

Animal Birth Control/Anti-Rabies Vaccination (ABC/ARV) Project

Kodaikanal, one of the oldest hill station and now a wildlife sanctuary, is facing a serious ecological issue. With illegal buildings, encroachments, traffic, bad roads, pollution and the worst being the poor waste management in town. It is a terrible sight to see not only dogs feeding on overflowing garbage but also domestic cattle, horses, ponies, monkeys and even bison. When wild animals have easy access to food, why would they go back into the forest to fend for themselves, and even if they do need to, most of their grazing areas are encroached. This ultimately comes down to the poor waste management. It leads to the multiplication of dogs, which affects wildlife as well as the environment. Moreover, deadly diseases like Leptospirosis, tetanus, rabies, etc. are spreading. When stray dogs or semiowned dogs multiply, so does the threat of rabies which can infect and be transmitted by a wide range of mammals, but dogs remain the main reservoir.

Like many Indian cities, Kodaikanal has a growing population of street dogs. However Kodai is not a typical city. The natural beauty and temperate climate continue to attract new residents, seasonal residents, and short-term tourists, both domestic and foreign. This rapid population growth has put pressure on municipal infrastructure, affecting traffic and sanitary facilities, including the management of food waste. The overabundance of street dogs has resulted in an increasingly competitive environment for these animals, which in turn leads to abandoned puppies, underfed adult dogs, conflict between dogs, and sometimes aggression towards humans, which may result because of a threat of rabies. Addressing dog overpopulation in a humane solution and adopting the goal of hundred per cent rabies vaccination coverage, hand in hand with a plan for managing garbage and reducing street litter, will result in a safer, healthier environment for all Kodai citizens and the tourists who visit Kodaikanal. KSPCA (Kodaikanal Society for Protection and Care for Animals), along with the municipality and in collaboration with Humane Society International India (HSI) has implemented the ABC(animal birth control) /ARV (anti rabies vaccination) program as well as conducting free equine medical camps, educational awareness programs on waste management and the need for ABC/ARV in Kodaikanal. KSPCA is fighting hard to make Kodaikanal a model town to its many visitors showing a caring, well-managed community and a rabies free township.

On 15th May 2017 a project to sterilize and rabies vaccinate dogs was launched in a collaboration of KSPCA, the Kodaikanal Municipality and the Humane Society International India. This project was scheduled to carry on until 15 July and ended up finishing on 8th of



July 2017 as there was need to do an anti rabies vaccination drive outskirts of Kodaikanal municipal limits. From 15th of MAY 2017 until 8th of July 2017 total of 501 dogs were sterilized and vaccinated. HSI India and KSPCA are both Animal Welfare Board of India (AWBI) recognized and member of FIAPO (Federation Indian Animal Protection Organizations).

As per the G.O, the Kodaikanal municipality ensures reimbursement of Rs700/ dog, out of which they would pay us RS.350/ dog and the balance RS.350 KSPCA will have to get reimbursed from AWBI.

Kodaikanal municipalities have reimbursed RS.350* 501 dogs so far and KSPCA will have to get the reimbursement from AWBI still.

KSPCA, under a MOU with HSI India, have paid HSI India RS 1000/ Dog. So far 501 dogs have been sterilized and vaccinated. Thanks to our donors we have managed to pay RS.5,01,000 (for 501dogs * Rs 1000). We have had other expenses such as accommodation, Transportation, repair and upgrade of ABC facility, gathering of materials for the ABC facility, promotion advertisements and announcements for the ABC/ARV project which is all accounted for and would be produced at anytime, if required.

