






# Traditional practices in Veterinary Sector

<b>ABSCESS</b>	
<b>Symptoms</b>	Collection of pus within the tissue characterized by redness, warmth with symptoms of pain.
<b>Remedy (1)</b>	<p><i>Azadirachta indica</i> A. Juss. (Meliaceae)</p> 
<b>Regional Names</b>	(E) Margosa Tree (S) Nimbu (H) Neem (B) Nim (G) Limbdo (T) Vembu (Sh) Kohomba (M) Kadunimb (K) Bevu (Ma) Veepu
<b>Method of Preparation or Parts Used</b>	Take fresh leaves of neem and prepare a paste.
<b>Indications &amp; Dosage</b>	Drain the pus & then apply the paste twice daily, till it heals.
<b>Remedy (2)</b>	<p><i>Citrus Limon</i> (L.) Burn. f. (Rutaceae)</p> 



<b>Regional Names</b>	(E) Lemon (S) Nimbuphala (H) Jambira (B) Goranebu (T) Periya Yelumichai
<b>Method of Preparation or Parts Used</b>	Mix equal amounts of lemon juice and calcium hydroxide and make a fine paste.
<b>Dosage</b>	Drain the pus and then apply over the affected area, till it heals.

<b>ANOREXIA</b>	
<b>Symptoms</b>	Decreased or lack of appetite characterised by extreme weight loss and weakness. Animals may not make expected developmental weight gains
<b>Remedy</b>	<p><i>a) Tamarindus indica</i> L., (Fabaceae)</p>  <p><i>b) Terminalia chebula</i> Retz. (Combretaceae)</p> 
<b>Regional Names</b>	<p><i>(a) Tamarindus indica</i> L., (Fabaceae)</p> <p>(E) Tamarind Tree (S) Chinchá (H) Imli (B)</p>


	Tentul (T) Amilam (M) Chinchu (Tel) Amlika (Maa) Amlam  (b) <i>Terminalia chebula</i> Retz. (Combretaceae)  (E) Myrobalan (S) Haritaki (H) Harira (B) Haritaki (G) Himage (M) Harde (T) Kadukkai (K) Alalekai (Ma) Kadukka (Tel) Karitaki (M) Katukka
<b>Method of Preparation or Parts Used</b>	Mix 500 ml juice of tamarind fruit pulp with 10 gm of dried & powdered Harira ( <i>Terminalia chebula</i> ) fruit.
<b>Dosage</b>	For large ruminants once a day until they regain appetite.

<b>BLEEDING:</b>	
<b>Remedy</b>	<i>Zingiber officinale</i> Rosc. (Zingiberaceae)  
<b>Regional Names</b>	(E) Ginger (S) Shunthi (H) Adrak (B) Ada (G) Adu (T) Inji (K) Hasishunti (M) Ala (Ma) Inji (Tel) Ardrakamu
<b>Method of Preparation or Parts used</b>	Mix paste of ginger rhizomes with equal proportion of sugar.
<b>Dosage</b>	Apply on a bandage or cloth and tie the cloth over the wound.

<b>BLOAT/TYMPANY:</b>	
<b>Symptoms</b>	Distension of left side of abdomen, labored breathing and kicking of belly
<b>Remedy (1)</b>	<i>Musa paradisiacal</i> L. (Musaceae)



	
<b>Regional Names</b>	(E) Banana (S) Kadali (H) Kela (B, (G) & (M) Kela (T) Kadali
<b>Method of Preparation or Parts used</b>	Chopped Leaves - Chop 2-3 fresh banana leaves (cloves) or 4- 6 (adult animals).
<b>Indications &amp; Dosage</b>	Calves – Choppings of 2-3 banana leaves Adult animals - Choppings of 4-6 banana leaves 2 – 3 times a day for 2 days.
<b>Remedy (2)</b>	<b>Castor oil (<i>Ricinus communis</i> L. (Euphorbiaceae)</b> 
<b>Regional Name</b>	(E) Castor Oil Plants (E) Eranda (H) Arandi (B) Bherenda (G) Erando (T) Aimug (M) Erand (K) Harulu
<b>Method of Preparation or Part used</b>	Castor Oil

