



ACHARYA SUSHRUTOKTA GANA AND THEIR PHARMACOLOGICAL ACTIONS- A REVIEW

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ABSTRACT:

The grouping of the drug is seen since in *Samhita* as well as in *Nighantu* times. It helps to remember the drugs along with their pharmacological actions. There are 38 groups as per *Acharya Sushruta*. Each group start with the name of the first drug. Viz; *Vidarigandhadi Gana*, *Aragwadhadi Gana*, *Saalaradi Gana*, *Varunadi Gana*, *Viratarvadi Gana*, *Rodhradi Gana*, *Arkadi Gana*, *Surasadi Gana*, *Mushkakadi Gana*, *Pippalydi Gana*, *Eladi Gana*, *Vachadi Gana*, *Haridradi Gana*, *Shyamadi Gana*, *Brihatyadi Gana*, *Patoladi Gana*, *Kakolydi Gana*, *Ushakadi Gana*, *Sarivadi Gana*, *Anjanadi Gana*, *Parushakadi Gana*, *Priyangwadi Gana*, *Ambasthadi Gana*, *Nyagrodhadi Gana*, *Guduchadi Gana*, *Utpaladi Gana*, *Mustadi Gana*, *Triphala*, *Trikatu*, *Amalakyadi Gana*, *Trapwadi Gana*, *Lakshadi Gana*, *Laghu Panchamula*, *Brihat Panchamula*, *Dashamula*, *Valli Panchamula*, *Kantaka Panchamula*, and *Trina Panchamula*. Each group contains more than 3-4 drugs. Here an attempt is made to highlight the drugs along with their pharmacological actions. Further scope of study is to evaluate the pharmacological activities with modern animal experimentation.

Keywords: *Sushruta Samhita*, Pharmacological Actions, *Nighantu*, *Gana*, *Varga*, *Aragwadhadi Gana*, *Salasaradi Gana*, *Haridradi Gana*

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INTRODUCTION-

The *Dravyaguna Vijnana* is embedded in all the *Ayurvedic* scriptures. These scriptures give rise detail explanations about the drugs. The drugs were classified on the basis of pharmacological actions. The grouping of the drugs not only helps to remember but also to help in the treatment aspect. As in *Charaka Samhita Sutrastana* the drugs are grouped named *Mahakashaya Varga*^[1]. In the same way *Acharya Sushruta* grouped the drugs. According to *Acharya Sushruta* explained numerous drugs in the form of grouping called *Varga* or *Ganas*^[2]. Viz; *Vidarigandhadi Gana*, *Aragwadhadi Gana*, *Salasaradi Gana* etc. Each group contains more than 3-4 drugs. Each drug grouping explains about the respective pharmacological actions.

AIMS AND OBJECTIVES-

- The aim of the present work is to highlight the concept of grouping methods as per *Sushruta Samhita*.
- The objective is to elaborate the concept of classification and grouping according *Sushruta Samhita*.

MATERIAL AND METHODS-

The different classifications, assessment was highlighted on the basis of *Sushruta Samhita*. Pharmacological actions were done strictly through *Sushruta Samhita* text

DISCUSSION-

Acharya Sushrutokta Ganas^[3] explained systematically along with their pharmacological actions- As per *Charaka Samhita* the *Sushruta Samhita Ganas* can be compared as follows;

Table no.1: Comparative analysis of Charakokta and Sushrutokta Varga

SL.NO	CHARAKOKTA VARGA	SUSHRUTOKTA VARGA
1.	<i>Jivaniya</i>	<i>Kakoolyadi</i>
2.	<i>Brimhaniya</i>	<i>Vidarigandhadi</i>
3.	<i>Lekhaniya</i>	<i>Musthadi</i>
4.	<i>Bhedaniya</i>	<i>Shyamadi</i>
5.	<i>Sandhaniya</i>	<i>Ambhasthadi, Priyangwadi</i>
6.	<i>Dipaniya</i>	<i>Pippalyadi</i>
7.	<i>Balya</i>	<i>Laghu Panchamula</i>
8.	<i>Varnya</i>	<i>Eladi</i>
9.	<i>Hridya</i>	<i>Parushakadi</i>
10.	<i>Triptighna</i>	<i>Patoladi</i>