The goals of this project are as follows:

- 1) <u>To reduce the number of street dogs in Kodaikanal.</u> A controlled, healthy number of street dogs in Kodai will improve the welfare of the dogs and increase the safety of citizens and visitors. For Kodaikanal, tourism is an important source of income, and so to improve the safety and beauty of the town will be of benefit, and will send out a good message to all those who visit. KSPCA wants Kodaikanal to be a model of humane responsible care of dogs and a safe environment for all.
- 2) <u>To have a rabies free town.</u> Incidences of rabies have been observed in the last six months. Culling of dogs is not the solution as it is not humane and will only result in the problem recurring again before not too long. 100 per cent rabies vaccinations of dogs is the best and only way to make Kodaikanal a rabies free zone. Every dog who comes in for sterilization also receives a rabies vaccination, and the final phase of KSPCA-HSI's work here will be free rabies vaccination camps in different parts of the town. On an ongoing basis KSPCA plans to do regular free rabies camps to ensure that Kodaikanal moves steadily towards being a safe and rabies free town. The camps done before was in 2 drives in December 2016, one during January 2017,



- another during March 2017 and several from 9^{th} July 2017 to 15 July 2017 and many more to come.
- 3) <u>Free sterilizations/rabies vaccinations for owned/semi-owned/free roaming dogs.</u>
 KSPCA is encouraging country dog owners in Kodaikanal to voluntarily bring in their dogs for sterilization. The benefits of having a sterilized dog are clear: a) no unwanted puppies; b) male dogs are less aggressive; c) female dogs are healthier if they do not have repeated pregnancies; d) female dogs do not go into heat and attract aggressive males to your home; e) a reduced number of dogs also reduces competition amongst dogs which makes for less fighting and aggression generally.
- 4) Our future plan: To make Kodaikanal a Rabies free town and prevent other zoonotic diseases to spread by conducting regular medical camps for all animals, help in waste management with concerned departments and work along with other Ngos to make a clean green Kodaikanal. Help in fighting all cruelty cases to our best efforts possible. Educational awareness and many more events to show people the need for compassion towards Animals and Environment. Work along with Forest Department and Kodaikanal Municipality to set up an infirmary or a 24 hour emergency facility with a Veterinary Doctor available full time for both domestic and wildlife.
- 5) We are hoping that the team of HSI INDIA will come back and re-start the ABC/ARV program every few months to ensure the controlled population, healthy and vaccinated dogs in Kodaikanal municipal limits and also as per our District Collector's wish to initiate the ABC/ARV program in village and other areas outside Kodaikanal municipal limits. It is indeed an honor to work with such a dedicated and professional team like HSI India.

KSPCA and Kodaikanal Municipality feel that this project has launched a new era in humane, responsible care of Kodaikanal dogs and maybe other animals too. All possible public education and support of this project is necessary in order to make it a success and to be able to carry on this good work on an ongoing basis. We hope that every citizen of Kodaikanal and around Dindigul district can be informed about this project and will then cooperate in every possible way to HUMANE IN ITS TREATMENT OF DOGS!



Details of the ABC ARV program from May 15th to July 8th 2017

<u>DATE</u>	MALE	<u>FEMALE</u>	TOTAL
May15 th to	174	142	316
June15 th 2017			
June16 th to	110	75	185
July8 th 2017			
Total number of	<u>284</u>	<u>217</u>	<u>501</u>
dogs			
(ABC/ARV)			

About the program:

Catching:

3-4 staff from team HSI India along with a volunteer from KSPCA who is fluent with the local language starts the day by 6:30-7 am to go catching dogs ward by ward in the Kodaikanal municipality area. There are 24 wards in the Kodaikanal municipality and catching in this terrain has been quite a challenge. But most of the dogs are free roaming, semi-owned colony dogs. The method of hand catching was used in the case of extremely friendly dogs and sometimes the colony care takers handed over the dog themselves. Some dogs which were friendly yet reluctant to let us close were caught by butterfly nets. Trap cages were also used in the case of aggressive dogs and the ones that were very difficult to catch in the hilly and forested terrains of Kodaikanal. There were days when 14-15 dogs were caught and days when only 8-10 would be caught. Some female dogs were not caught as either they were lactating or pregnant.