200 ml of castor oil to an adult animal.	200 ml of castor oil to an adult animal once.
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<b>BURNS:</b>	
<b>Remedy</b>	<p><i>Aloe vera</i> (L.) Burm. F. syn <i>A. barbadensis</i> Mill.(Liliaceae)</p> 
<b>Regional Name</b>	E) Indian Aloes (S) Ghrit Kumari (H) Ghilkanvar (B) Ghritkumari (G) Kanvarpatho (T) Kattalai (K) Lole-Sara (Ma) Kattarvazha
<b>Method of Preparation or Part used</b>	Flesh of <i>Aloe vera</i> leaves.
<b>Dosage</b>	Apply profusely on the burn twice daily

<b>CONUNCTIVITIS</b>	
<b>Symptoms</b>	Redness or swelling around the eyes with discharge from the eyes
<b>Remedy (1)</b>	<i>Momordica charantia</i> L. (Cucurbitaceae)





	
<b>Regional Name</b>	(E) Bitter Gourd (S) Karavelli (H) Karela (B) Karala (G) Karela (T) Pavakkachedina (Tel) Kakara (M) Pagel (Maa) Kaipakka
<b>Method of Preparation or Part used</b>	One handful of leaves crushed with 2 spoons of salt.
<b>Indications &amp; Dosage</b>	Apply the extract to eyes for 10 days.
<b>Remedy (2)</b>	<p><b><i>Piper betle</i> L. (Piperaceae)</b></p> 
<b>Regional Name</b>	(E) Betel (S) Nagavalli (H) Pan (B) Pan (M) Pan (G) Nagurvel (Tel) Tamalapaku (T) Vettilai (K) Vilayadele (Ma) Vettila
<b>Method of Preparation or Part used</b>	Boil 5 leaves of Piper betel in 500 ml of water and cool.
<b>Dosage</b>	Use as an eye wash twice a day for 3 – 5 days


## CONSTIPATION


<b>Symptoms</b>	Difficulty in passage of stools with signs of hardness of stomach and discomfort. Lack of dung/stools or low amount in the barn or the places where animals are housed.
<b>Remedy</b>	<i>Musa paradisiacal</i> L. (Musaceae) 
<b>Regional Name</b>	(E) Banana (S) Kadali (H) Kela (B, (G) & (M) Kala (T) Kadali
<b>Method of Preparation or Part used</b>	Banana Leaves Crush banana blossom with rock salt .Add water sufficient to make paste.
<b>Dosage</b>	Feed as many fresh banana leaves as the animal can eat until it recovers Paste of 1 banana blossom twice a day till it recovers

**COUGHING & BREATHING PROBLEMS:**


<b>Remedy (1)</b>	<p><i>Allium sativum</i> L. (Liliaceae)</p> 
<b>Regional Name</b>	(E) Garlic (S) Lasuna (H) Lasan (T) Vallaippundu (M) Lasan (Ma) Vellulli (K) Bellulli
<b>Method of Preparation or Part used</b>	Mix one tuber of <i>Allium Sativum</i> , with butter milk and prepare paste.
<b>Dosage</b>	<p>Large animal : 20 gm. oral daily till symptoms disappear                  Small ruminants : 10 gm. Oral daily till symptoms disappear</p>
<b>Remedy (2)</b>	<p><i>Curcuma longa</i> L</p> 
<b>Regional Name</b>	(E) Turmeric (S) Haridra (H) Haldi (B) Hauld (G) Halder (T) Manjal (K) Arishina Powder (Ma) Manjal (M) Halad
<b>Method of Preparation or Part used</b>	Mix 5 gm of <i>Curcuma domestica</i> (dried rhizomes) with just enough jiggery to bind the powder
<b>Dosage</b>	<p>Feed this as a paste to the animal twice a day for 10 days.                  Large animals : 75-100 gm.                  Small ruminants: 40 – 50 gm.</p>