11.	<i>Arshoghna</i>	<i>Mushkakadi</i>
12.	<i>Kusthaghna</i>	<i>Aragwadhadi, Salasaradi, Arkadi, Lakshadi.</i>
13.	<i>Kandughna</i>	<i>Eladi, Aragwadhadi</i>
14.	<i>Krimighna</i>	<i>Surasadi, Lakshadi</i>
15.	<i>Vishaghna</i>	<i>Rodhradi, Aragwadhadi, Arkadi, Anjanadi</i>
16.	<i>Stanyajanana</i>	<i>Kakolyadi</i>
17.	<i>Stanyashodhana</i>	<i>Musthadi, Vachadi, Haridradi.</i>
18.	<i>Shukrajanana</i>	<i>Kakolyadi</i>
19.	<i>Shukrashodhana</i>	<i>Valli Panchamula, Kantaka Panchamula.</i>
20.	<i>Virechanopaga</i>	<i>Parushakadi</i>
21.	<i>Chardi Nigrahana</i>	<i>Nyagrodhadi</i>
22.	<i>Trishna Nigrahana</i>	<i>Guduchadi, Utpaladi, Sarivadi, Parushakadi</i>
23.	<i>Hikka Nigrahana</i>	<i>Brihatyadi, Vidarigandhadi</i>
24.	<i>Purisha Sangrahaniya</i>	<i>Rodhradi, Priyangwadi, Ambhastadi</i>
25.	<i>Purisha Virajaniya</i>	<i>Nyagrodhadi</i>
26.	<i>Mutra Sangrahaniya</i>	<i>Nyagrodhadi, Salasaradi</i>
27.	<i>Mutra Virechaniya</i>	<i>Trina Panchamula, Viratarwadi</i>
28.	<i>Mutra Virajaniya</i>	<i>Utpaladi</i>
29.	<i>Kasahara</i>	<i>Vidarigandhadi</i>
30.	<i>Shwasahara</i>	<i>Pippalydi, Surasadi</i>
31.	<i>Shothahara</i>	<i>Dashamula</i>
32.	<i>Jwarahara</i>	<i>Sarivadi, Patoladi, Amalkyadi</i>
33.	<i>Dahaprashamana</i>	<i>Sarivadi, Anjanadi, Utpaladi</i>
34.	<i>Sheeta prashamana</i>	<i>Pippalyadi, Surasadi</i>
35.	<i>Udarda Prashamana</i>	<i>Salasaradi</i>
36.	<i>Angamarda Prashamana</i>	<i>Vidarigandhadi</i>
37.	<i>Shoola Prashamana</i>	<i>Pippalyadi</i>
38.	<i>Shonita Sthapana</i>	<i>Priyangwadi, Anjanadi</i>
39.	<i>Vedana Sthapana</i>	<i>Rodhradi</i>
40.	<i>Sanjna Sthapana</i>	<i>Priyangwadi</i>

41.	<i>Praja Sthapana</i>	<i>Vidarigandhadi, Kakolyadi</i>
42.	<i>Vaya Sthapana</i>	<i>Kakolyadi, Vidarigandhadi</i>
43.	<i>Vamana</i>	<i>Urdhwabhagahara</i>
44.	<i>Virechana</i>	<i>Adhobhagahara</i>
45.	<i>Shodhana</i>	<i>Ubhayabhagahara</i>

