



## Sterilization, Vaccination & Microchipping Of Stray / Community Dogs

Pune, Maharashtra | Animal Welfare | 2026-29

*Humane · Scientific · Transparent*

# ABOUT KARMA FOUNDATION

45,000+

Animals Vaccinated

22,000+

Animals Sterilized

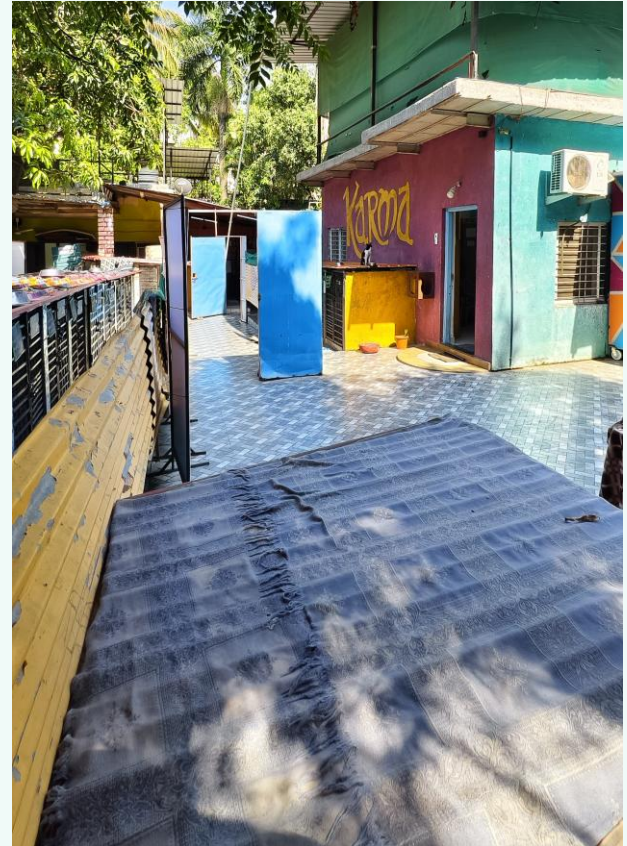
40,000+

Animals Rehabilitated

Established in 2018 in Aundh, Pune, Karma Foundation is dedicated to animal welfare, offering free veterinary care through IPD, OPD, onsite teams, and ambulance services. With an annual reach of 4,200+ animals, we foster harmony between humans and animals.

**Registered Since:** January 2018 **CSR No:** CSR00000143 **PAN:** AADTK4379H

12A(A) | 80G | FCRA | Niti Aayog Darpan Registered



# PROJECT OVERVIEW

<b>Project Title</b>	Sterilization, Vaccination & Microchipping of Stray/Community Dogs
<b>Location</b>	Pune, Maharashtra
<b>Proposed Reach</b>	7560 Dogs
<b>Total Budget</b>	₹ 3,51,31,320/-
<b>Thematic Area</b>	Animal Welfare — SDG 3, 11, 15

## KEY OBJECTIVES

1. Sterilize, Vaccinate & Microchip 450 Dogs
2. Track & re-vaccinate dogs annually
3. Raise Rabies awareness in the community
4. Build community compassion for stray animals
5. GPS-linked transparent tracking system

# THE PROBLEM



## Rapid Population Growth

Stray dogs reproduce quickly due to abundant food from improper waste management, leading to a multifold increase in numbers.



## Animal–Human Conflict

Uncontrolled stray dog population leads to increased bite incidents, road accidents, and human-animal conflicts in Pune.

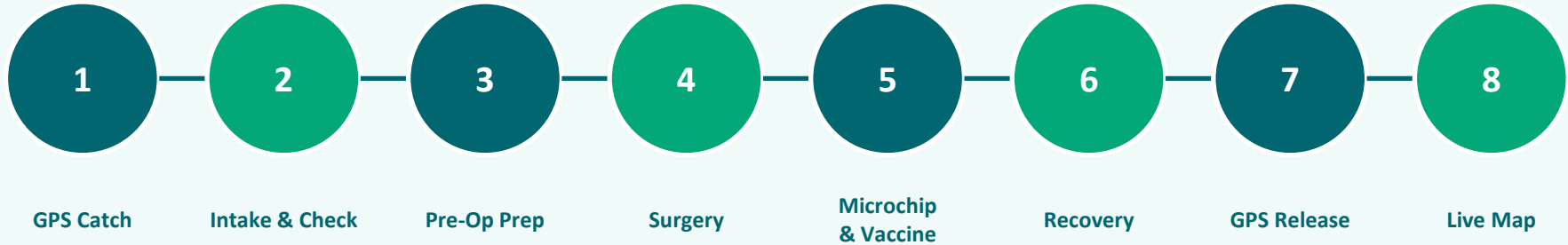


## Zoonotic Diseases

Rabies and leptospirosis spread through unvaccinated stray dogs, posing a serious public health risk to citizens.