<b>DIARRHOEA:</b>	
<b>Symptoms</b>	Change in the consistency of stools from pellets/ formed dung to loose / watery stools.
<b>Remedy</b>	<p><i>Punica granatum L. (Punicaceae)</i></p> 
<b>Regional Name</b>	(E) Pomegranate (S) Dadima (H) & (P) Anar (G) Dadam (T) Madalai (M) Dalimb (B) Dalimgachh (Tel) Daliman
<b>Method of Preparation or Part used</b>	Mix 2 fruits of <i>Punica granatum</i> with powdered chalk (3 chalk pieces) and make them into a fine paste.
<b>Dosage</b>	Large animal : 75 – 100 gm Small ruminants : 40-50 gm Orally twice a day for 2 – 3 days.

<b>FEVER:</b>	
<b>Symptoms</b>	Warm ears, red eyes , dry nozzles and shivering
<b>Remedy</b>	<p><i>Eleusine coracona (L.) Gaertn. (Poaceae)</i></p> 
<b>Regional Name</b>	(E) Finger Millet (S) Rajika (H) Mandu (B) Maru (K) Ragi (M) Bhakri (G) Nagli (T) Ragi (T) Ragi (Ma) Muttari

<b>Method of Preparation or Part used</b>	Mix 200 gm of ragi floor, 3 tea spoons of salt and lemon juice (1tsp) in a liter of water.
<b>Dosage</b>	Large animal : 200-250 gm Small ruminants : 100 gm Oral Morning and evening for three days


<b>FOOT AND MOUTH DISEASE:</b>	
<b>Symptoms</b>	Fever, blisters/ sores on the tongue, buccal mucosa and interdental space of feet, smacking of lips.
<b>Remedy</b>	<i>Annona squamosa</i> L. (Annonaceae) 
<b>Regional Name</b>	(E) Custard Apple (S) Sitaohala (H) Sitaphal Sharifa (B) Ata (G) Sitaphal (M) Sitaphal (K) Sitaphal (T) Sitapalam (Tel) Sitaphalamu
<b>Method of Preparation or Part used</b>	Crush the leaves and make it in to a fine paste.
<b>Dosage</b>	Once a day for 5 - 6 days as topical application

<b>GENERAL DEBILITY:</b>	
<b>Symptoms</b>	Animals show resistance to get up or walk/ slow movement and unresponsive to call. Animal look moribund with shrunken eyes.
<b>Remedy (1)</b>	<i>Albizia lebbek</i> (L.) Benth. (Fabaceae) 


<b>Regional Name</b>	(E) Indian Walnut (S) & (M) Sirisha (H) Siris (B) Sirish (G) Pelo Sarshio (T) Vagei (Tel) Dirasana (Ma) Vaka (K) Begemara
<b>Method of Preparation or Part used</b>	Stem bark decoction / powder.
<b>Dosage</b>	Large animal: 75 – 100 gm oral Small ruminants: 40 – 50 gm. Oral
<b>Remedy (2)</b>	<i>Momordica charantia</i> L. (Cucurbitaceae)  
<b>Regional Name</b>	(E) Bitter Gourd (S) Karaveli (H) Karela (B) Karala (G) Karela (T) Pavakkachedina (Tel) Kakara (M) Pagel (Ma) Kaipakka
<b>Method of Preparation or Part used</b>	Fruit & Leaf
<b>Dosage</b>	Large animal: 75 – 100 gm, Small ruminants: 40 – 50 gm. Orally.