Vidarigandhadi

Gana- *Vidarigandha(Desmodium gangeticum), Vidari(Peuraria tuberosa), Vishwadeva(Grewia hirsuta), Sahadevi(Vernonia cinerea), Gokshura(Tribulus terrestris), Prithakparni(Uraria picta), Shatavari(Asperagus racemosus), Sariva(Hemidemus indicus), Krishna Sariva(Cryptolepis b Buchananani), Jivaka(Microstylis wallichii), Rishabhaka(Microstylis mucifera), Mahasaha(Teramnus labialis), Kshudrasaha(Vigna trilobata), Brihati(Solanum indicum, Solanum xanthocarpum) Dwaya, Punarnava(Boerhavia diffusa), Eranda(Ricinus communis), Hamsapadi(Adiatum lunulatum), Vrischikali(Pergularia extensa), Kapikacchu(Mucuna Prureins).*

Indications- It is *Vata-Pittahara*, indicated in *Sosha(Emaciation), Gulma(Visceral organ diseases), Angamarda(Body pain), Urdhwa Shwasa and Kasa(Asthma and Cough)*

Aragwadhadi Gana- *Aragwadha(Cassia fistula), Madanaphala(Randia dumetorum), Gopaghonta(Momordica charantia),*

Kutaja(Holarrhena antidysenterica), Patha(Cissampelos pariera), Patala(Cissampelos pareira), Murva(Marsedenia tenacissima), Indrayava(Seeds of Holarrhena antidysenterica), Saptaparna(Alstonia scholaris), Nimba(Azadirachta indica), Peeta Saireyaka(Barleria prionits), Neela Saireyaka(Barleria strigosa), Guduchi(Tinospora cordifolia), Chitraka(Plumbago zeylanica), Shargestha(Physalis minima), Karanja(Pongamia pinnata), Pootika(Caesalpinia crista), Patola(Tricosanthes dioica), Kiratatikta(Swertia chirata), Karavellaka(Momordia charatia).

Indications- It is *Kaphahara*, Indicated in *Visarpa, Meha, Kustha, Jwara, Chardi, Kandu, Vrina*

Fomulations- *Aragwadhadi Kashaya, Kutajaristha, Khadiraristha*

Salasaradi Gana- *Salasara(Resin of Shorea robusta), Ajakarna(Veteria indica), Khadira(Acacia catechu), Kadara(Acacia suma), Kaalaskanda(Diospyros melanoxylon),*

Kramuka(Areca catechu), Bhurja(Betula utilis), Meshashringi(Dolichandrone falcata), Tinisha(Eugenia dalbergiodes), Chandana(Santalum album), Kuchandana(Pterocarpus santalinus), Sinshipa(Galbergia sisso), Shirisha(Albizzia labback), Asana(Pterocarpus marsupium), Dhava(Anogeissus latifolia), Arjuna(Terminalia arjuna), Taala(Borassus flabellifer), Shaaka(Tectona grandis), Naktamaala(Pongamia pinnata), Putika(Holoptelia integrifolia), Ashwakarna(Dipterocarpus alatus), Agar(Aquillaria agallocha), Kaliyaka(Coscinium fenestratum)

Indications- It is *Kapha Shamaka*, indicated in *Kustha, Meha, Pandu, Medoroga*

Varunadi Gana- *Varuna(Creteava nurvala), Artagala(Xanthium strumarium), Shigru(Moringa oleifera), Madhu Shigru(Moringa cancanensis), Tarkari(Premna mucranata), Meshashringi(Dolicandrone falcata), Putika(Holoptelia integrifolia), Nakmala(Pongamia pinnata), Morata(Flowers of Alangium salvifolium), Agnimatha(Premna integrifolia), Raktapushpa Saireyaka(Barleria cristata), Neelapushpa Saireyaka(Barleria strigosa), Bimbi(Coccinia grandis), Vasuka(Osmanthus fragrans), Vasira(Achyranthes aspera), Chitraka(Plumbago zeylanica),*

Shatavari(Asparagus racemosus), Bilva(Aegle marmelos), Ajashringi(Pergularia extensa), Darbha(Desmostachya bipinnata), Brihati(Solanum indicum), Kantakari(Solanum xanthocapuma

Indications- It is *Kaphashamaka*, indicated in *Shirashula, Gulma, Medoroga, Abhyantara Vidhradi*

