

## **MOOTRA VARGA ACCORDING TO DIFFERENT AYURVEDIC LEXICONS - A LITERARY REVIEW**

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### **ABSTRACT**

*Ayurveda* not only explains about herbo-mineral drugs but also drugs. The animal origin *dravyas* include; *Ksheera* (Milk), *Mamsa* (Flesh/Meat), *Mootra* (Urine), and *Mala* (Excreta) *dravyas*. Among which *Gomootra* is extensively used as a medicine to prepare some oils, decoctions, as well as purification of mineral drugs. The aims and objective of the present study is to screen out the *Mootra Vargas* and their different opinions according to different *Ayurvedic* lexicons. All the materials of related to *mutra vargas*, from the original text has been searched, with the qualities of *ushna*, *teekshna*, *ruksha*, *katu*, *tikta*, and *lavana rasas*, along with their therapeutic applications, were analysed systematically. The properties of the urine of various animals, such as the *Go*, *Mahisha*, *Avi*, *Aja*, *Ashwa*, *Gaja*, *Gardabha*, and *Ushtra* are minutely described. The discussion reveals that *mootra* are having *katu rasa*, *ushna virya*, *katu vipaka*, *kshara guna* especially indicated in the *kustha*, *krimi*, *dadru* etc *rogas*. In most of the *asadhyo rogas* *mootra* is indicated. Apart from these the *gardabha* and *ashwa mutra*, *manusha mutra* have specific quality like *medhya*, *unmada hara* and *apasmara hara*, and *rasayana* property. So, further scope of study is to evaluate their phyico-chemical analysis, anti-epileptic /anti-convulsion activity as well as clinical study.

**Keywords:** *Mootra*, *Kustha*, *Gomutra*, *Medhya*, *Rasayana* etc.

### **INTRODUCTION**

*Ayurveda* is not only a medical science but spiritual science too. This is the only science which talks about Purusharthas<sup>1</sup> viz; *Dharma* (Religious or Moral merits, virtue), *Artha* (Attainment of riches or worldly prosperity, acquisition of wealth), *Kama* (An object of desire, desire of sensual enjoyments), and *Moksha* (The final and eternal happiness, the liberation, or freedom). According to *Amarakosha* the word *Mootra* refers to the fluid (*Prasrava*) se-

creted by the kidney, called urine. It is one among the *Trimala- Motra*, *Purisha* and *Sweda*, according to *Ayurveda*. There are total 10 types of urine mentioned in *Ayurvedic* lexicons viz; *Avi mutra*, *Aja mutra*, *Gomutra*, *Mahisha mutra*, *Hasthi mutra*, *Ushtra mutra*, *Haya mutra*, *Khara mutra*, among these *mutras* the first four *mutras* are taken from female origin whereas the last four from male origin. In these eight types of urine the *Stree* and the *Pu-*

*rusha* urine is also considered called *Nara* or *Manusha mutra*, all together comprises ten types of *Mootras*. Of these, *Go-mutra* is most extensively used urine both internally as well as externally to purify the metals and to prepare various oils, decoctions. In general all types of *mootras* having *Ushna*, *Teekshna*, *Ruksha*, *Katu*, and *Lavana rasa*. And also acts as *Deepana*, *Krimighna*, *Vishaghna*, *Mutrajanana*, and *Raktavardhaka*. *Bhutaghna*, *Unmada-hara*.

### AIM AND OBJECTIVES-

Collected the information regarding the *mootras* mentioned in different *Ayurvedic* lexicons and minutely analysed their properties mentioned.