#### REPEAT BREEDING PROBLEMS:



<b>Symptoms</b>	A cow which fail to conceive after three successive inseminations with no detectable abnormalities.
<b>Remedy</b>	<i>Murraya koenigii</i> (L.) Spreng. (Rutaceae)

	
<b>Regional Name</b>	(E) Curry leaf (S) Surabhininiba (H) Kari patta (B) Kariyaphulli (M) Karhinimb (G) Goranimb (K) Karibevu (T) Karivempu (Tel) Karepaku (Ma) Kariveppilei
<b>Method of Preparation or Part used</b>	Leaf
<b>Dosage</b>	Large animal: 500-600 gm Small ruminants: 200-300 gm. Feed the leaves as such for about 8 – 10 days after Artificial Insemination

#### INTERNAL PARASITE INFESTATIONS:


<b>Symptoms</b>	Weight loss, rough hair coat, diarrhea, physical presence of worms in stools (at times)
<b>Remedy</b>	<i>Areca catechu L. (Areaceae)</i> 
<b>Regional Name &amp; Family</b>	(E) Betel Nut (S) Puga (B) & (H) Supari (K) Adike (T) Kamugu (Tel) Vakka (Ma) Adakka

<b>Method of Preparation or Part used</b>	Powder of mature air dried nuts along with water.
<b>Dosage</b>	Drench 8 – 10 powdered nuts once. Repeat the same once after 2 – 3 weeks

<b>MASTITIS:</b>	
<b>Symptoms</b>	Swelling, redness, hardness of udder, pain upon palpation, watery consistency of milk with flakes/ pus
<b>Remedy</b>	<p>a) <i>Curcuma longa</i> L. syn. <i>C. domestica</i> Val. (Zingiberaceae)</p>  <p>b). <i>Tinospora cordifolia</i> (Wild.) Miers. (Minespermaceae)</p> 
<b>Regional Name &amp; Family</b>	<p>a. <i>Curcuma longa</i> L. syn. <i>C. domestica</i> Val. (Zingiberaceae) (E) Turmeric (S) Haridra (H) Haldi (B) Halud (G) Halder (T) Manjal (K) Arishina Powder (Maa) Manjal (K) Arishina Powder (Maa) Manjal (M) Halad</p> <p>b. <i>Tinospora cordifolia</i> (Wild.) Miers. (Minespermaceae) (S) Guduchi (H) Gulancha (B) Gurach (G) Galo (T) Shindil-Kodi (K) Amurha</p>

	Balli (Ma) Chittamrutu
<b>Method of Preparation or Part used</b>	Prepare a paste from one handful <i>Tinospora</i> stem and 100 gm of turmeric rhizome and mix this with half liter of lukewarm water
<b>Dosage</b>	External application twice a day for 3 days.



### WOUND AND ULCERS:

Remedy	<i>Aloe vera</i> (L.) Burm.f. syn. <i>A. barbadensis</i> Mill. (Lilaceae) 
Regional Name & Family	(E) Indian aloe (S) Ghrita Kumari (H) Ghikumari (B) Ghritakumari (G) Kumarpathu (K) Kathaligida (Ma) Kattuvala (M) Korphad (P) Elwa (T) Kattalai (Tel) Kalabanda (O) Kumari
Method of Preparation or Part used	Clear gel from the fresh leaves.
Dosage	Topical application.

### MAGGOT WOUNDS:

<b>Symptoms</b>	Physical appearance of maggots in wound
<b>Remedy</b>	a) <i>Citrus limon</i> (L.) Burm.f. (Rutaceae)



	 <p data-bbox="858 633 1366 667">b) <i>Nicotiana tabacum</i> L. (Solanaceae)</p> 
<p data-bbox="185 1021 392 1055"><b>Regional Name</b></p>	<p data-bbox="810 1021 1299 1055"><i>Citrus limon</i> (L.) Burm.f. (Rutaceae)</p> <p data-bbox="903 1059 1410 1196">(E) Lemon (S) Nimbuphala (H) Jambira (B) Goranebu (T) Periya Yelumichai (K) Nimbehannu (Te) Nimmakaaya (M) Cherunarigya</p> <p data-bbox="810 1200 1276 1234"><i>Nicotiana tabacum</i> L. (Solanaceae)</p> <p data-bbox="903 1238 1410 1339">(E) Tabaco (S) Tamakhu (H), (M) Tabakhu (B) Tamak (G) Tamakhu (T) Pugaiyilay (Tel) Pugaku (Ma) Pukala</p>
<p data-bbox="185 1346 671 1379"><b>Method of Preparation or Part used</b></p>	<p data-bbox="810 1346 1410 1413">Mix tobacco leaves with small quantity of lemon juice and make it into a paste.</p>
<p data-bbox="185 1420 284 1453"><b>Dosage</b></p>	<p data-bbox="810 1420 1410 1514">Topical application. Care should be taken that flies should not sit on the wound.</p>