Chemical Components- Flavonoids, Tannins, Saponins, Triterpenoids, Alkaloids, Glucosilicates

Formulations- *Varunadi Kashaya, Vrikka Doshahara Kashaya*

Viratarvadi Gana- *Virataru(Dichrostachys cinerea), Raktapushpa(Barleria cristata), Neelapushpa(arleria strigosa), Darbha(Imperata cylindrica), Vrikshadini(Loranthus longiflorus), Gundra(Typha angustata), Nala(Arundo donax), Kusha(Eragrostis cynosuroides), Kasa(Saccharum spontaneum), Ashmabhedaka(Berginia ligulata), Agnimantha(Premna integrifolia), Morata(Maerua arenaria), Vasuka(Osmanthus fragrans), Vasira(Achyranthes aspera), Bhalluka(Oroxylum indicum), Kurantika(Barleria prionitis), Indivara(Celosia cristata), Kapotavanka(Bacopa monnieri), Swadamshttra(Tribulus terrestris)*

Indications- It is *Vatahara*, indicated in *Vataroga*, *Ashmari*, *Sharkara*, *Mutrakrichra*, *Aghataja Ruja*.

Rodhradi Gana- *Lodhra*(*Symplocos racemosa*), *Sabara* *Lodhra*(*Symplocos crataegoides*), *Palasha*(*Butes monosperma*), *Kutannata*(*Oroxylum indicum*), *Ashoka*(*Saraca asoca*), *Phanji*(*Rivea ornata*), *Katphala*(*Myrica nagi*), *Elavaluka*(*Prunus cerasus*), *Shallaki*(*Boswellia serrata*), *Jingini*(*Odina woodier*), *Kadamba*(*Anthocephalus cadamba*), *Shala*(*Shorea robusta*), *Kadali*(*Musa paradisiaca*).

Indications- It is *Kaphahara*, indicated in *Medoroga*, *Yonidosha*, *Visha*.

Arkadi Gana- *Arka*(*Calotropis procera*), *Alarka*(*Calotropis gigantia*), *Vriksha* *Karanja*(*Pongamia pinnata*), *Vitapa* *Karanja*(*Holoptella integrifolia*), *Nagadanti*(*Baliospermum montanum*), *Mayuraka*(*Achyranthes aspera*), *Bharangi*(*Clerodendron serratum*), *Rasna*(*Pluchea lanceolata*), *Indrapushpi*(*Gloriosa superba*), *Kshudrashweta*(*Clitorea ternatae*), *Mahashweta*(*Clitorea ternatae*), *Vrischikali*(*Pergularia extensa*), *Alavana*(*Celastrus paniculatus*), *Taapasa*(*Balanites roxburghii*)

Indications- It is *Kaphanashaka*, indicated in *Krimi*, *Kustha*, *Vrana*, *Medoroga*

Surasadi Gana- *Surasa*(*Ocimum sanctum*), *Shweta* *Surasa*(*Ocimum santum*), *Phanijjaka*(*Origanum majorana*), *Arjaka*(*Ocimum basilicum*), *Bhustrina*(*Cymbopogon citratus*), *Sugandhaka*(*Leucas aspera*), *Sumuka*(*Brassica juncea*), *Kaalamaala*(*Ocimum basilicum*), *Kasamarda*(*Cassia occidentalis*), *Kshavaka*(*Centipeda minima*), *Kharapushpa*(*Origanum majorana*), *Vidanga*(*Embelia ribes*), *Katphala*(*Myrica nagi*), *Surasi*(*Limonia crenulata*), *Nirgundi*(*Vitex negundo*), *Kulahala*(*Spaerathes indicus*), *Unduru Karnika*(*Ipomea reniformis*), *Phanji*(*Clerodendrum serratum*), *Prachibala*(*Perstrophe bicalyculata*), *Kakamachi*(*Solanum nigrum*), *Vishamusthi*(*Strycnus nux vomica*)

Indications- It is *Kaphahara* indicated in *Krimi*, *Pratishyaya*, *Aruchi*, *Shwasa*, *Kasa*, *Vrina*.

Mushakadi Gana- *Mushkaka*(*Schrebera swieteniodes*), *Palasha*(*Butea monosperma*), *Dhava*(*Anogeissus latifolia*), *Chiitraka*(*Plumbago zeylanica*), *Madana*(*Randia spinosa*), *Vrikshaka*(*Holorrhena antidysenterica*), *Sinshapa*(*Dalbergia sissoo*), *Vajra* *Vriksha*(*Euphorbia nerifolia*), *Haritaki*(*Terinalia*

chebula), *Vibhitaki*(*Terminalia belerica*),
Amalaki(*Embllica officinalis*).

Indications- It is *Kaphahara*, indicated in *Medoroga*, *Shukradosha*, *Meha*, *Arsha*, *Pandu*, *Shoka*

Pippalydi Gana- *Pippali*(*Piper longum*),
Pippalimula(Root of *Piper longum*),
Chavya(*Piper chaba*), *Chitraka*(*Plumbago zeylanica*), *Shringavera*(*Zingiber officinale*),
Maricha(*Piper nigrum*), *Gajapippali*(*Piper chaba*), *Harenuka*(*Amomum subulatum*),
Ela(*Elattaria cardamomum*), *Ajamoda*(*Apium graeolens*), *Indrayava*(Seeds of *Holarrhena antidysenterica*), *Patha*(*Cissampelos pariera*),
Jiraka(*Cuminum cyminum*), *Sarshapa*(*Brassica campestris*), *Mahanimba Phala*(*Melia azadirachta*), *Hingu*(*Ferula narthex*),
Bharangi(*Clerodendron serratum*),
Madhuras(*Marsedenia tenacissima*),
Ativisha(*Aconitum heterophyllum*),
Vacha(*Acorus calamus*), *Vidanga*(*Embelia ribes*), *Katurohini*(*Picrorrhiza kurroa*).

Indications- It is *Kapha* and *Vatahara*, indicated in *Pratishyaya*, *Aruchi*, *Agnimandya*, *Gulma*, *Shula*.

Eladi Varga- *Ela*(*Elattaria cardamomum*),
Tagara(*Valeriana wallaichi*), *Kustha*(*Saussera lappa*), *Mamsi*(*Nordostyachys jatamansi*),
Dhyamaka(*Cimbopogon citratus*),
Twak(*Cinnamomum zeylanica*),
Patra(*Cinnamomum tamala*),

Nagapushpa(*Mesua ferrea*),
Priyangu(*Callicarpa macrophylla*),
Harenuka(*Amomum subulatum*),
Vyaghranakha(*Capparis sepiaria*),
Shukti(*Vyaghranakha variety*),
Chanda(*Angelica archangelica*),
Sthauneyaka(*Taxus baccata*),
Shrivestaka(*Pinus roxburghii*),
Coca(*Cinnamomum zeylanica*),
Choraka(*Angelica glauca*), *Valuka*(*Prunus cerasus*), *Guggulu*(*Commiphora mukul*),
Sarjarasa(*Vateria indica*),
Turushka(*Liquidamber orientalis*),
Kundururu(*Niryasa of Boswellia serrata*),
Sprakka(*Delphinium zalil*), *Ushira*(*Vetiveria zizanioides*), *Bhadradaru*(*Cedrus deodara*),
Kunkuma(*Crocus sativus*),
Punnaga(*Calophyllum inophyllum*),
Keshara(*Mimusops elengi*).

Indications- It is *Vatakaphahara* indicated in *Visha*, *Kandu*, *Peedaka*, *Kotha*, *Vrina*.

Vachadi Gana- *Vacha*(*Acorus calamus*),
Mustha(*Cyperus rotundus*), *Ativisha*(*Aconitum heterophyllum*), *Abhaya*(*Terminalia chebula*),
Bhadradaru(*Cedrus deodara*),
Nagakeshara(*Mesua ferrea*).

Indications- It is *Dosha pachaka*, indicated in *Stanya Dusthi*, *Amatisara*.

Haridradi Gana- *Haridra*(*Curcuma longa*),
Daruharidra(*Berberis aristata*), *Kalasi*(*Uraria*

picta), *Kutajabeeja*(*Holarrhena anti dysenterica*), *Madhuka*(*Glycyrrhiza glabra*).

Indications- It is *Dosha pachaka*, indicated in *Stanya Dusthi*, *Amatisara*.

Shyamadi Gana- *Shyama*(*Ipoea turpethum*), *Mahashyama*(*Ipomoea petaloides*), *Trivrutta*(*Operculina turpethum*), *Danti*(*Baliospermum montanum*), *Shankhini*(*Euphorbia dracunculoides*), *Tilvaka*(*Vibrum nervosum*), *Kampillaka*(*Mallotus philippinensis*), *Ramyaka*(*Melia azadirachta*), *Kramuka*(*Areca catechu*), *Putrashreni*(*Croton oblongifolius*), *Gavakshi*(*Citrulus colocynthis*), *Rajavriksha*(*Cassia fistula*), *Vriksha* *Karanja*(*Pongamia pinnata*), *Vitapa* *Karanja*(*Holoptelia integrifolia*), *Guduchi*(*Tinospora cordifolia*), *Saptala*(*Euphorbia pilosa*), *Chagalantri*(*Argeria nurvosa*), *Sudha*(*Euphorbia nerilifolia*), *Swarnakshiri*(*Euphorbia thomsoniana*)

Indications- It is *Pittahara*, indicated in *Gulma*, *Visha*, *Anaha*, *Udara*, *Udavarta*.

Brihatyadi Gana- *Brihati*(*Solanum indicum*), *Kantakari*(*Solanum xanthocarpum*), *Kutaja* *Phala*(*Holarrhena anti dysenterica*), *Patha*(*Cissampelos pariera*), *Madhuka*(*Glycyrrhiza glabra*)

Indications- It is *Vatapittahara* indicated in *Aruchi*, *Hridroga*, *Mutrakrichra*, *Ruja*.

Patoladi Gana- *Patola*(*Tricosanthes dioica*), *Chandana*(*Santalum album*), *Kuchandana*(*Pterocarpus santalinus*), *Murva*(*Marsdenia tenacissima*), *Guduchi*(*Tinospora cordifolia*), *Patha*(*Cissampelos pareira*), *Katurohini*(*Picrorrhiza kurroa*)

Indications- It is *Pittakaphahara* indicated in *Arochaka*, *Jwara*, *Vrina*, *Chardi*, *Kandu*, *Visha*.

Formulations- *Patoladi Kashaya*

Kakolyadi Gana- *Kakoli*(*Lillium polyphyllum*), *Kshirakakoli*(*Lillium Sp*), *Jivaka*(*Microstylis wallichii*), *Rishabhaka*(*Microstylis mucifera*), *Mudgaparni*(*Phaseolus trilobus*), *Mashaparni*(*Teramnus labialis*), *Meda*(*Polydonatum verticillate*), *Mahameda*(*Polygonatum Sp*), *Chinnaruha*(*Tinospora cordifolia*) *Karkata* *Shringi*(*Pistacia intergerrima*), *Tugakshiri*(*Bambusa arundinacia*), *Padmaka*(*Prunus cerasoides*), *Prapaundarika*(*Nelumbo nucifera*), *Riddhi*(*Habenaria intermedia*), *Vridhhi*(*Habenaria edgeworthi*), *Mridwika*(*Vitis vinifera*), *Jivanti*(*Leptadenia reiculata*), *Madhuka*(*Glycyrrhiza glabra*).

Indications- *Pitta Vata Shamaka* indicated in *Klaibya*, *Stanyakshaya*, *Krishna*.

Ushakadi Gana- *Ushaka*(*Dorema ammoniacum*), *Saindhava*(*Rock salt*), *Shilajit*(*Bitumen*), *Kasisa*(*Ferrous sulphate*),

Pushpakasisa(Ferrous sulphate), *Hingu*(*Ferula narthex*).

Indications- It is *Kaphahara*, indicated in *Medoroga*, *Ashmari*, *Sharkara*, *Mutrakrichra*, *Gulma*, *Vrina*.

Sarivadi Gana- *Sariva*(*Hemidesmus indicus*), *Madhuka*(*Glycyrrhiza glabra*), *Kuchandana*(*Pterocarpus santalinus*), *Padmaka*(*Prunus cerasoides*), *Kashmiraphala*(*Gmelina arboroea*), *Madhukapushpa*(*Madhuka indica*), *Ushira*(*Veteveria zizanoides*).

Indications- It is *Pittahara* indicated in *Pipasa*, *Raktapitta*, *Pittajwara*, *Daha*

Anjanadi Gana- *Anjana*(*Collyrium*), *Rasanjana*(*Berberis aristata*), *Nagapushpa*(*Mesua ferrea*), *Priyangu*(*Calicarpa macrophylla*), *Nilotpala*(*Nymphaea stellata*), *Nalada*(*Nordostachys jatamansi*), *Nalinakeshara*(*Nelumbo nucifera*), *Madhuka*(*Glycyrrhiza glabra*).

Indications- It is *Pittahara*, indicated in *Visha*, *Daha*.

Parushakadi Gana- *Parushaka*(*Grewia asiatica*), *Draksha*(*Vitis venifera*), *Katphala*(*Myrica nagi*), *Dadima*(*Punica granatum*), *Rajadana*(*Manilkara hexandra*), *Katakaphala*(*Strychnos potatorum*), *Shakaphala*(*Tectona grandis*), *Amalaki*(*Embelica officinalis*),

Haritaki(*Terminalia chebula*), *Vibhitaki*(*Terminalia belerica*).

Indications- It is *Vatanashaka*, indicated in *Mutradosha*, *Hidroga*, *Pipasa*, *Aruchi*

Priyangwadi Gana- *Priyangu*(*Calicarpa macrophylla*), *Samanga*(*Mimosa pudica*), *Dhataki*(*Woodfordia fruticosa*), *Punnaga*(*Calophyllum inophyllum*), *Nagapushpa*(*Mesua ferrea*), *Chandana*(*Santalam album*), *Kuchandana*(*Pterocarpus santalinus*), *Mocharasa*(*Shalmalia malabaricum*), *Rasanjana*(*Berberis aristata*), *Kumbhika*(*Careya arborea*), *Strotanjana*(*Collyrium*), *Padmakeshara*(*Nelumbo nucifera*), *Yojanavalli*(*Rubia cordifolia*), *Deergha Mula*(*Alhagi camelorum*)

Indications- It is *Pittahara* indicated in *Pakwatisara*, *Bhagna*, *Vrina*.

Ambasthadi Gana- *Ambastha*(*Cissampelos pareira*), *Dhataki*(*Woodfordia fruticosa*), *Samanga*(*Mimosa pudica*), *Katvanga*(*Ailanthus excelsa*), *Madhuka*(*Glycyrrhiza glabra*), *Bilva*(*Aegle marmelos*), *Saabara* *Lodhra*(*Symplocos cratogeomides*), *Palasha*(*Butea monosperma*), *Nandi Vriksha*(*Ficus altissima*), *Padmakeshara*(*Prunus cerasoides*).

Indications- It is *Pittahara* indicated in *Pakwatisara*, *Bhagna* and *Vrina*.

Nyagrodhadi Gana- Nyagrodha(*Ficus bengalensis*), Udumbara(*Ficus glomerata*), Ashwattha(*Ficus religiosa*), Plaksha(*Ficus lacor*), Madhuka(*Glycyrrhiza glabra*), Kapeetana(*Thespesia populnea*), Kakubha(*Terminalia arjuna*), Amra(*Mangifera indica*), Koshamra(*Schleichera trijuga*), Choraka Patra(*Angelica glauca*), Raja Jambu(*Eugenia jambolana*), Kaka Jambu(*Eugenia operculata*), Priyala(*Buchanania lanzan*), Madhuka(*Madhuka indica*), Rohini(*Myrica nagi*), Vanjula(*Salix caprea*), Kadamba(*Anthocephalus cadamba*), Badari(*Zizyphus jujuba*), Tinduki(*Diospyros embryopteris*), Shallaki(*Boswellia serrata*), Rodhra(*Symplocos racemosa*), Shabara Lodhra(*Symplocos crategoides*), Bhallataka(*Semecarpus anacardium*), Palasha(*Nutea monosperma*), Nandi Vriksha(*Thespesia populnea*).

Indications- It is Pittahara, indicated in Vrina, Bhagna, Daha, Medoroga, Yonodosha.

Guduchadi Gana- Guduchi(*Tinospora cordifolia*), Nimba(*Azadirachta indica*), Kustumburu(*Coriandrum sativum*), Chandana(*Santalum album*), Padmaka(*Prunus cerasoides*).

Indications- It is Kaphahara, indicated in Sarva Jwara, Agnimandhya, Hrillasa, Arochaka, Chardi, Pipasa, and Daha.

Utpaladi Gana- Utpala(*Nymphaea stelletta*), Raktotpala(*Nymphaea rubra*), Kumuda(*Nymphaea alba*), Saugandhika(*Nymphaea Sp*), Kuvalaya(*Nymphaea Sp*), Pundarika(*Nelumbium speciosum*), Madhuka(*Glycyrrhiza glabra*).

Indications- It is Pittahara, indicated in Raktapitta, Pipasa, Visha, Hridroga, Chardi, Murcha.

Mustadi Gana- Musta(*Cyperus rotundus*), Haridra(*Curcuma longa*), Baruharidra(*Berberis aristata*), Haritaki(*Terminalia chebula*), Amalaki(*Embllica officinalis*), Vibhitaka(*Terminalia belerica*), Kustha(*Saussurea lappa*), Haimavati(*Iris germanica*), Vacha(*Acorus calamus*), Patha(*Cissampelos pereira*), Katu Rohini(*Picrorrhiza kurroa*), Sharagestha(*Solanum nigrum*), Ativisha(*Aconitum heterophyllum*), Dravidi(*Elattaria cardamomum*), Bhallataka(*Semecarpus anacardium*), Chitraka(*Plumbago zeylanica*).

Indications- It is Kaphahara, indicated in Yonidosha, Stanyadusthi, Ajirna.

Haritakyadi Gana- Haritaki(*Terminalia chebula*), Amalaki(*Embllica officinalis*), Vibhitaki(*Terminalia belerica*).

Indications-It is *Kapha Pitta Hara*, indicated in *Meha, Kustha, Netraroga, Agnimandya, Vishama Jwara.*

Pippalyadi Gana- *Pippali(Piper longum), Maricha(Piper nigrum), Shringavera(Zingiber officinale)*

Indications-It is *Kaphahara* indicated in *Medoroga, Meha, Kustha, Twagroga, Agnimandya, Gulma, Peenasa.*

Amalakyadi Gana- *Amalaki(Embica officinalis), Haritaki(Terminalia chebula), Pippali(Piper longum), Chitraka(Plumbago zeylanica)*

Indications- It is *Kaphahara*, indicated in *Sarva Jwara, Netravikara, Agnimandya, Klaibya, Arochaka.*

Trapvadi Gana - *Trapu(Vanga-Tin), Seeta(Naga-Lead), Tamra(Copper), Rajata(Silver), Suvarna(Gold), Krishna Loha(Iron), Lohamala(Ferric oxide).*

Indications- It is indicated in *Garavisha, Krimi, Pipasa, Visha, