

# IJAPC

Volume 11 Issue 2, 2019

www.ijapc.com 2350-0204

GREENTREE GROUP PUBLISHERS



### Int J Ayu Pharm Chem

REVIEW ARTICLE

www.ijapc.com

e-ISSN 2350-0204

## Critical Analysis of Antidotes for Plant Poisons in Anupana Manjiri (Samuddesha): A Review Study

Samata Tomar<sup>1\*</sup>, Grishma Solanki<sup>2</sup> and Pankaj Rathore<sup>3</sup>

<sup>1-3</sup>Dept., Shri G.A. Mahavidhyalaya, GAU, Jamnagar, Gujarat, India

#### ABSTRACT

Agadatantra is one of the eight branches of Ashtang Ayurveda that deals with the treatment of animate and inanimate poisons and toxic foods. Poison is a substance that destroys life and impairs the body functions. To counteract consequences of Visha specific drugs and formulations are described in the texts which are known as Agada or Prativisha. Antivenoms and chelating agents and are used in modern medicine to nullify the effect of Visha (Poison), but it has own limitation. Anupana Manjiri, published by Gujarat Ayurveda University press, is an important Ayurvedic textbook for physicians of Ayurveda. This text clearly mentions about different types of Visha (Poison), and its Prativisha (antidotes) in Visha Chikitsa (treatment of poison). This paper highlights different types of Sthavara Visha (poisons of plant origin) and its antidotes mentioned in Anupana Manjiri. References about poisons are not collectively present in one chapter but they are scattered in the book. So it is an effort to put them in organized manner for the sake of students and researchers of Agadatantra.

#### **KEYWORDS**

Agadatantra, Ashtang Ayurveda, Anupana Manjiri, Prativisha



Received 12/07/19 Accepted 08/08/19 Published 10/09/19



#### **INTRODUCTION**

Poison has its origin from plant, animals, minerals, metals, toxic foods, denatured cumulative poisons, improperly cooked food, antagonistic food materials, food incompatibility. Charaka says that anything or drug wisely used can act as nectar otherwise it is a poison<sup>1</sup>. That is even a strong poison can be converted into if medicine excellent administered properly. So intention of the physician to cure the patient is most necessary. But in clinical practice poisonous and semi poisonous substances may cause side effects if not handled correctly. These side effects may be due to overdose, improper processing or incorrect use etc. Hence doctor should be well equipped and aware about the management of such unexpected adverse reactions and effects. Knowledge of judicious use of drugs and management of complications if happened is must for the practitioner. Modern science follows seven principals of removing the poison from body, out of them one is 'use of specific antidotes'. There are few antidotes for each poison and they manage the patient by general life saving procedures. To nullify the deleterious action of Visha, Ayurveda has described definite and precise Prativisha for most of the poisons.

Though Visha chikitsa is one among the Ashtang Ayurveda, a single hand information of these at one place is not various classical available in texts. Anupana Manjiri is a famous book in the arena of *Agadatantra*, and *Rasshastra*. It is written by scholars of Saurashtra and Gujarat regions and is well known by all physicians in the region. Book was written in eighteenth century by Acharya Shree Vishrama, it was divided into five Samuddeshya (Parts). Writer has already mentioned in the commencement of the book that objective of writing this book is to pacifythe diseases produced by metals, submetals, plant poisons and animal poisons. So it is exclusively book of treatments of all types of poisons. Literal meaning of *Anupana* is adjuvants hence for some specific formulations adjuvants are also mentioned. Thus it is a clinically oriented book. Division of metals into metals and submetals is one of the speciality of Anupanmanjiri. Anupana Manjiri, is written by Acharya Shree Vishrama in 18<sup>th</sup>Century.Itis a very distinctive text which is absolutely dedicated to management of side effects of different drugs of herbal, animal and mineral origins. Anupana Manjiri is of outmost important in the field Agadatantra but is explored not comprehensively. There are very few books



available in *Agadatantra* which are totally devoted to its therapeutic aspect, *Anupana Manjiri* is one of them.

Aims and Objectives: To analyze means "to break into parts and examine the components". Here is an effort to critically analyze the available data into drug wise antidotes, *Anupana*, animal origin drugs, plant origin, others, mineral origin, numerical about verses and *Samuddesha* from *Anupana Manjiri*.

#### MATERIALS AND METHODS

In this context, a review was made with the help of matter related to poisons and antipoisons substances of various origin and treatment of various poisons from the book *Anupana Manjiri*. After that results were discussed conceptually for fruitful outcome from the inferences of the study.

#### RESULTS AND DISCUSSION

**Review of** *Anupana Manjiri*: Classification of poisons was done on the basis of their origin into Plant poisons, Animal poisons and Parthiva poisons (Table 1).

**Table 1** Brief account of structure and contents of each *Samuddeshha* of *Anupana Maniiri* 

Samuddeshha	Brief description about
	contents
1	Saptadhatu and Mishraloha
2	Updhatu- Parad, Suta,
	Abhraka, Makshika, Tutha,
	Mrudarshrunga, Kasis,
	Gairika,

	Though of animal origin-
	Mukta and Praval
	areconsidered under Updhatu
3	Sthavara Visha- Ahiphena,
	Bhanga, <b>Dantibija, Ucchata.</b>
	Disease named as "Luka"
4	Jangam Visha- Sarpa,
	Vrishchika, Kukkura, Rat
	(Maraki (Plague)disease
	caused by Shweta Akhu),
	Jalauka
5	Described in two parts-1.
	Dhatu-updhatu Shodhana
	2.
	Disease wise Adjuvants

Plant poisons are classified as Mulini, Phalini, Kshirini, Pushpavarga, Pallava, Tvakvarga, Kantaka, Truna etc. Animal poisons are classified as Damshtri, Vishani, Ekshapha, Sarisrupa, Bileshaya etc. Parthiva are classified into Dhatu, Updhatu, Rasa, Uprasa, ratna, Upratna, Visha, Upavisha, Kshara etc.

The main subject of the *Anupana Manjiri* is management of poisons (*Visha Chikitsa*) as mentioned in its first verse. The annexure of the book details about, 110 drugs of herbal origin, 20 of animal origin, 36 of mineral origin, indicated for management (table 2) of *Vishaktata* (Poisoning).

**Table 2** List of poison and its specific antidotes (Samuddesha III Sthavara Visha Shanti Prakarana)

Visha	Vikarshanti
1.Nagaphena <sup>2</sup>	1.Bruhatkshudra
(Papavar	(Solanum indica
somniferum)	Linn.)juicewith(cow's
	Milk)
	2. Vacha (Acorus
	calamus, Saindhava
	(rocksalt), Pippali (Piper
	longam Linn. and
	Madanphala
	(Catunaregam spinosa
	(Thunb)for emesis



Tutha (copper sulphate) for emesis  2. Dhattura*    Datura metel (juice of Solamim mwlongena Linn.) Rasa   Pala   Amalika (Tamarin indica linn.) Phala   Amalika (Tamarin linn.)   Phala   Amalika (Tamarin linn.)	
Sulphate/for emesis  (Datura metel (Sugar)  1 Pala 2. Godugdha (cow's Milk)with Sharkara (sugar) 3. Karpasa-asthi and Pushpa (bija- seeds and flower of Gossyptum herbaceum Linn.) Kwatha (decoction) with lavana( common saltrock salt) 1. Vatisnabha¹ 2. Patavana (juice of (Aconitum ferox Gossypium Linn.)  3. Vatsnabha¹ Abaliataka⁵ (Aconitum ferox Gossypium Linn.)  4. Bhallattaka⁵ (Aconitum Linn.) Kwatha (batter) subsides the shopha(swelling) caused by Bhallataka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallataka 2. Daru- Daruharitar (Cannabis sativa ffresh roots of Delonix elata(L.) Gamble  triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. (Garcinia indica A Amlarasamaka A Dadina (Punica granatum linn.), Dadina (Punica indica (Inn.), Plad indica (Inn.), Plad Amalika (Tamarin indica linn.), Plad indica (Inn.), Plad Amalika (Tamarin indica linn.), Plad indica (Inn.), Plad Amalika (Tamarin indica linn.), Plad (Sugar in the form cystals) all togeth (S. Pugiphala (Areca catechu Linn.)  8. Pugiphala (Areca catechu Linn.)  8. Pugiphala (Areca catechu Linn.)  9. Kodrava³ 1. Murcha syncop catechu Linn.)  8. Pugiphala (Areca catechu Linn.)  8.	(Vitis vinifera
2. Dhattura	
Dadima (Punica   Punica   Punica   proportion   Punica   Punica   Punica   proportion   Punica	indica chois),
Linn.)    The part of the part	maka Amla
Linn.)    The part of the part	Punica
Pala   Amalika (Tamarin indica linn.), Phal   Amalika (Tamarin indica linn.), Phal   Parushaka (Grew asiatica) and Khan   Sugar in the form   Sugar in the form   Sharkara or Madh   I. Cold clothing's   Sharkara or Madh   Sharkara (Sugar)   Sharkara (Sugar)   Sharkara (Sugar)   Shallattaka   Sharkara (Sugar)   Sarshapa (Bressira aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Sharkara (Sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka   Sharkara (Sugar), Ghee Subsi	linn.),
2. Godugdha (cow's Milk)with Sharkara (sugar) 3. Karpasa-asthi and Pushpa (bija- seeds and flower of Gossypium herbaceum Linn.) Kwatha (decoction) with lavanat common salt/rock salt) 3. Vatsnabha <sup>4</sup> Patavana (juice of (Aconitum ferox Linn.) Linn.) arboretum//kydia calycina Roxb.) Rasa with Sharkara(sugar) 4. Bhallattaka <sup>5</sup> I. Meghnada (luice of (Semicarpus anacardium Linn.)Fl (Cow's butter) subsides the shopha(swelling) caused by Bhallattaka (Cow's butter) subsides the shopha(swelling) caused by Bhallattaka (Rerberis aristata DK), Sarshapa (Brassica capastries var, sarson prain), Musta (Cyperus rotandus Linn.)with Sharkara (sugar) (Besamum indicum Linn.)with Sharkara (sugar) (Gamabis sativa Linn.)  5. Bhanga <sup>6</sup> Cows curd, Shunthi, freshroot of Sandesada [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar afficinale Roscoe)  7. Bill object and from the catechu Linn.)  8. Pugiphala (Areca (catechu Linn.)  9. Kodrava (Sugar)  9. Kodrava (Sugar)  9. Kodrava (Paspalum caused by Kodrava (sugar)  (Paspalum (sucitius (sugar)  (Paspalum (sugar)  (Paspalum (sudinum)  (Rivinalum)  (Paspalum (sudinum)  (Rivinalum)  (Rivinalum)  (Rivinalum)  (Rivinalum)	<i>Famarindus</i>
Milk)with Sharkara (sugar)  3. Karpasa-asthi and Pushpa (bija- seeds and flower of Gossypium herbaceum Linn.)  Kwatha (decoction) with lavana (common salt/rock salt)  3. Vatsnabha <sup>4</sup> (Aconitum ferox Linn.)  Linn.)  Aballattaka <sup>5</sup> (Asphada (Juice of Gemicarpus anacardium Linn.F)  (Semicarpus Amaranthus spinosus Linn.)Rasa with Navnita (cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru-Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamun indicum Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamun indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka Linn.)  5. Bhanga <sup>6</sup> (Camabis sativa Linn.)  [Freshroot of Sandesada – [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Parishaka (Grewa (sugar in the form crystals) all togeth cough there are catechu Linn.)  generated from we catechu Linn.)  2. Internally only Sharkara (sugar) (Paspalum catechu Linn.)  2. Mada intoxicatic catechu Linn.)  3. Navnita(cow's butter) 3.	
(sugar) 3. Karpasa-asthi and Pushpa (bija- seeds and flower of Gossypium herbaceum Linn.) Kwatha (decoction) with lavana( common salt/rock salt)  3. Vatsnabha <sup>4</sup> Patavana (juice of (Aconitum ferox with Sharkara(sugar)) Linn.) Linn.) Linn.) A Bhallattaka <sup>5</sup> I. Meghnada (Juice of (Semicarpus anacardium Linn.F)  (Semicarpus (Sour's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastrie) savr. sarson prain), Musta (Cyperus rotandlus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka 4. S. Bhanga <sup>6</sup> Cows curd, Shunthi, freshroot of Sandesada [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Watsnabha <sup>4</sup> Patavana (juice of (Seypium ocaused by Bhallattaka (Sugar))  14. Bhallattaka <sup>5</sup> I. Meghnada (Juice of (Paspalum caused by Kodraw scrobiculatum milk(cow's Milk) Linn.)  2 Mada intoxication (Paspalum caused by Kodraw Kushmand Juice of Rasa with Guda (Jaggery)  2 Mada intoxication (Rerium odorum (Suffalow's milk) (Sarshapa (Brassica capastrie) var. sarson prain), Musta (Cyperus rotandlus Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, freshroot of Sandesada [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Linn.)  14. Cold clothing's catechu Linn.)  15. Martavao (Sugar)  16. Karnavira¹¹⁰ (Nerium odorum (Buffalow's milk) (Buffa	* *
3. Karpasa-asthi and Pushpa (bija- seeds and flower of Gossypium herbaceum Linn.)  Kwatha (decoction) with lavana (common salt/rock salt)  3. Vatsnabha⁴ Patavana (juice of (Aconitum ferox Gossypium arboretum/kydia calycina Roxb.) Rasa with Sharkara (sugar)  4. Bhallattaka² I. Meghnada (Juice of (Semicarpus anacardium Linn.F)  (Semicarpus Amaranthus spinosus anacardium Linn.F)  (Semicarpus Amaranthus spinosus anacardium Linn.F)  (Semicarpus Amaranthus spinosus anacardium Linn.F)  (Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga⁶ Cows cut, Shunthi, freshroot of Sandesada Linn.) (Cannabis sativa liriurated with water or administration of Ardraka (Zingibar officinale Roscoe)  3. Ardraka (Zingibar officinale Roscoe)  4. Bhallattaka² (Sugar) (Sossypium catechu Linn.)  4. Bhallattaka² (Acaotinum) (honey) with Sharkara or Madhis Sharkara or Madhis Sharkara or Madhis Sharkara (sugar) (Sossypium catechu Linn.)  4. Bhallattaka² (Acaotinum) (honey) with Sharkara or Madhis Sharkara (sugar) (Sossypium catechu Linn.)  4. Bhallattaka² (Lodi comis sativa (Segar) (Sossypium catechu Linn.)  5. Bhanga⁶ (Cow's butter) (Cannabis sativa (Cannabis sativ	*
Pushpa (bija- seeds and flower of Gossypium herbaceum Linn.)   Kwatha (decoction) with lavana (common salt/rock salt)   2. Internally only Sharkara or Madh (honey) with Sharkara (sugar)  4. Bhallattaka*  4. Bhallattaka*  4. Bhallattaka*  5. Daru- Daruharidra (cow's butter) sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga6*  Cows curd, Shunthi, freshroot of Sandesada— Internally only Sharkara (sugar) (air, shade, clothes cotton scaused by Bhallattaka  5. Bhanga6*  Cows curd, Shunthi, freshroot of Sandesada— Ifresh roots of Delonix elata(L.) Gamble  triturated with water or administration of Ardraka (Zingibar afficinale Roscoe)  Til. Vajrivisha1*(Eup horbia (Chinchapatra (lea Euphorbia (Euphorbia (Chinchapatra (lea Euphorbia (Triturated with water or administration of Ardraka (Zingibar afficinale Roscoe)  Til. All cod clothing: Catchu Linn.) (Paramitalis (Cow's Delonix elata(L.) Gamble  triturated with water or administration of Ardraka (Zingibar afficinale Roscoe)  Til. All cod clothing: Catchu Linn.) (Paramitalis (Cow's Delonix elata(L.) Gamble  triturated with water or administration of Ardraka (Zingibar afficinale Roscoe)  Til. Local applicatic (Euphorbia (Triturated with water or ad	
flower of Gossypium herbaceum Linn.) Kwatha (decoction) with lavana( common salt/rock salt)  3. Vatsnabha <sup>4</sup> (Aconitum ferox Gossypium calycina Roxb.) Rasa with Sharkara(sugar)  4. Bhallattaka <sup>5</sup> (Semicarpus anacardium Linn.F)  Gerberis var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.) [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  8. Pugiphala (Areca catechu Linn.)  9. Kodrava 2. Internally only 2. Internally only 2. Internally only 3. Navdrava 9. Linn.) 9. Kodrava <sup>9</sup> 1. Murcha syncop (Raspalum caused by Kodrava scrobiculatum milk(cow's Milk) (Paspalum scro	_
herbaceum Linn.) Kwatha (decoction) with lavana (common salt/rock salt)  3. Vatsnabha <sup>4</sup> Patavana (juice of (Aconitum ferox Gossypium arboretum//kydia calycina Roxb.) Rasa with Sharkara (Sugar)  4. Bhallattaka <sup>5</sup> 1. Meghnada (Juice of (Semicarpus anacardium Linn.)F)  6. Comicarpus (Cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru-Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) 4. Navnita (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka 2. Daru ballataka 2. Daru-Daruharidra (Portondus Linn.)with Navnita (Cow's butter) 3. Navnita(cow's butter) 4. Navnita (cow's butter) 4. Navnita (cow's butter) 5. Bhanga <sup>6</sup> (Coms curd, Shunthi, freshroot of Sandesada – [Inn.) (Fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe) 13. Dhanyaka (leaves	
Sustana (decoction) with   lavana (common salt/rock salt)   Sharkara or Madh (honey) with Shar (sugar)	-
lavana (common salt/rock salt)   Sharkara or Madh (honey) with Shar (sugar)	
3. Vatsnabha <sup>4</sup> Patavana (juice of Gossypium arboretum/kydia calycina Roxb.) Rasa with Sharkara(sugar)  4. Bhallattaka <sup>5</sup> I. Meghnada (Juice of Gemicarpus Amaranthus spinosus anacardium Linn.F)  anacardium Linn.F)  (Csemicarpus Amaranthus spinosus the shopha(swelling) caused by Bhallattaka 2. Daru-Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, freshroot of Sandesada – Linn.) [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Watsnabha <sup>4</sup> Patavana (juice of (sugar) (sugar) (Paspalum caused by Kodraw (Sugar) (Paspalum caused by Kodraw (Sugar) (Paspalum caused by Kodraw (Rushamal [licow's milk) (Nerium odorum (Buffalow's milk) (Nerium odorum (Buffalow's milk) Soland/Thevetia nerifolia Juss. Ex. Steud.) Mahish Dadhi (Bu Calotropis procera(Ait) R. Br.) Br]powderwith with sharkara (sugar) (air, shade, clothes cotton administration of Ardraka (Zingibar officinale Roscoe) 13. Dhanyaka (leaves	•
3. Vatsnabha <sup>4</sup>	
Caconitum ferox   Cossypium   arboretum/kydia   Calycina Roxb.) Rasa   Scrobiculatum   Caused by Kodrava   Calycina Roxb.) Rasa   Scrobiculatum   Caused by Kodrava   Caused by Kushmah   Jused   Caused by Kodrava   Caused by Kodrava   Caused by Kodrava   Caused by Kushmah   Jused   Caused by Kodrava   Caused by Kodrava   Caused by Kushmah   Cinn.)   Caused by Kodrava   Caused by Kushmah   Cinn.)   Caused by Kodrava   Caused by Kodrava   Caused by Kushmah   Caused by Kushmah   Caused by Kushmah   Caused by Kushmah   Caused by Caus	штынкага
Linn.)  arboretum//kydia calycina Roxb.) Rasa with Sharkara(sugar)  4. Bhallattaka <sup>5</sup> 1. Meghnada (Juice of (Semicarpus Amaranthus spinosus Linn.)Rasa with Navnita (cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) 3. Navnita(cow's butter) 3. Navnita(cow's butter) 4. Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Rodraw Kushmand [juice of Rasa with Guda (Jaggery)  10. Karnavira <sup>10</sup> (Nerium odorum (Buffalow's milk) (Nerium odorum (Buffalow's milk) Calotropis procera(Ait)R. Br]powderwith wat Calotropis procera(Ait)R. Br]powderwith wat 11. Vajrivisha <sup>11</sup> (Eup horbia antiquorum) Sharkara (sugar) Ghee Subsidespainfulcondition scaused by Bhallattaka 12. Snuhi Arka <sup>12</sup> (Cannabis sativa Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Dhanyaka (leaves	
calycina Roxb.) Rasa with Sharkara(sugar)       scrobiculatum       milk(cow's Milk)         4. Bhallattaka <sup>5</sup> (Semicarpus       1. Meghnada (Juice of Amaranthus spinosus anacardium Linn.F)       1. Meghnada (Juice of Amaranthus spinosus anacardium Linn.)Rasa with Navnita (cow's butter) subsides the shopha(swelling) caused by Bhallattaka       8enincasa hispida(Thunb) comassa hispida(Naran hispida(Thunb) comassa hispida(Thunb) comassa hispida(Thunb) comas	• •
with Sharkara(sugar)  4. Bhallattaka <sup>5</sup>	
4. Bhallattaka <sup>5</sup> (Semicarpus anacardium Linn.F)  Amaranthus spinosus Linn.)Rasa with Navnita (cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.)  [Cannabis sativa Linn.)  [Fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  [Jumple Amaranthus spinosus Linn.)  [Jumple Amaranthus pine (Susamum inspida (Nerium odorum (Nerium odorum (Nerium odorum (Suffalow's milk Jaugsery)  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amara (sugar) (Anthish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amarish Dugdha (Nerium odorum (Suffalow's milk Jaugsery  [Jumple Amara (sugar) (Anta Vacia [park Arka tvacha [bark Calotropis procera(Ait)R.  [Jumple Amarashus Arka tvacha [bark Calotropis pair, shade,	,
Amaranthus spinosus   Linn.)Rasa with Navnita   (cow 's butter) subsides   the shopha(swelling)   caused by Bhallattaka   2. Daru- Daruharidra   (Berberis aristata DK)   Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter)   3. Navnita(cow's butter)   and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka   Shanga6   Cows curd, Shunthi, (Cannabis sativa Linn.)   (Fresh roots of Delonix elata(L.) Gamble]   triturated with water or administration of Ardraka (Zingibar officinale Roscoe)   13.   Dhanyaka (leaves	
anacardium Linn.F)  Linn.)Rasa with Navnita (cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  Linn.)  Linn.)  Linn.)  Linn.)  Linn.)  Benincasa hispida(Thunb) co Rasa with Guda (Jaggery) Mahish Dugdha (Nerium odorum (Buffalow's milk) Mehrid odorum (Suffalow's milk) Sland/Thevetia Mahish Dadhi (Bu Courd Mahish Dadhi (Bu Courd Mahish Dadhi (Bu Courd Mahish Dadhi (Bu Cold Water with horbia antiquorum) Sharkara (sugar) Arka (vacha [bark Calotropis procera(Ait) R.  11. Vajrivisha <sup>11</sup> (Eup air, shade, clothes cotton 14  12. Snuhi Arka <sup>12</sup> 1. Local application Chinchapatra (lea Chinchapatra	
(cow's butter) subsides the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  10. Karnavira <sup>10</sup> Mahish Dugdha (Buffalow's milk.) Mahish Dugha	-
the shopha(swelling) caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.)  [Cannabis sativa Linn.)  [Cannabis sativa Linn.)  [Cannabis rotandus Linn.)  [Cannabis sativa Linn.)  [Cannabis rotandus Linn.)  [Cannabis sativa Linn.)  [Cannabis rotandus Linn.)  [Cannabis rotandus Linn.)  [Cannabis rotandus Linn.)  [Cannabis sativa Linn.)  [Cannabis rotandus linn.]  [Cold Water with  [Calotropis procera(Ait) R.Br.]  [Cannabis rotandus linn.]  [Cold Water with  [Cold Water vith  [Cold Water vith  [Cold Water vit	
caused by Bhallattaka 2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.)with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.) [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  10. Karnavira <sup>10</sup> Mahish Dugdha (Nerium odorum (Buffalow's milk.) Mahish Dugdha (Rerium odorum (Buffalow's milk.) Mahish Dugdha (Rerium odorum (Buffalow's milk.) Mahish Dugdha (Nerium odorum (Buffalow's milk.) Mahish Dugdha (Rerium odorum (Buffalow's milk.) Mahish Dugdha (Buffalow's milk.) Mahish Dugha	
2. Daru- Daruharidra (Berberis aristata DK), Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.) [fresh roots of Delonix elata(L.), Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  10. Karnavira <sup>10</sup> (Nerium odorum (Nerium odorum (Suffialow's milk) (Nerium odorum (Buffalow's milk) (Ruthin (Herium odorum) (Suffalow's milk) (Nerium odorum (Buffalow's milk) (Ruthin (Herium odorum) (Saludhi (Buffalow's milk) (Ruthin odorum (Arka tvacha [bark Calotropis procera(Ait) R.  11. Vajrivisha <sup>11</sup> (Eup horbia antiquorum) Sharkara (sugar) Gair, shade, clothes cotton 14  12. Snuhi Arka <sup>12</sup> 1. Local application (Cinnchapatra (lea Chinchapatra (lea Chinchapatra (lea Tamarindusindica triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Dhanyaka (leaves	Guda
(Berberis aristata DK) , Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  (Nerium odorum Soland//Thevetia Mahish Dadhi (Bu Cound) Soland//Thevetia Mahish Dadhi (Bu Curd) Narie lia Juss. Ex. Curd)  Arka tvacha [bark Calotropis procera(Ait) R. Br]powder with wa air, shade, clothes cotton 14 12. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea Chinchapa	
Sarshapa (Brassica capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  Steud.)  Steud.)  Arka tvacha [bark Calotropis procera(Ait) R. Br]powderwith water or administration of Ardraka (Zingibar officinale Roscoe)  Steud.)  Arka tvacha [bark Calotropis procera(Ait) R. Br.)  Arka tvacha [bark Calotropis procera(Ait) R. Br.)  (und)	
capastries var. sarson prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Danyaka (leaves	's milk )or
prain), Musta (Cyperus rotandus Linn.) with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa freshroot of Sandesada – Linn.) [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Steud.)   Arka tvacha [bark Calotropis procera(Ait) R.Br.)     Arka tvacha [bark Calotropis procera(Ait) R.Br.)     Calotropis procera(Ait) R.Br.)     Arka tvacha [bark Calotropis procera(Ait) R.Br.)     Calotropis procera	adhi (Buffalo's
rotandus Linn.) with Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa freshroot of Sandesada – (Euphorbia Chinchapatra (lea triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Rotation   Procea(Ait) R. Br] powderwith water or procea(Ait) R. Br] powderwith water or procea(Ait) R. Br.)   Procea(Ait) R. Br] powderwith water or procea(Ait) R. Br.)   Procea(Ait) R. Br.)   Cold Water with water or procea(Ait) R. Br.)   Co	
Navnita (cow's butter) 3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – (Euphorbia Chinchapatra (lea triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Navnita (cow's butter)   11. Vajrivisha <sup>11</sup> (Eup Cold Water with Sharkara (sugar) (Cold Water with Sharkara (sugar) (Sharkara (sugar) (S	<i>ıa</i> [bark of
3. Navnita(cow's butter) and Tila (Sesamum indicum Linn.)with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa Ifreshroot of Sandesada – Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  3. Navnita(cow's butter) 11. Vajrivisha <sup>11</sup> (Eup Cold Water with horbia antiquorum) Sharkara (sugar) 0 air, shade, clothes cotton 12. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea Chinchapatra (lea triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  3. Navnita(cow's butter) 12. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  3. Navnita(cow's butter) 11. Vajrivisha <sup>11</sup> (Eup Cold Water with Arka(calotrom) Cotton 14  2. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea triturated with water or administration of (red ochre) with Journal of the company of the	3
and Tila (Sesamum indicum Linn.) with sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – Linn.) [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  11. Vajrivisha <sup>11</sup> (Eup Cold Water with horbia antiquorum) Sharkara (sugar) (air, shade, clothes cotton  12. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea Chinchapatra (lea Chinchapatra (lea Procera(Ait) R.Br.)) 2. Intake of Suvarna (red ochre) with James (water) Dhanyaka (leaves)	
indicum Linn.) with Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa freshroot of Sandesada – Linn.)  [fresh roots of Delonix elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Indicum Linn.) with horbia antiquorum of horbia antiquorum shariquorum (sugar) oair, shade, clothes cotton   12. Snuhi Arka <sup>12</sup>   1. Local application (Euphorbia Chinchapatra (lea Ch	rwith water.
Sharkara (sugar), Ghee Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cannabis sativa freshroot of Sandesada – Linn.)  [fresh roots of Delonix elata(L.) Gamble] Arka(Calotropis triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Sharkara (sugar), Ghee	er with
Subsidespainfulcondition scaused by Bhallattaka  5. Bhanga <sup>6</sup> (Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – (Euphorbia Chinchapatra (lea Linn.)) [fresh roots of Delonix Nerifolia Linn.), Tamarindusindica elata(L.) Gamble] triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  Subsidespainfulcondition cotton 14  12. Snuhi Arka <sup>12</sup> (Euphorbia Chinchapatra (lea Chin	(sugar) Cold
scaused by Bhallattaka  5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – (Euphorbia Chinchapatra (lea Linn.))  [fresh roots of Delonix Nerifolia Linn.), elata(L.) Gamble] Arka(Calotropis triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  13. Dhanyaka (leaves	clothes like
5. Bhanga <sup>6</sup> Cows curd, Shunthi, (Cannabis sativa freshroot of Sandesada – (Euphorbia Chinchapatra (lea Linn.) [fresh roots of Delonix elata(L.) Gamble] Arka(Calotropis triturated with water or administration of Ardraka (Zingibar officinale Roscoe) 12. Snuhi Arka <sup>12</sup> 1. Local application (Euphorbia Chinchapatra (lea	
(Cannabis sativa       freshroot of Sandesada –       (Euphorbia       Chinchapatra (lea         Linn.)       [fresh roots of Delonix       Nerifolia Linn.),       Tamarindusindica         elata(L.) Gamble]       Arka(Calotropis       triturated with water         triturated with water or       procera(Ait) R.Br.)       2.Intake of Suvarn         administration of       (red ochre) with J         Ardraka (Zingibar       (water)         officinale Roscoe)       13.       Dhanyaka (leaves	
(Cannabis sativa       freshroot of Sandesada –       (Euphorbia       Chinchapatra (lea         Linn.)       [fresh roots of Delonix       Nerifolia Linn.),       Tamarindusindica         elata(L.) Gamble]       Arka(Calotropis       triturated with water         triturated with water or       procera(Ait) R.Br.)       2.Intake of Suvarn         administration of       (red ochre) with J         Ardraka (Zingibar       (water)         officinale Roscoe)       13.       Dhanyaka (leaves	pplication of
Linn.) [fresh roots of Delonix Nerifolia Linn.), Tamarindusindical elata(L.) Gamble] Arka(Calotropis triturated with water or administration of Ardraka (Zingibar officinale Roscoe)    Nerifolia Linn.), Tamarindusindical triturated with water or procera(Ait) R.Br.) 2.Intake of Suvarra (red ochre) with J. (water) Dhanyaka (leaves)	
elata(L.) Gamble] Arka(Calotropis triturated with wat triturated with water or administration of Ardraka (Zingibar officinale Roscoe)  Arka(Calotropis triturated with wat procera(Ait) R.Br.)  2.Intake of Suvarra (red ochre) with J (water)  (water)  Dhanyaka (leaves	
triturated with water or administration of admin	
administration of (red ochre) with J  Ardraka (Zingibar (water)  officinale Roscoe) 13. Dhanyaka (leaves	f Suvarngairika
Ardraka (Zingibar (water) officinale Roscoe) 13. Dhanyaka (leaves	
officinale Roscoe) 13. Dhanyaka (leaves	,
	(leaves of
O, Occidental (11010) 1, Meginiada (111000) 1 IIIIIIIIII Thiiiii Chrimath Chrimath	
precatorious Linn.) Amaranthus spinosus ermam montanum Linn.)triturated wi	
Linn.)with Sharkara Muell-Arg.//Croton water taken along	
(sugar) tiglium Linn.) Shita (sugar)	_
2. Only <i>Godugdha</i> 14. Vishakochak <sup>14</sup> Repeated continuo	
(cow's Milk)Alone (Strychnus nux consumption of G	
7. Madya <sup>8</sup> (Alcohol) Madhu (honey), Khajura vomica Linn.) along with Madhu	
(Phoenix sylvestries (honey) Sharkara Roxb., Draksha	unnunu (sugar)



15. Lukarog (Loo) <sup>15</sup>	Chinchamalaka
Due to Dushta Vata	(Tamarindus indica
(bad air)- hot and	Linn.) and Sharkara
stormy air, Ravi	(sugar)separately given
Tapa- extreme heat	with Madhu (honey)and
of the sun	Jala (Water)
16. Daha <sup>16</sup> caused	Honey and water taken
by Shitala (Measels)	with sugar
	Nilika(Indigofera
	tinctoria Linn.) triturated
	with Ghee

#### **DISCUSSION**

In Tritiya Samuddesha number of drugs used in Anupanamanjiri is forty three. Out of which twenty seven are of plant origin, seven of animal origin, four are metals and minerals and five are others. Tritiya Samuddesha consists of twenty two verses and it explained the management of toxicity of fifteen poisonous plant drugs. And other two treatments are described for Lukarog and Daha which does not come under toxicity. Anupana used are totally nine in number -Ghee, Madhu (honey), Sharkara (sugar), Jala (Water), Guda (Jaggery), Godugdha (cow's Milk), Shita(sugar not in powdered form, it is considered as more cold in potency), *Khanda* (sugar in the form of big crystals), Navnita (cow's butter). In Kuchala Vishaktata, use of antidotes are indicated as continuous or regular basis. Such frequency for intake of antidote is not mentioned vividly in other poisons. Suvarngairik (Red ochre) is the only mineral which is used as an antidote and Tankana (Borax: Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>, 10H<sub>2</sub>O) and

Saindhava (Rock salt) are classified under other criteria. Remaining all poisonous substances are of plant origin drugs.

Upadhatu explained are Suvarnagairika (Red ocre-Fe<sub>2</sub>O<sub>3</sub>) and Tutthaka (Blue vitriol CUSO<sub>4</sub>, 5H<sub>2</sub>O). Zoological name of drugs of animal origin are Godugdha (Cow's Milk)-Bos Taurus, Madhu -honey, Navnita (Cow's butter)- Bos Taurus, Mahish Dugdha (Buffalow's milk)or Mahish Dadhi curd)-(Buffalow's Bubalus bubalis. Goghrita-Bos Taurus. Patavana (Gossypium) similar family named as Malvaceae., but difficult to decide what is expected for the specific purpose of antidote activity. Patavana is controversial for its botanical identity.arboretum//kydiacalycina Roxb) comes under controversial drug of plant origin as both belongs to Otherwise all forty one drugs mentioned in this Samuddesha are noncontroversial and can be easily used in day to day practice.

#### CONCLUSION

Every system of medicine has its own line of treatment for removing toxins caused by poisonous substances. *Ayurveda* has explained several antidotes which are easily available at home too. But such remedies are not much explored. Throughout the world, Lower socioeconomic regions of the



society shows greater mortality due to poisoning as there is little awareness and publicity for emergency treatment. This article focuses on the explanations of specific antidotes of plant poisons explained in Anupana Manjiri, which are easily available and applicable by a laymen. Third Samuddessha of Anupana Manjiri is discussed here to simplify the anti poisonous remedies for Sthavara Visha (Plant origin). This is the high time to diverge the scope of research in the turf of antidotes for new improved antidotes.



#### **REFERENCES:**

- 1.Aacharya Agnivesh, Charaka, Dridhbala, Charak Samhita Sutrasthana eprint, Ch. Su. 1/126
- 2.Acharya Vishram. AnupanManjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 1-3
- 3.Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 4-6
- 4.Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 7
- 5.Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 8-10
- 6.Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3 / Verse no. 11
- 7.Acharya Vishram. Anupan Manjiri.Second edition.Sahitya sanshodhanaVibhagiya Prakashana. Gujarat Ayurveda

- University. Jamnagar 1996. Samuddesha 3/ Verse no. 12
- 8.Acharya Vishram. Anupan Manjiri. Second edition. Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 13
- 9.Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 15
- 10. Acharya Vishram. Anupan Manjiri. Second edition. Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 16
- 11. Acharya Vishram. AnupanManjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 17
- 12. Acharya Vishram. AnupanManjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 18
- 13. Acharya Vishram. AnupanManjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 19



14. Acharya Vishram. Anupan Manjiri. Second edition. Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 20

15. Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/ Verse no. 21

16. Acharya Vishram. Anupan Manjiri. Second edition.Sahitya sanshodhana Vibhagiya Prakashana. Gujarat Ayurveda University. Jamnagar 1996. Samuddesha 3/Verse no. 22