## DISCUSSION

### AVI MUTRA-

SLNo	Authors/ Samhita	Rasa	Virya	Vipak	Guna	Dosha	Roga
1.	<i>Acharya Charka</i> <sup>2</sup>	<i>Tikta</i>	----	----	<i>Snigdha</i>	<i>Pitta shamaka</i>	-----
2.	<i>Acharya Sushruta</i> <sup>3</sup>	<i>Katu, tikta</i>	<i>Ushna</i>	----	<i>Kshara</i>	-----	<i>Kasa shwasa, shotha, udara vibandha</i>
3.	<i>Acharya Vagbhata</i> <sup>4</sup>	----	----	----	----	----	<i>Shwasa Kasa, karnahoola</i>
4.	<i>Dhanvantri Nighantu</i> <sup>5</sup>	<i>Tikta, Katu</i>	<i>Ushna</i>	----	<i>Kshara</i>	<i>Vata shamaka -</i>	<i>pleehodara, shwasa, shosha, and vibandha.</i>
5.	<i>Raj nighantu</i> <sup>6</sup>	<i>Katu, Tikta</i>	<i>Ushna</i>	----	----	----	<i>kustha, shotha, arsha, udara shoola, rakta, prameha, visha vikara</i>
6.	<i>Kaiyadeva Nighantu</i> <sup>7</sup>	<i>Katu</i>	<i>Ushnaa</i>	----	<i>Kshara, Laghu Snigdh</i>	<i>Vata shamaka</i>	<i>shoola, arsha, shwasa, kasa, kusta,udara, pleeha,prameha, vibandha.</i>
7.	<i>Madanapal nighantu</i> <sup>8</sup>	---	----	----	----	----	<i>shopha, kustha, arsha, meha, varcha roga (retentions of stool).</i>
8.	<i>Shodhala Nighantu</i> <sup>9</sup>	<i>Tikta, Katu</i>	<i>Ushna</i>	-----	<i>Kshara</i>	<i>Vata shamaka</i>	<i>plihodara, shwasa, kasa, shopha, vibandha.</i>
9.	<i>Shaligrama Nighantu</i> <sup>10</sup>	<i>Kashaya, tikta, lavana</i>	<i>Ushana</i>		<i>Teeks, Laghu</i>	<i>Pittakar</i>	<i>bhedaka, ruksha, hridya, ruchi-karakka, krimi, kushta, medoroga, gulma, anaha, arsha, shoola, visha, shotha, pandu, udararoga.</i>

### AJAA MUTRA-

SLNo	Authors/ Samhitas	Rasa	Virya	Vipaka	Guna	Dosha	Roga
1.	<i>Acharya Charka</i> <sup>2</sup>	<i>Kashaya, Madhura</i>	----	----	<i>Pathya</i>	-----	-----
2.	<i>Acharya Sushruta</i> <sup>3</sup>	<i>Katu Tikta</i>	----	-----	-----	<i>Vata vardhaka</i>	<i>kasa,shwasa, shotha kamala,pandu</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	-----	-----	-----	-----	-----	<i>Karna shoola</i>
4.	<i>Dhanvantari Nighantu</i> <sup>5</sup>	<i>Katu Tikta</i>	-----	-----	-----	<i>Vata prakopa</i>	<i>shwasa, kasa, shotha, kamala, pandu roga.,</i>
5	<i>Raj Nighantu</i> <sup>6</sup>	<i>Katu</i>	<i>Ushna</i>		<i>Ruksha</i>	-----	<i>Nadi vikara, visha janya vikaras, pleeha roga, Uadara roga, Shwasa roga, Gulma ,and Shotha roga.</i>
6	<i>Kaiyadeva nighantu</i> <sup>7</sup>	<i>Katu, Madhura, Tikta, Kashya</i>	<i>Ushna</i>		<i>Ruksha Tikshna</i>	<i>TridoshagnaKinchit Vata prakopaka</i>	<i>gulma, shwasa, kasa, nadi vrina, visha, kamala, pandu, shosha. Karna</i>

## MATERIALS AND METHODS-

### Materials

All the original text has been searched for the *mootra vargas*, having the qualities of *ushna*, *teekshna*, *ruksha*, *katu*, *tikta*, and *lavana rasas*, along with their therapeutic applications, properties were analysed.

### Method

After obtaining the list of the various *mootras*, the *rasa panchaka* and properties, their therapeutic applications were analysed systematically.

							<i>shoola</i>
7.	<i>Madanapala nighantu</i> <sup>8</sup>	-----	-----	-----	-----	<i>Tridoshagni</i>	<i>gulma, visha, shwasa, kamala, and pandu rogas</i>
8.	<i>Shodhala Nighantu</i> <sup>9</sup>	-----	-----	-----	-----	-----	<i>kamala, pandu, kasa, shwasa, shosha, nadi vrina , garavisha.</i>
9.	<i>Shaligrama Nighantu</i> <sup>10</sup>	<i>Kashaya</i>	<i>Ushna</i>	-----	<i>Tikshna</i>	-----	<i>shoola, gulma, shwasa, kasa, kamala, pandu, and arsha.</i>