Initially team HSI India found it difficult to catch dogs as people objected thinking they were there to cull the dogs. There was a huge communication problem even with a communicator who knew a little Tamil from Team HSI India who tried convincing people why the team is there and what their goal is. Some agreed on letting them inside the streets to catch dogs and even helped them where to locate them and some just denied allowing them and ended up fighting. It is only after this that a Tamil speaking local volunteer from KSPCA who knew the areas and people assisted them with catching and release and communication.



Team HSI India used an app for catching and release. Picture of the dog, the tag number for the day Eg:AA-1, AA-2 if it's from the same area OR AB-1 when caught from a different area, colour of the dog, breed if any, method of catching, whether owned-semi-owned or street, male or female, and the geo-location from where the dog was caught is logged in the app to ensure the release is also done in a safe manner by using the app during the day of release of the dogs. Also driver record sheet for the day and the catching sheet were maintained along with owner consent form just in case there were dogs that were owned roaming freely on streets. In fact many dogs that were roaming freely on streets were owned or semi-owned hence many came forward to take responsibility to sign the owner consent forms. A tag collar is also put around the neck of the dog the day of catching, and removed the day the dog is released in its area. The catching vehicle has a person sitting inside the van to make sure the dogs are not at each other and clean up if they vomit or pass motion when vehicle is moving. Once the dogs reach the facility and moved into the pre-op room, the vehicle is cleaned for the release of dogs late afternoon. Equipments /materials used:

- Mobile GPS app to log information of the dog caught and when releasing
- Butterfly nets
- Biscuits
- Towels while letting one dog in and covering the other dog in the vehicle
- Driver record sheet
- Catching record sheet
- Awareness Fliers about abc/ arv program
- First aid medicines
- Owner consent forms- (if owned and free roaming, colony dogs, semi-owned etc)





CATCHING OF DOGS EITHER BY HAND OR NET... THE MOST HUMANE AND COMPASSIONATE WAY POSSIBLE....AND EXPLAINING TO PEOPLE THE NEED FOR STERILIZING THEIR DOGS AND TO GIVE ANTI- RABIES VACCINATIONS..... KSPCA IS SO GRATEFUL TO HAVE COLLABORATED WITH HSI INDIA TO DO THE ABC/ARV PROGRAM AND MAKE IT A SUCCESS IN KODAIKANAL....

THE PROGRAM WILL CONTINUE SOON AFTER THEY RETURN BACK FROM OTHER PROJECTS ACROSS INDIA







Kennel - Post and Pre-op - OT room- Cooking and Vet- Para-vet rest area



ROOM BUILT FOR OT ... WAS USED AS PRE-OP AND ANAESTHESIA ROOM AS HSI INDIA HAVE BROUGHT THEIR MOBILE OT VAN FOR SURGERIES



There are three rooms for dogs – 2post –op room and 1anaesthesia/ pre-op room and a room on top floor for cooking, stock room-for keeping medicines, auto clave, fridge, washroom and accommodation for veterinarian and Para-veterinary staff.

The facility has 24 hours water and electrical supply. Rooms have adequate light and proper ventilation and a drain out for water to go out when cleaning the rooms. Portable kennels were placed in the rooms for two- door safety and could accommodate maximum of 20 dogs in each room.

Every morning and evening kennels were cleaned scrubbed, food bowls and mats were cleaned and room kept dry after release and before moving dogs into the room.

The catching vehicle was cleaned before catching and after release. All equipments cleaned sterilized and surgical drapes washed everyday to ensure complete hygiene and safety.





Cleaning of kennel and entire facility





OT Room now pre-op kennel and Anaesthisia room



Pre -op room- Procedure-surgery and recovery-

Weight and body condition or body parameters like temperature, orifices, eye mucosa, any wound or fracture is checked and after 12 hr fasting ,First xylazine and atropine is given, After 10 mins ketamine im Ivermectin s/c Belamyl im Penicillin im Melonex im is given. The Para-vet shaves and cleans and keeps the dog ready, during preparation dizapam is given through intravenous and the animal is taken into the OT van of HSI for surgery .It takes 10 to 12 minutes for a male and for a female it takes about 15-17 minutes .The day of surgery itself Anti-Rabies Vaccination is given for the dog and cephatoxime (short acting antibiotic is given) in the OT van.