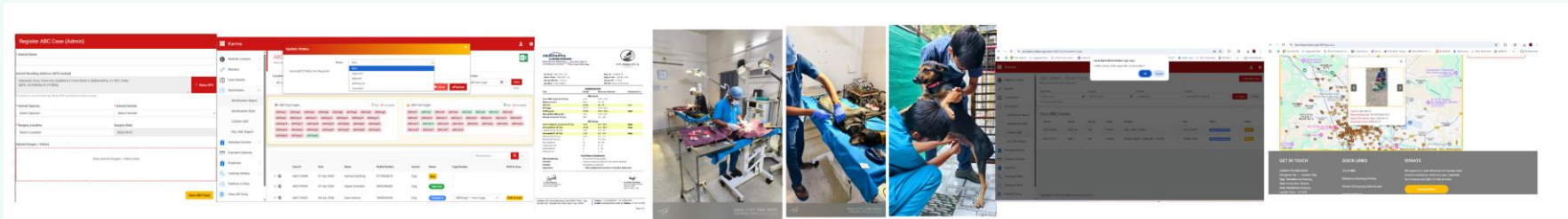
*Humans are responsible for the domestication & population explosion — it is our responsibility to manage this humanely.*

# OUR TRANSPARENT PROCESS — END TO END



## ZERO CASUALTIES — EVERY STERILIZED ANIMAL FULLY MAPPED & TRACKED

Each dog's journey is documented with GPS coordinates, time-stamped photos at every stage, microchip number, vaccination records, and post-release tracking. Our system ensures no dog is lost, missed, or double-counted.



# STEP 1 — GPS-LINKED CATCHING

01

- The moment a dog is caught, a case is automatically created in our system
- Case creation is geo-tagged with live GPS coordinates
- Photograph of the catching location is captured and stored against the Case ID
- Trained staff use humane net-catching methods for anxious or hard-to-handle dogs
- Community volunteers & animal feeders assist in identifying and locating dogs



## CONFIRM ANIMAL LOCATION

### Stored Location (Read Only)

GPS location updated successfully.

Close

### Detected Current GPS Location

Pimpri-Chinchwad,  
Haveli Subdistrict,  
Pune District,  
Maharashtra, 411039,

↑ Retry GPS

If location is not detected, tap "Retry GPS" and allow location access.

Update Location



GPS tracking ensures every pickup is location-verified and tamper-proof

# STEP 2 — INTAKE & PRE-OPERATIVE CHECKUP

02

## Thorough Clinical Examination


Every dog arriving at Karma Hospital is thoroughly examined by veterinary doctors to assess overall health.

## Blood Test — Pre-Op Panel

Blood samples are drawn for a comprehensive pre-operative checkup to verify fitness for surgery.

## Advanced Diagnostics if Required

If anomalies are detected, further diagnostics such as X-rays and USG (ultrasound) are performed before proceeding.

 No dog proceeds to surgery without passing the pre-operative blood test. Unfit animals are treated first.



# STEP 3 & 4 — SURGERY PREPARATION & PROCEDURE

03

## PRE-OP PREP

- Dog placed on strict 8-hour fast before surgery
- Shaving and pre-operative injections administered
- Tailor-made anesthetic protocol designed for each dog
- Ventilator backup on standby if required



04

## SURGERY

- Surgery performed under extremely strict sterility guidelines
- Reduces post-operative infections and ensures faster recovery
- Photos of the dog from all 4 sides uploaded into the system DURING surgery
- Microchip implanted — number and photo proof uploaded in real time



# STEP 5 & 6 — VACCINATION, MICROCHIPPING & RECOVERY

05

## VACCINATION & MICROCHIP

- Anti-Rabies Vaccine administered to every sterilized dog
- Curtails spread of this deadly zoonotic disease
- Microchip implanted — unique ID for lifetime tracking
- Chip number, installation photo & date stored in system



06

## POST-OPERATIVE RECOVERY

- Dogs kept for approx. 3 days of post-operative monitoring
- Released on Day 5 after confirming full recovery
- Any concurrent ailments treated during the recovery period
- 9-in-1 vaccine administered at the time of release to prevent viral infections



# STEP 7 & 8 — GPS-VERIFIED RELEASE



## Geo-Fenced Release

Release can only be marked when the van is within a 100-metre radius of the original pickup point. If the van is outside this zone, the system throws an error and release cannot be logged.