**GOMOOTRA-**

SLNo	Authors /Samhita	Rasa	Virya	Vipak	Guna	Doshagnat	Rogagnata
1.	<i>Charaka samhita</i> <sup>2</sup>	<i>Su-madhur</i>	----	----	<i>Kinchit ushna</i>	<i>Trodosha shamaka</i>	<i>krimi , kustha</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	<i>Katu</i>	----	----	<i>Tikshna, laghu, kshara</i>	<i>Agnidipana, pitaa-jana,kaphavata shamaka,</i>	<i>shoola, gulma, udara, anaha, Virechana karma</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	<i>Lavana anu rasa</i>	<i>Ushna</i>	----	<i>ruksha, laghu, teekshna,</i>	<i>Pittavardhaka</i>	<i>krimiroga,shopha, udara, anaha , shoola , pandu visha vikara, gulma aruchi, shwitra , kustha ,arsha agnidipana, pachaka, purisha bhedaka</i>
4.	<i>Dhanvantari nighantu</i> <sup>5</sup>	<i>Katu, Tikta</i>	<i>Ushna</i>	----	<i>kshariya lekhana, saraka, laghu, agnidipaka, Medhya</i>	<i>pittakara, kapha-vatahara.</i>	<i>Sadhyarogas</i>
5.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	<i>Katu, tikta, kashya, Kinchit madhur</i>	<i>Ushna</i>	----	<i>Tikshna, kshara, laghu, pacahakhbhedak medhya</i>	<i>Pittakara kapha-vata shamaka</i>	<i>kustha, gulma, udara roga, anaha, shwasa, arsha, pandu shoola.</i>
6.	<i>Raj Nighantu</i> <sup>6</sup> and <i>Shali-gram Nighantu</i> <sup>10</sup>	<i>Katu, tikta</i>	<i>Ushna</i>		<i>Laghu, medhya,</i>	<i>Kapha-vata shamaka, pitaakara</i>	<i>Twag doshanashaka</i>
7.	<i>Bhava prakasha nighantu</i> <sup>11</sup>	<i>Katu-tikta-kashya</i>	-----	-----	-----	<i>Pittakara,Kapha-vata shamaka</i>	<i>gulma, udara roga, anaha, kandu, netra and mukha sambandhi rogas, kilasa, bastigata roga, kustha, kasa, shwasa, shotha, kamala, pandu, mutra rodha, atisara, krimi .karna shoola nashaka,</i>
8.	<i>Shodhala nighantu</i> <sup>9</sup>	<i>Katu</i>	----	----	<i>teekshna, sak-shara,pachana laghu, Bhedana agnisandipana, medhya,</i>	<i>Kaphakara, Vatahara</i>	<i>udara, anaha, shoola,gulma nashaka, Panchakaram procedures.</i>
9.	<i>Madanapala Nighantu</i> <sup>8</sup>	<i>Lavana-amla-tikta</i>	-----	-----	<i>Dipana-pachana, stotovishodhana, Hridya, Bhedana</i>	<i>Pittakara, Vatanulomana</i>	<i>Kustaghna, Kan-dughna, Arshoghna, Shopha-Udara,Gulma Krimighna, Pandu, Shool</i>

**MAHISHI MOOTRA-**

SL.No	Authors /Samhitas	Rasa	Virya	Vipak	Guna	Doshagnat	Rogagnata
1.	<i>Charaka samhita</i> <sup>2</sup>	----	-----	----	<i>Kshara</i>	-----	<i>Arsha, udara, shopha</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	-----	-----	-----	-----	-----	<i>Arsha, udara</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	<i>Katu, lavana</i>	----	----	<i>Laghu, ruksha, tikshna</i>	<i>Kaphagna</i>	<i>shoola, kustha, krimi, prameha, anaha, shopha, gulma, pandu,</i>

4.	<i>Dhanvantari nighantu</i> <sup>5</sup>	-----	-----	-----	-----	-----	<i>arsha, udara, shoola, kustha, prameha, anaha, shotha, pandu</i>
5.	<i>Raj Nighantu</i> <sup>6</sup>	<i>Katu</i>	<i>Ushna</i>	-----	-----	-----	<i>anaha, shotha, gulma, netra vikaras, kustha, shoola, udara.</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	<i>Katu-tikta-kashay</i>				<i>Vata shamaka</i>	<i>shopha, arsha, gulma, anaha, udara roga, prameha, pandu, shoola, krimi, kustha, panchakarma vyapad vikaras</i>
7.	<i>Madanapala Nighantu</i> <sup>8</sup> ,	<i>Lavan-amla-tikta</i>	-----	-----	<i>Ruksha, dipana, pachanstotovishodhan Bhedan</i>	<i>Pittala, vatanulomana</i>	<i>hridyam, kustha, kandu, arsh, shophadara, gulma, krimi, pandu, shoolahar</i>
8.	<i>Shalagrama nighantu</i> <sup>10</sup>	<i>Kashay tikta lavana</i>	<i>Ushna</i>	-----	<i>Tikshnalaghu, Bhedakruksha,</i>	<i>Pittakarak</i>	<i>kustha, medoroga, gulma, anaha, arsha, shoolavata, vishanashaka, shotha, pandu, udararoga</i>