The type of surgery done for female dogs is mid-line method and in male its median – Raphae.

Recovery time-

The dogs are taken into the post op room and placed on clean rubber mats, and it take 1-2 hours for the dog to recover from complete anaesthesia, during that period one Para-vet is always present to check pulse rate and respiratory rate.

At night, food and water is placed in the post op rooms, and also in the morning and the dogs are kept in post op kennel until complete recovery or 2 days until release.



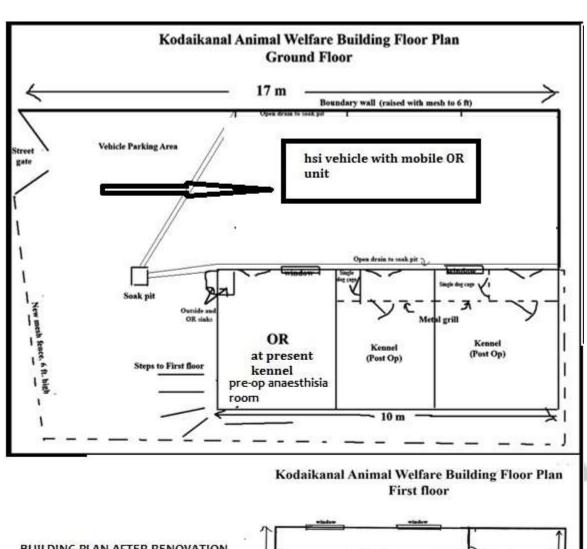


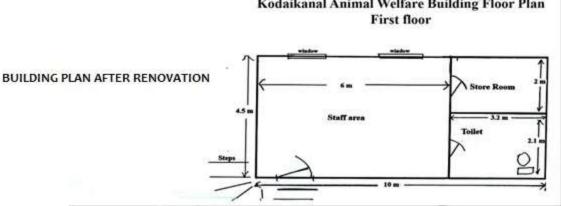


KENNEL SPACE FOR DOGS AFTER SURGERY













Organ counting done by the Municipality senior sanitary Inspector



HSI India team on july 6th 2017 with Dr. Shivendra Rathore & Dr. Neeraj Periwal



Team HSI India with Managing trustee KSPCA ABC/ ARV team at the ABC facility Kodaikanal



TEAM HSI INDIA :: EXPERIENCE IN ABC and staff list

- 1. Dr. Shivendra Rathore veterinarian (1.5 yr experience) project head kodai
- 2. Dr. Neeraj Periwal Veterinarian (1 yr experience)
- 3. Santosh raj Vet assistant / Animal Handler/ catcher (1-2 yr exp)
- 4. Jaswanth catcher/driver/ animal handler/ vet assistant (1-2 yr exp)
- 5. Vikash kharb catcher/driver/ animal handler/ vet assistant (1-2 yr exp)
- 6. Robert Vet assistant / Animal Handler/ catcher (1-2 yr exp)
- 7. Subash Vet assistant / Animal Handler/ catcher (1-2 yr exp)
- 8. Sally Kannan Surveyor (KAP survey for dog population)

TEAM KSPCA: 1. Vera De Jong – ABC co-ordinator 2. Janani – mediator (during catching etc)/handler/volunteer



AFTER THE DOG IS CAUGHT THE STAFF LOGS IN THE INFORMATION ON THE MOBILE GPS APP BY TAKING PICTURE, LOCATION, SEX, COLOUR OF DOG ETC.



EQUIPMENTS/MEDCINES AND OTHER DETAILS FOR ABC /ARV PROGRAM:

Catching:

Well modified Catching vehicle
Cellphone with track app

Anaesthesia:
Weighing machine
Surgery record sheets

Nets xylazine

Dustbin n scoop inside vehicle.

Atropine sulphate

Dog collars for marking (identification purpose)
Cages
Traps

Ketamine
Penicilline
Meloxicam
Ivermectin

Preparation-

Prep table OT-

String rope for hold the leg of

Sterlized sets

Soldering machine Sterlized hand towels

Surgical blade with BP handle Top-ups (

Razor with blade dizapam+ketamine)

Cotton swabs
Dizapam
Pendistrine (eye ointment)
Endotracheal tube (ET tube)
Liq. Betadine
Sprit
Liq. Soap
ARV
Cefotoxim
Adrenaline
NS with I/V sets
Surgical gloves
Surgical material (
Cadgut&vicril)

Artery focep 8"
Scalp vein
Normal saline (NS)
Surgical monopore tape

For Spaying (female dog castration) For neutering (male dog castration)

Surgical tray-1
Surgical blade-1
Surgical blade-1
B.P. handle-1
B.P. handle-1
Towel clamps- 3
Surgical tray-1
Surgical tray-1
Surgical tray-1
Torgical tray-1
Surgical tray-1

Surgery drape (with hole)-1

Instruments drape (without hole)-1

Instruments drape (without hole)-1

Needle holder-1
Spay hook-1
Tissue forcep-1
Mayo scissor-1

Metzebaum scissor-1 Curved artery forcep (6") -4

Mayo scissor-1

Curved artery forcep (8")-1 Curved artery forcep (6")-4

Curved artery forcep (6") -4
OTHER DETAILS:

AC OT VAN BOWLS

WEIGHING SCALE DR. SHIVENDRA -- 262
PORTABLE KENNELS DR. NEERAJ -- 239

FRIDGE GAS STOVE MATS ETC





KODAIKANAL SOCIETY FOR PROTECTION AND CARE FOR ANIMALS ALONG WITH KODAIKANAL MUNICIPALITY ARE CONDUCTING:

Free Animal Birth Control and Anti-Rabies Vaccination Project for Kodaikanal





Why have your dog sterilized and rabies vaccinated?

Neutered dogs

- Mating and breeding stops
- No unwanted puppies
 Dogs will have a healthier life
- Dogs live more peacefully and longer

Anti-Rables Vaccination

-Vaccinated dogs will not catch or spread RABIES -Family and town will be safer from dog bites

If you do not want your dog sterilized please put a collar on it and tell dog catchers.

Dogs will be caught by trainted dog catchers and put in a van. They will be brought to the Animal Welfare Facility (50 metres after Spencers on the right side of the ghat road) where Birth Centrol Surgery and Anti-rabies Vaccination will be done. They will be kept in the facility for two nights and then safely returned to the street corner or owner from where they were taken. Dogs will receive good food and excellent medical care while in the facility and will be given all necessary treatments, medicines, and misher succinations for free. necessary treatments, medicines, and rabies vaccinatio The dog's ear will be notched to indicate that ABC/ARV has been done.

This is a SAFE, FREE service that will be good for your dog

கொடைக்கானல் நகராட்சி உடன் இணைந்து கொடைக்கானல் விலங்கின் பாதுகாப்பு மற்றும் பராமரிப்பு அமைப்பு நடத்துகின்ற

> விலங்குகளுக்கான கருத்தடை மற்றும் வெறி நாய் தடுப்பூசி முகாம் (ABC/ARV)

எங்கள் நோக்கம்: தெகு நாய்கள் மற்றும் வளர்ப்பு நாய்களின் நோயற்ற வாழ்வும் அதன் பாதுகாப்பும்:

இதன் மூலமாய் எங்களுக்கு உதவலாம்။

- ் உங்களுடைய நாய் மீது ஒரு காலர் வைப்பதன் மூலம், கருத்தடை அறுவை கிக்கை செய்ய விருப்பயில்லை என்று உரிமையை காட்ட வேண்டும்
- உங்களல் இபன்றவரை எங்களுக்கும் மற்றும் விலங்கினம் சார்ந்த துறைக்கும் தேரிவியுங்க
- உங்கள் நாய் ஒரு வருடத்திற்கு ஒரு முறை தடுப்பூரி அளிக்கப்பட்டிருக்கிறதா endergy Cartholisade