<p data-bbox="328 1659 1267 1693" style="text-align: center;"><b>GALACTOGOGUES (The drugs which increase the milk production)</b></p>	
<p data-bbox="233 1733 1037 1767">a) <i>Alternanthera sessilis</i> (L.) R. Br. Ex DC. (Amaranthaceae)</p>	



**b) *Asparagus racemosus* Willd. (Liliaceae)**





**c) *Nigella sativa* L. (Ranunculaceae)**



**d). *Withania somnifera* (L.) Dunal (Sola**



<p><b>Regional Names</b></p>	<p><i>a) Alternanthera sessilis</i> (L.) R. Br. Ex DC. (Amaranthaceae)</p> <p>(S) Matsyakshi (G) Jalajambo (B) Kanchari (M) Ponnanganni (T) Ponnanganni-keeray (Tel) Ponanganta Kura</p> <p><i>b). Asparagus racemosus</i> Willd. (Liliaceae)</p> <p>(S) Shatavari (H) Satavari (B) Satamuli (G) Satavari (T) Kilwari (M) Shatavari (K) Shatavari</p> <p><i>c). Withania somnifera</i> (L.) Dunal (Solanaceae)</p> <p>(E) Winter Cherry (S) Ashwagandha (G) Ashwagandha (T) Ammukira (K) Ashwagandha (M) Ashwagandha</p> <p><i>d). Nigella sativa</i> L. (Ranunculaceae)</p> <p>(E) Black Cumin (S) Upakunchika (H) Kalajira (B) Mugrela Kalajira (M) Kalijare (T) Karunjiragam</p>
<p><b>Method of Preparation or Part used</b></p>	<p>Pulverise <i>Alternanthera sessilis</i> , <i>Asparagus racemosus</i>, <i>Withania somnifera</i> &amp; seed of <i>Nigella sativa</i> separately</p> <p>Mix <i>Alternanthera sessilis</i>, <i>Asparagus racemosus</i> in equal proportion and <i>Withania somnifera</i>, <i>Nigella sativa</i> in half proportion and prepare a dry mixture.</p>
<p><b>Dosage:</b></p>	<p>50 gm twice before parturition for 15 days.</p>

<b>ECZEMA:</b>	
<b>Symptoms</b>	Inflamed , discoloured patches on skin with crusting and oozing
<b>Remedy</b>	<p>a) <i>Citrus limon</i> (L.) Burm.f. (Rutaceae)</p>  <p>b) <i>Ocimum sanctum</i> (Lamiaceae)</p> 
<b>Regional Name</b>	<p>c) <i>Citrus limon</i> (L.) Burm.f. (Rutaceae)  (E) Lemon (S) Nimbuphala (H) Jambira (B) Goranebu (T) Periya Yelumichai (K) Nimbehannu (Te) Nimmakaaya (M) Cherunarigya</p> <p>b). <i>Ocimum sanctum</i> (Lamiaceae)  (E) Holy Basil (S) Tulasi (H) Tulasi (K) Tulasi (T) Kamugu (Tel) Tulasi (Ma) Adakka</p>
<b>Method of Preparation or Part used</b>	Fresh juice of Lemon and Tulasi in equal quantities
<b>Dosage</b>	Quantity sufficient to cover affected area.

### Abbreviations

(E)- English

(S)- Sanskrit

(H)- Hindi

(B)- Bengali

(K)- Kannada

(M)- Marathi

(G)- Gujrati

(T)-Tamil

(Ma)- Malayalam

(Tel )– Telugu

(O)- Odiya

**References:**

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