**HASTHI MUTRA-**

SL.No	Authors /Samhita	Rasa	Virya	Vipak	Guna	Doshagnata	Rogagnata
1.	<i>Charaka samhita</i> <sup>2</sup>	<i>Lavan</i>	-----	-----	-----	-----	<i>krimi kustha vibandha, visha, arsha, shleshma rogas</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	<i>Tikta-lavana</i>			<i>Tikshna, kshara, Malabhedak</i>	<i>Vata-pitta prakopaka</i>	<i>Kilasa kustha</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	-----	-----	-----	-----	-----	<i>Kilasa roga</i>
4.	<i>Dhanvantari nighantu</i> <sup>5</sup>	<i>Tikta-Lavan</i>	-----	-----	<i>Tikshna, kshariya,</i>	<i>Vatashamak pitaa vardhaka</i>	<i>Kilasa roga</i>
5.	<i>Raj Nighantu</i> <sup>6</sup>	<i>Tikta-kashyalavana</i>	<i>Ushna</i>	-----	-----	<i>Vatashamak</i>	<i>bhuta dosha hara, shoola, hikka, shwsa</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	<i>Katu-tikta</i>			<i>Kshara, Bhedaka</i>	<i>Pittakaraka, vatashamak</i>	<i>kustha, kilasa, krimi, gulma, visha, arsha, kaphaja vikaras, Jirna shoola</i>
7.	<i>Madanapala nighantu</i> <sup>8</sup>	-----	-----	-----	-----	-----	<i>visha, arsha, kustha, gulma, krimi.</i>
8.	<i>Shaligramam nighantu</i> <sup>10</sup>	<i>Tikta-katu-kashya</i>	----	---	<i>Bhedaka</i>	<i>Vatashamakpittavardhak</i>	<i>kustha, arsha, pandu, udara, shoola</i>

**USHTRA MUTRA-**

SL. No	Authors/ Samhitas	Rasa	Virya	Vipak	Guna	Doshagnat	Rogagnata
1.	<i>Charaka Samhita</i> <sup>2</sup>	<i>Tikta</i>	-----	-----	-----	-----	<i>Shwasa Kasa, Arsha</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	-----	-----	-----	-----	<i>Vatahara</i>	<i>shotha, kustha, udara roga, unmada, vata vikara, krimi roga, arsha rogas.</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	<i>Tikta</i>	<i>Ushna</i>	-----	-----	-----	<i>shwsasa, kasa, unmada, krimi arsha, kustha, udara</i>
4.	<i>Dhanvantari nighantu</i> <sup>5</sup>	-----	-----	-----	-----	-----	<i>shotha, kustha, udara, unmada, krimi vata, arsha</i>
5.	<i>Raj Nighantu</i> <sup>6</sup>	<i>Katu-tikta-lavana</i>	<i>Ushna</i>	----	<i>Balakar</i>	<i>Pitta prakopaka</i>	<i>Vata vikara nashana</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	<i>Katu-tikta</i>	<i>Ushna</i>	----	-----	-----	<i>udara roga, unmada, shopha, arsha, krimi, kustha. Especially used in vatika kustha</i>

7.	<i>Madanapala nighantu</i> <sup>8</sup>	----	----	----	----	----	----	<i>unmada, shopha, krimi, shoola, udara</i>
8.	<i>Shaligrama nighantu</i> <sup>10</sup>	-----	-----	-----	-----	Kapha shamaka	-Vata	<i>krimi, dadru nivaraka, kustha, unmada, shosha, arsha, krimi,</i>

### ASHWA MUTRA-

SL.No-	Authors/Samhitas	Rasa	Virya	Vipaka	Guna	Doshagnata	Rogagnata
1.	<i>Charaka samhita</i> <sup>2</sup>	Tikta-katu	----	-----	-----	-----	<i>kustha, vrana, vishahara</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	Katu	----	-----	Tikshna, Agni Dipana	Kapha hara	<i>chitta vikara hara,krimi dadru.</i>
3.	<i>Astanga sangraha</i> <sup>4</sup>	----	----	----	Kshara	-----	<i>Kilasa kustha</i>
4.	<i>Dhanvantari nighantu</i> <sup>5</sup>	Katu-tikta	----	-----	-----	Kapha –Vata shamaka,	<i>Krimigna, Dadrugna</i>
5.	<i>Raj Nighantu</i> <sup>6</sup>		Ushna	Tikshna	Dipana,	Vatahara, Pittakara	<i>Vata vikara rogas</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	Katu	----	-----	Agni dipana, Tikshna, Kshara	Kapha-vatahara	<i>Kilasa,Krimi, Dadru, Kustha, Unmada,</i>
7.	<i>Madanapala nighantu</i> <sup>8</sup>	----	----	----	Bhedana	Kapha shamak	<i>Krimi, Dadru,</i>