இதன் மூலமாய் உங்கள் நாய்கன் வருடாந்தீரா தடுப்பூசி மற்றும் பராமரிப்பு வகை சிறப்பான முறையில் அளிக்கப்படும் For more information, call 94882 33707 (English) 98843 71395 (Tamil)

கோடைக்காலல் நகராட்சி உடன் இணைந்து கொடைக்காலல் விலங்கின் பாதுகாப்பு மற்றும் பராமரிப்பு அமைப்பு நடத்துகின்ற Kodaikanal Society for the Protection and Care of Animals and Kodaikanal Municipality are conducting an:

விலங்குகளுக்கான கருத்தமை மற்றும் வெறி நாய் தடுப்பூசி முகாம் (ABCIARV)

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நாய்களின் நோயற்ற வாழ்வும் அதன் மாதுகாப்பும்:

இதன் மூலமாய் எங்களுக்கு

a. a. cu combi உங்களுடைய நாய் மீது ஒரு காவர் எமையுள் மூலை வருத்தடை, அறுமை கிக்கை சேய்ய விருப்பகிச்சைய என்ற உரிமையை காட்ட மேண்டும்

கற்பையை காட்ட பெண்றும் கூட்கமால் இயன்றமைறு எங்களுக்கும் மற்றும் விவங்கினம் எரந்த நடைகளும் தெரிவியங்கள் கூட்கள் நாய் ஒரு வருடத்திற்கு ஒரு முறை தடுப்பூரி அளிககட்ட அருக்கிறது என்று தேதிவியங்கள்

இதன் மூமைகம் உங்கள் நகழ்க

வருடாந்திரா தடுப்பூசி மற்றும் பராமரி

வகை சிறப்பான முறையில் அளிக்கப்படும்



Animal Birth Control & Anti Rabies Vaccination Camp (ABC/ARV)

Our Goal: a stable, healthy population of rabies-vaccinated street dogs and their ongoing humane neutering and care.

Dogs will receive excellent care and all dogs will get rabies vaccinations.

Please help us by:

Putting a coller on your dog to show ownership if you do not want it to have neutering surgery assisting ABC/ARV team wherever possible ning your dog vaccinated for rabies

once a year



HELP MAKE KODAIKANAL

n of Kodaikanal, Kodaikanal I onal School, Kodarkaral Christian College

Our handouts / fliers for ABC/ARV awareness and flexi posters around town

In Tamil and English

Kedaikanal Society for Protection and Care For Animals and Kedaikanal Municipality are conducting an

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getting your dog vaccinated for rabies once a year

HELP MAKE KODAIKANAL A RABIES FREE TOWN!

For more information call: 98843 71395 (Tamil) 94882 33707 (English)





Press article in Tamil Newspaper Dinakaran on July 29th 2017 About ABC/ARV program in Kodaikanal

CONCLUSION:

The Kodaikanal municipality, along with KSPCA and in collaboration with HSI India, has successfully implemented the ABC/ ARV program in municipal limits. This project was successful in every way possible way given the terrain of Kodaikanal town ABC/ARV on total of 501 dogs were done from May 15th – July 8th 2017.

KSPCA is looking forward to the HSI India team coming back to conduct ABC /ARV in a few months time not, only in municipal limits but also to extend the program into villages and panchayat areas as per our District Collectors wish. It would be wonderful if such program could happen every few months to ensure a controlled population of dogs and make Kodaikanal Rabies free town. Team HSI India is still uncertain with their various commitments in other parts of the country and we are still awaiting the KAP survey report from HSI India.

However, in the history of Kodaikanal and Dindigul district, this project has been very successful and has reduced the threat and fear of rabies in town to a certain extent. And people are well aware of the program and the benefits of ABC/ARV for dogs.



This was indeed a wonderful experience and KSPCA team is happy to have collaborated with such a professional and dedicated team and looking forward to work more.

THANKING YOU

Regards

Vera De Jong (ABC - Coordinator -KSPCA)

Janani (Managing Trustee - KSPCA)

