocols

"Protocols must be developed and documented in sufficient detail to achieve and maintain the standards described in this document, and updated as needed to ensure that they reflect current information and pertinent legislation."



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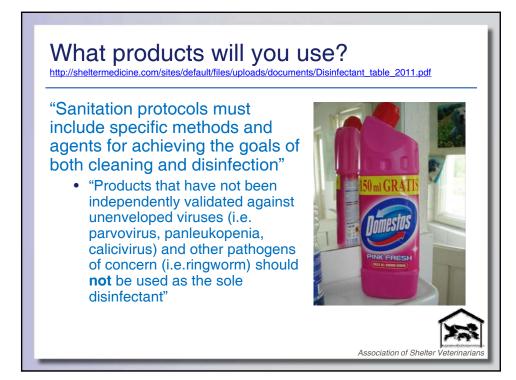


# Resources for protocol development

- Maddie's Infection
  Control Manual
- Infectious Disease Management in Animal Shelters, Chapter 4 (Miller and Hurley, Wiley-Blackwell, 2009)
- www.sheltermedicine.com











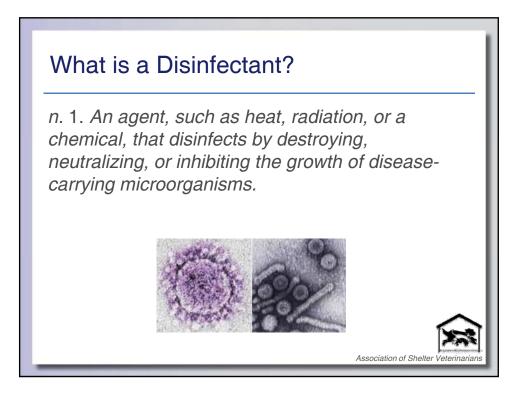


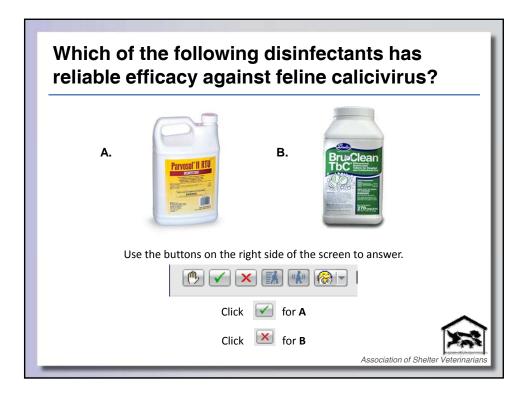
### What is a degreaser?

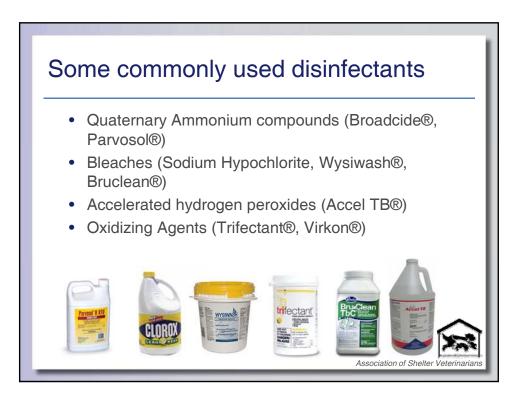
Degreasers are more powerful detergents specially formulated to penetrate layers of dried on body oils and other greasy debris. They are used periodically to remove build up that can render disinfectants ineffective



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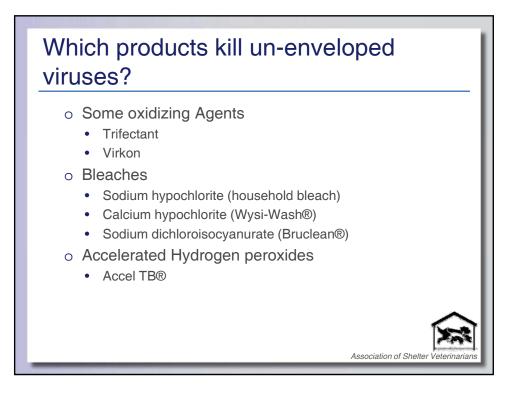
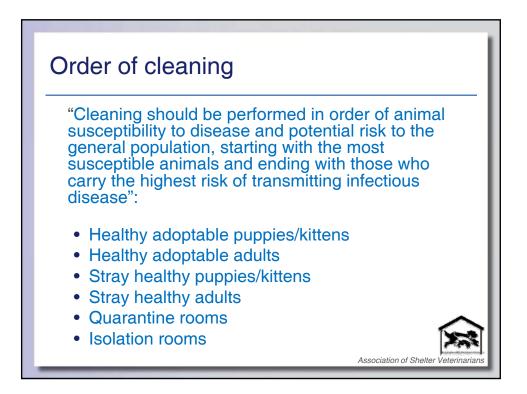
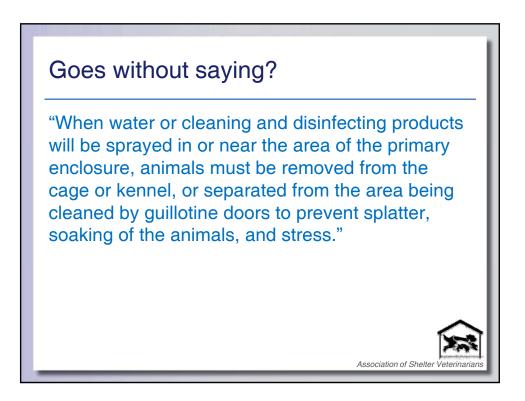
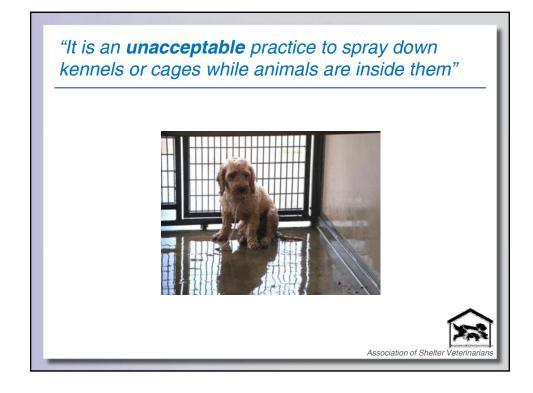


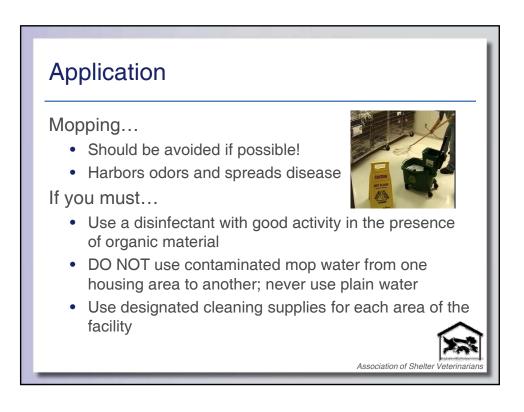
TABLE. Chemical con certain organisms, an								
disinfection	a selected pro			to that should		when used for		
Chemical compounds	Chlorine* 0.01%–5%	lodine iodophor 0.5%–5%	Chlorhexidine 0.05%–0.5%	Alcohol <sup>†</sup> 70%	Oxidizing agents 0.2%-3%	Phenol 0.2%3%	Quaternary ammonium 0.1%–2%	
Selected products Effectiveness of chemica	Clorox®	Tincture/ Provodine	Nolvasan®	Rubbing alcohol	Virkon-S®	pHisoHex®	Roccal-D®	
Bactericidal Bacterial spores	Good Good	Good Poor	Good Poor	Good Poor <b>1</b>	Good Fair to good	Good Poor	Good Poor	
Virucidal Envelope viruses	Good Yes	Good Yes	Poor Limited	Fair Yes	Good Yes	Poor** Limited	Poor Limited	
Nonenvelope viruses Fungicidal	Yes Good	Limited Fair	No Fair to good	No Good	Yes Fair	No Fair	No Fair	
Protozoal parasites	Fair (concentrated)	Poor	Poor	Poor	Poor	Poor	Fair (ammonia)	
Properties of chemical di Effectiveness							(anniona)	
in organic matter	Poor	Poor	Fair	Poor	Poor	Good	Poor	
Inactivated by soap Effective in hard water	No Yes	Yes	No Yes	No Yes	No Yes	No Yes	Yes No	
Residual activity	Poor	Poor	Good	Fair	Poor	Poor	Fair	
Source: Adapted from the * Bleach should be mixed chlorine). † Rubbing alcohol is flamm	d fresh daily and r					5% solution provid	les >1,500 ppm	
§ Effectiveness as a bacte = moderate effect; and p no = not effective.	ricidal, virucidal, or oor = inferior effect	fungicidal agent Effectiveness in	and effectiveness in e eliminating envelope	liminating bacter and nonenvelop	ial spores and proto a viruses: yes = effe	zoal parasites: goo :tive; limited = mod	d = effective; fair erate effect; and	
				Mix E 75% ooluti	on of hypochlorite 1:	1 with 50% othyl al	cohol/water. Mix	

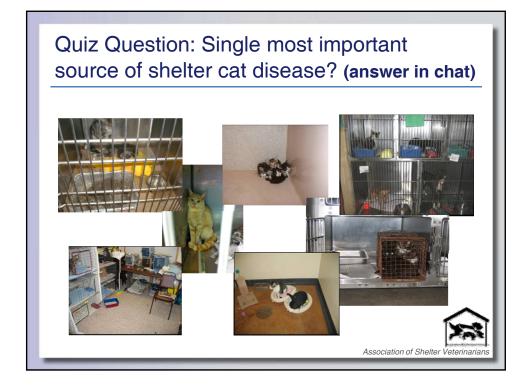


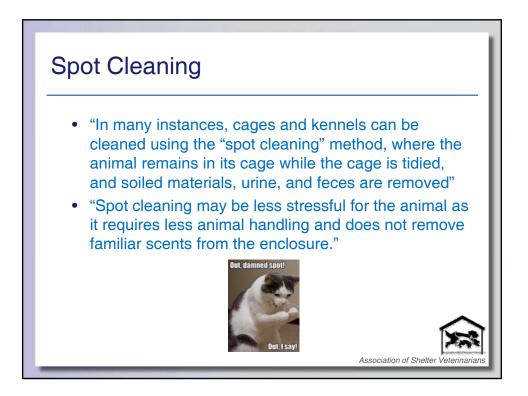






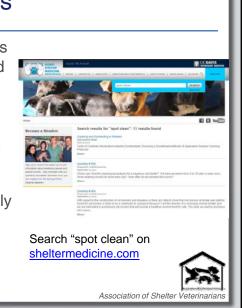


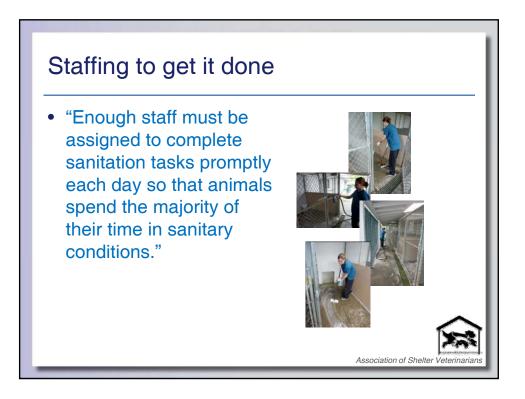


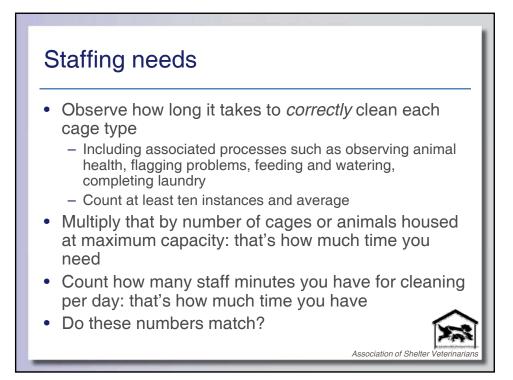


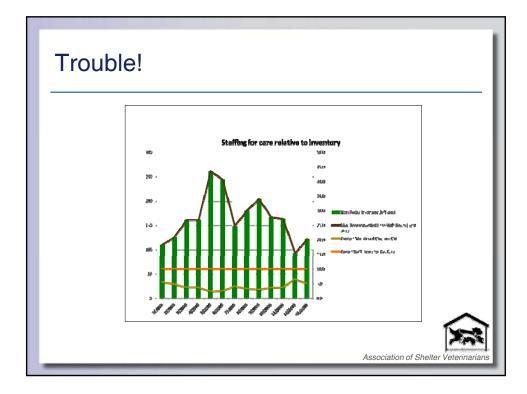
# Spot cleaning details

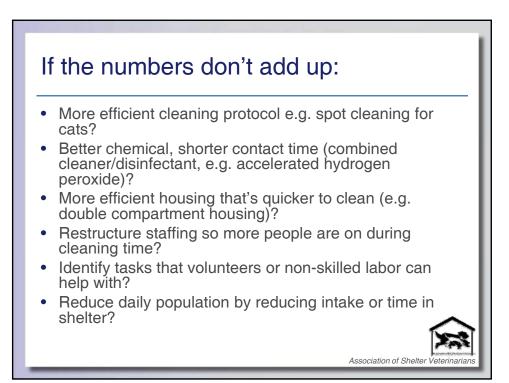
- Change gloves between cats
- Confine cat to one side, hold gently with gloved hand, or place in carrier within cage
- Tidy cage, freshen water, replace food and litter
- Use water, detergent, paper towel or single use rag to wipe visible debris
- Leave bedding unless heavily soiled
- Open and close cage doors quietly

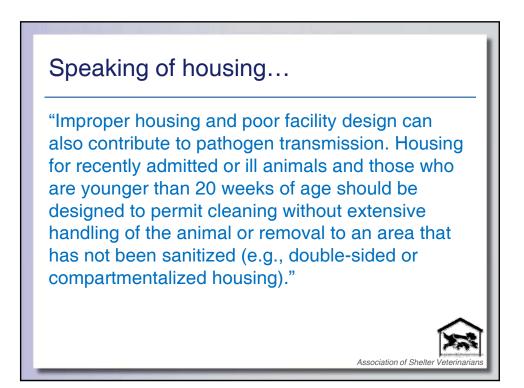
















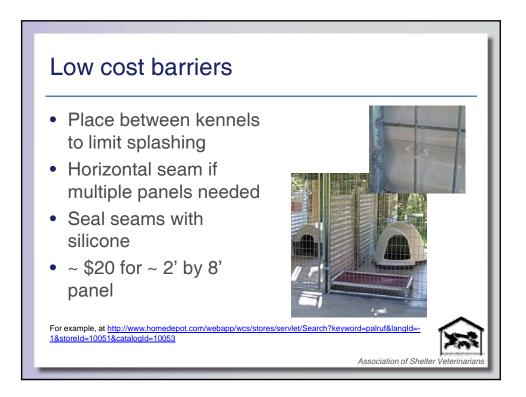




### Low cost barriers

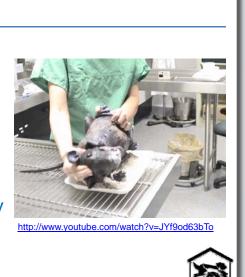
After researching many 'made for kennel' solutions that we could never afford and being very discouraged, one sleepless night I thought of **roofing panels**..... Turns out that roofing panels used to be made of tin, then fiberglass... well now they're made of **inexpensive PVC** – and make excellent and very **affordable kennel barriers**!!! ... They are not just very affordable, but also very easy to work with – they can be cut to size with tin snips, and all we did to attach them was drill a pair of small holes in about 5 places and attached them with a zip cable tie!! They are not perfect in that they do not create a water-tight barrier at the bottom, but they do **stop 100% of the nose-to-nose contact and fecal contamination across kennels**. They are incredibly easy to clean and impervious to disinfectants.

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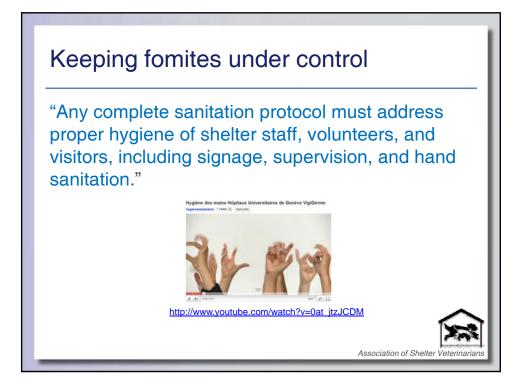


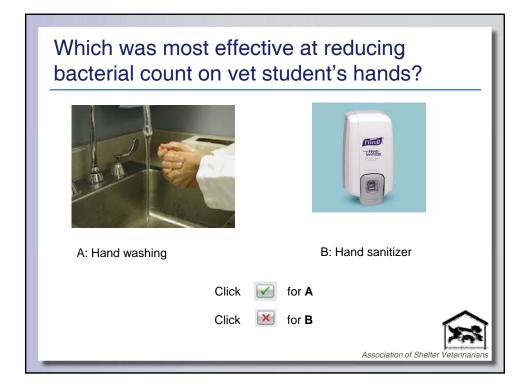
# Are you a fomite?

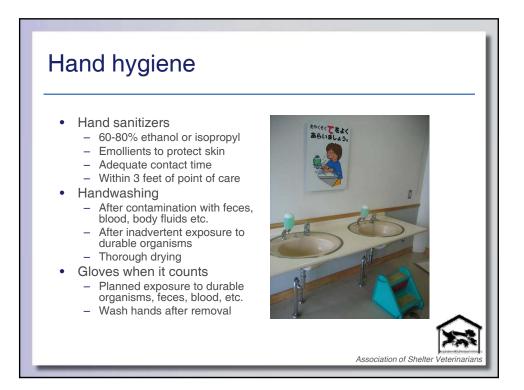
 A fomite is an object that may be contaminated with pathogens and contribute to transmission of disease. The human body and clothing may serve as fomites.

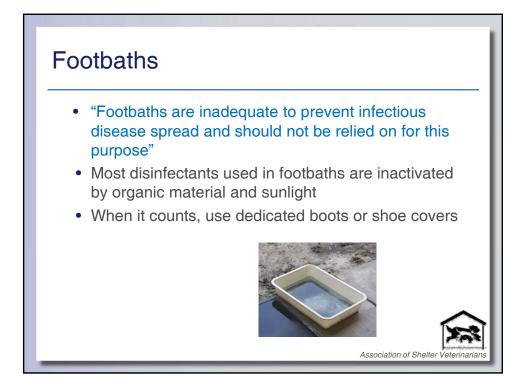


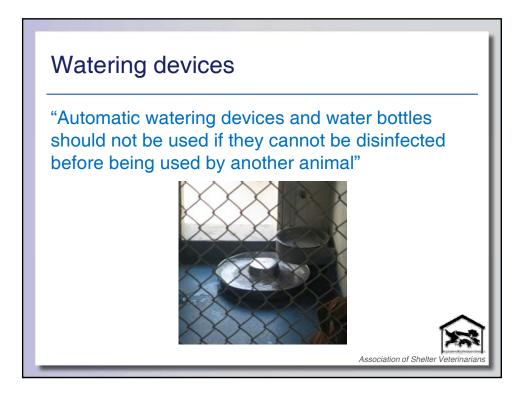
Association of Shelter V

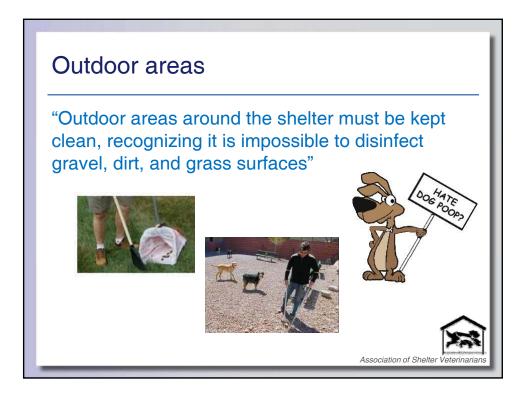














### Making sure it happens

Adequate training is required to ensure humane animal care, as well as staff and public safety (ILAR 1996). This includes allocating time and resources for employees and volunteers to complete training prior to undertaking responsibility for tasks.

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