### GARDABHI/ KHARA MUTRA-

SL. No-	Authors/ Samhitas	Rasa	Virya	Vipak	Guna	Doshagnata	Rogagnata
1.	<i>Charaka samhita</i> <sup>2</sup>	----	-----	-----	-----	-----	<i>apasmara, unmada, graha</i>
2.	<i>Sushruta samhita</i> <sup>3</sup>	----	-----	-----	Tikshna	Kapha-vata shamaka	<i>unmad aadi chitta vikaras, sangrahani, krimi, agnimandya</i>
3.	<i>Asthanga sangraha</i> <sup>4</sup>	----	-----	-----	-----	-----	<i>Unmada, apasmar Krimi, prameha</i>
4.	<i>Dhanvantari Nighantu</i> <sup>5</sup>					Kapha shamaka	<i>vishagna, manasa doshahara, teekshna guna, grahani roga hara, krimighna, agnideepana,</i>
5.	<i>Raj Nighantu</i> <sup>6</sup>	Katu	----	Ushna	Tikshna, Kshara	-----	<i>mahavata rogas, bhuta vikaras, kampavata, and unmada roga.</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	----	-----	-----	Tikshna, Agni dipaka	Kapha-vata shamaka	<i>krimi, chitta vikara, grahani, visha, prameha</i>
7.	<i>Madanapala nighantu</i> <sup>8</sup>	----	-----	-----	-----	-----	<i>Unmada, meha, krimi, kustha</i>
8.	<i>Shaligrama nighantu</i> <sup>10</sup>	Lavan	Ushna	-----	Tikshna Khara	Kapha shamaka,	<i>Bhuta, kampa, unmade hara</i>

### MANUSHYA MUTRA /NARA MUTRA-

SL.No-	Authors/ Samhitas	Rasa	Virya	Vipak	Guna	Doshgnat	Rogagnata
1.	<i>Sushruta samhita</i> <sup>3</sup>	----	-----	-----	-----	-----	<i>Visha nashaka</i>
2.	<i>Astanga sangraha</i> <sup>4</sup>	-----	-----	-----	-----	-----	<i>Visha hara</i>
3.	<i>Raj Nighantu</i> <sup>6</sup>	Lavana	-----	-----	Ruksha	-----	<i>krimi, vrana, visha vikara, bhuta-twak dosha,vatarog</i>
4.	<i>Bhavaprakasha nighantu</i> <sup>11</sup>	Lavana	-----	-----	Tikshna, Kshar-Rasayana	-----	<i>gara visha, raktavikara paama roga,</i>
5.	<i>Dhanvantari nighantu</i> <sup>5</sup>	Tikta	-----	-----	-----	Kapha-vata – pitta hara	<i>Murcha, Rakta vikara,</i>
6.	<i>Kaiyadeva nighantu</i> <sup>7</sup>	Katu	----	----	Rasayana, Kshara,	----	<i>Visha nashaka</i>
7.	<i>Shodhala nighantu</i> <sup>9</sup>	-----	-----	-----	-----	-----	<i>Visuchika, Visha hara</i>
8.	<i>Madanapala nighantu</i> <sup>8</sup>	-----	-----	-----	Rasayana	-----	<i>Gara visha nashaka</i>
9.	<i>Shaligrama nighantu</i> <sup>10</sup>	Katu-Madhur	-----	-----	Laghu, Drava,Kshara, Ghana,	-----	<i>Visha nashaka, Rasayana</i>

## CONCLUSION

By above discussion most of the *mootra* are having *katu rasa*, *ushna virya*, *katu vipaka*, *kshara guna* especially indicated in the *kustha*, *krimi*, *dadru* etc *rogas*. In most of the *asadhyo rogas* *mootra* is indicated. Apart from these the *gardabha* and *ashwa mutra*, *manusha mutra* have specific quality like *medhya*, *unmada hara* and *apasmara hara*, and *rasayana* property. So, further scope of study is to evaluate their phyico-chemical analysis, anti-epileptic /anti-convulsion activity as well as clinical study.

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