## Reflective Collar

At the time of release, each dog is fitted with a high-visibility reflective collar to prevent road accidents and help community members identify sterilized animals.



## System Update

Dog's release details, GPS location, and timestamp are updated in the Microchip Management System for ongoing monitoring and future revaccination tracking.



**Zero Manipulation — GPS verification eliminates any possibility of fake releases**

Case ID	ABC109901
Animal	White brown female dog
Species	Dog

Dog released successfully.

[Close](#)

Checking location...



# 100% TRANSPARENCY — DATA STORED FOR EVERY DOG



Photos at Pickup/Catching



Photos on Kennel Check-in



4-Side Surgery Photos



Microchip Installation Photo



Release Photo



GPS Pick-up & Drop Location



Sterilisation & Vaccination Dates



Microchip Number

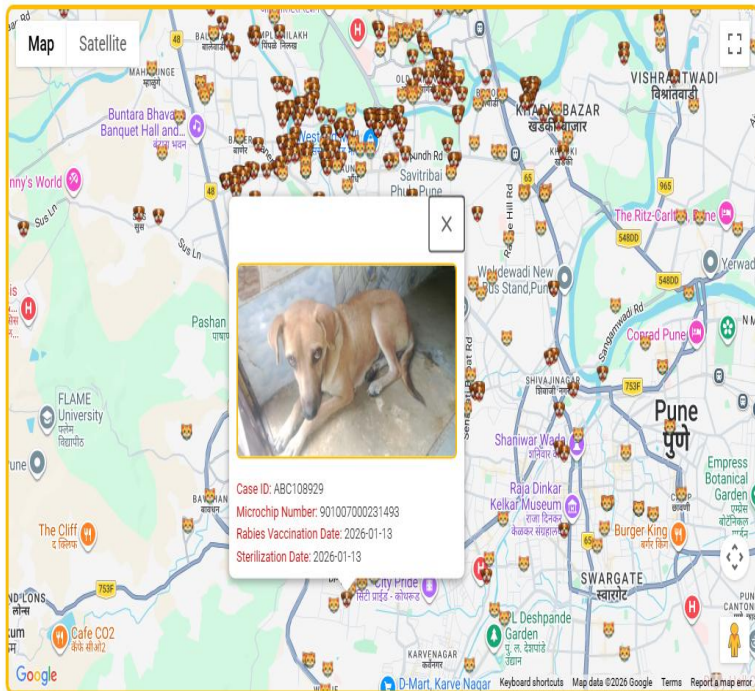
✓ Zero Casualties Achieved | Every Sterilized Animal Mapped & Accounted For

# LIVE TRACKING MAP

## STERILISATION AND MICROCHIPPING DATA (WEF 01/01/2026)

(Click on the icons on the map to view animal details)

Search by Case ID or Microchip Number...



PLOTTED ON MAP

Dogs: **446**

Cats: **318**

## MAP FEATURES

- All dogs plotted by GPS pickup location
- Each pin links to full case record
- View sterilisation & vaccination status
- Microchip number lookup
- Date-wise filtering available
- Real-time updates post each release

[karmafoundation.ngo/ABCMap.aspx](https://karmafoundation.ngo/ABCMap.aspx)

# IMPACT & OUTCOMES

## Population Control

Stabilization and gradual reduction of stray dog population through scientific sterilization

## Rabies Elimination

Drastic minimization of rabies prevalence with 100% vaccination at time of sterilization

## Community Safety

Fewer dog-bite incidents and improved coexistence between humans and stray animals

## Sustainable Model

GPS tracking + microchipping enables lifetime monitoring and annual revaccination at scale

