



PSPCA OUTPATIENT PARVO CLINIC

JEFFREY STUPINE, V.M.D.
HEAD VETERINARIAN, WELLNESS

PENNSYLVANIA SPCA
The Advocate for Animals
SINCE 1867



PENNSYLVANIA SPCA

Founded in 1867, PSPCA is the second oldest animal welfare organization in the United States.

Largest and most comprehensive animal welfare organization in Pennsylvania, and the largest no-kill shelter in Philadelphia.

2015	9,569 WELLNESS VISITS	11,884 CORE VACCINATIONS	8,332 CRUELTY & NEGLECT INVESTIGATIONS	4,672 ANIMALS ADOPTED	6,573 SPAY/NEUTER SURGERIES
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MISSION
To protect animals, prevent cruelty and improve the health and quality of life for animals in Pennsylvania.

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DONATE: www.PSPCA.org




*There are a million reasons
not to do anything
but it only takes one
reason to do something.*

**We were tired of sending dogs away who had no where else to go, no other options.
So, we did something.**

In our nine week clinic, 84 percent of treated dogs made a full recovery.


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WHAT IS CANINE PARVOVIRUS?




- Canine Parvovirus 2 (CPV-2) is highly contagious and one of the most common, serious diseases seen in shelter populations
- A dog of any age can contract Parvo, but most cases are of canines under two years of age
- Dogs become infected through direct contact with virus-containing feces or indirectly through fomites, including infected soil
- The virus relies on humidity and warmth to survive
- Clinical signs usually develop within three to seven days after exposure, but can occur up to 14 days later
- **Canine parvovirus infections are almost always preventable with proper vaccinations**


CREATING AWARENESS



FLIERS




ADVERTISEMENTS



**PARTNERSHIPS
& FREE VACCINES**

PARVO TEAM




Dr. Stupine graduated from University of Pennsylvania School of Veterinary Medicine in 2010.

Dr. Jeffrey Stupine

- Establish Vet Professional Client Relationship
 - *Recommended that all clients seek tertiary care or general practice before discussing outpatient treatment option*
 - *Discuss risks, including to other pets in house and neighborhood and obtain signature on waiver*
- Approve all treatment plans and changes
- Supervised all program activity

PARVO TEAM

Veterinary students



- Communicate with clients
 - *Google phone number and calendar*
 - *Dedicated email*
- Schedule appointments
- Administer treatments
- Track outcomes
 - *Google spreadsheet for treatment plans*
- Direct counseling

PARVO TEAM




Maddie's Fund®

Making all of this possible




PREVENTING

INFECTION



- Parvo-Land
- Cleaning protocols and Personal Protective Equipment
- Educated owners on their responsibility

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HYPOTHESIS

Home factor


- Dogs are less stressed recovering at home
- Less likely to acquire nosocomial

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HYPOTHESIS

Able to maintain hydration

- 52,000 milliliters of fluids were used while treating 56 infected puppies
- No patients developed subcutaneous infections or skin sloughing



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HYPOTHESIS

Customized courses of treatment are essential to a high survival rate


- Logging detailed records, treatments, and feedback enabled better treatment decisions

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HYPOTHESIS

Compliance led to success

- High rate of compliance contributed to the clinic's overall success
- Most owners were able to accommodate a twice-daily outpatient regimen
- Communication with pet parents was critical




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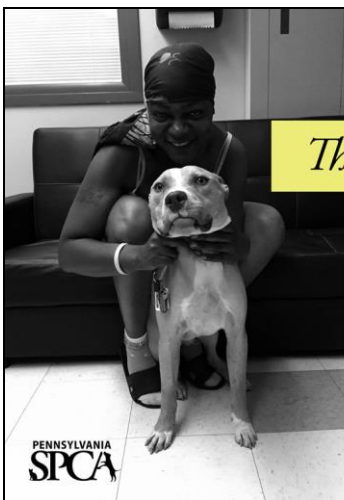
THE UNEXPECTED

Unexpected drop in Parvo cases

2015 POSITIVE PARVO TESTS BY DATE



Date	Number of Tests
JUNE 1-6	5
JUNE 7-13	7
JUNE 14-20	12
JUNE 21-27	20
JUNE 28-JUL 3	12
JUL 4-11	7
JUL 12-18	5
JUL 19-25	3
JUL 26-31	1



The clinic works.

- Not creating more infections
- Can be done in a cost-effective manner

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LOOKING FORWARD

Mapping

LOOKING FORWARD

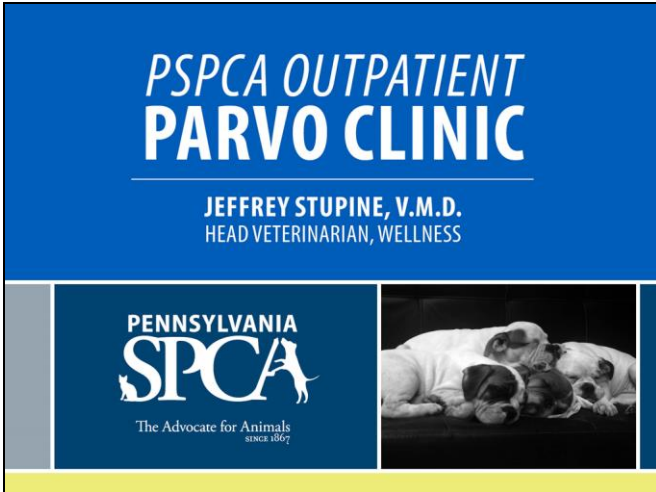
Fosters

- This clinic can be used in other shelters
- Parvo-Land
- Training fosters to administer treatments

It's not over

when the dot turns blue.

it's not a death sentence, not all hope is lost.



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A black and white photograph of several puppies huddled together.