# Budget Assigned And Actual Spend

## ABC PROGRAM – COST PER DOG BREAKDOWN



BASIS OF CALCULATION	
Total Kennels	40
Kennels for ABC	35
Kennels for Other Issues	5
Average Days Per Dog	5
Kennel Usage / Month	6
Total ABC Dogs Operated Per Month	210

1. MEDICAL, SURGICAL & PROTECTIVE CONSUMABLES			
Item	Qty for 20 Kg Dog (ML / Unit)	Cost / ML or Item (₹)	Total Per 20 Kg Dog (₹)
Ketamine	4	10	40
Xylazine / Dexmedetomidine	1.5	15	22.5
Diazepam / Midazolam	2	6	12
Buprinorphine	2	47	94
Propofol	4	5	20
Lignocaine	2	0.6	1.2
Sterile Water (5 ML)	1	2.15	2.15
Amoxicillin	20	15	300
Rantac	7.5	0.7	5.25
Meloxicam	1.6	1.75	2.8
Bravecto Spot on	2	120	240
Deworming	1	10	10

Item	Qty for 20 Kg Dog (ML / Unit)	Cost / ML or Item (₹)	Total Per 20 Kg Dog (₹)
Vicryl 2-0	2	75	150
Surgical Blade	1	3.7	3.7
Sterile Gauze	1	63	63
Shaving Blade, Savalon, Spirit, Betadine	1	10	10
IV Cannula	1	18	18
RL	0.33	34	11.22
IV Infusion Set	0.2	12	2.4
Syringe	10	2.6	26
Sterile Gloves	1	20	20
Rabies Vaccine	1	40	40
9 in 1 Vaccine	1	280	280
Microchip	1	150	150
Reflective Collor	1	50	50

<b>TOTAL</b>			<b>₹ 1,574</b>
--------------	--	--	----------------

2. HUMAN RESOURCES PER DOG			
Role	Quantity	Salary (₹/Month)	Cost Per Dog (₹)
<b>Head Surgeon</b> (Operates 10 dogs a day and monitors recovery)	1	100,000	476
<b>Junior Doctor / Anesthetist</b> (Assists surgeon and monitors anesthesia)	1	75,000	357
<b>Animal Handler</b> (Handles animals, prepares them for surgery & dog catching)	2	30,000	286
<b>Cleaning &amp; Maintenance Staff</b> (Cleans kennels daily, prepares food & dog catching)	2	25,000	238
<b>Dog Catching Van Driver</b>	1	25,000	119
<b>TOTAL</b>			<b>₹ 1,476</b>

3. FOOD EXPENSES PER DOG			
Item	Rate / KG (₹)	Qty Required Per Day Per Dog	Total for 5 Days Per Dog (₹)
Chicken	250	0.5	625
Rice	50	0.1	25
Cooking Gas / Induction	1200	0.005	30
<b>TOTAL</b>			<b>₹ 680</b>

4. AMBULANCE & SANITATION EXPENSES			
Item	Cost / Month or KM (₹)	Number of Kms	Cost / Dog (₹)
Ambulance Fuel	10	4000	190
Ambulance Maintenance	3	4000	57
Kennel and Ambulance Wash Chemicals	18,000	1	86
Medical Waste Disposal	5,000	1	24
<b>TOTAL</b>			<b>₹ 357</b>


5. COMMON COSTS			
Item	Cost (₹/Month)	% Share	Cost Per Dog (₹)
Premises Rental (Subsidised rent can reduce this cost)	150,000	50%	357
Electricity	80,000	50%	190
Online System Maintenance	5,000	50%	12
<b>TOTAL</b>			<b>₹ 560</b>


TOTAL COST PER DOG	
Medical, Surgical and Protective Consumables	₹ 1,574
Human Resources Per Dog	₹ 1,476
Food Expenses Per Dog	₹ 680
Ambulance & Sanitation Expenses	₹ 357
Common Costs	₹ 560
<b>TOTAL COST PER DOG</b>	<b>₹ 4,647</b>


Note: Costs are indicative and may vary based on location, supplier and market rates.




*Thank You*

 Jacinta Villa, Opp. Sandalwood Society, Aundh, Pune – 411007

 +91 9823010101 | 8805380101

 [csr@karmafoundation.ngo](mailto:csr@karmafoundation.ngo)

 [karmafoundation.ngo](http://karmafoundation.ngo) | ABCMap: [karmafoundation.ngo/ABCMap.aspx](http://karmafoundation.ngo/ABCMap.aspx)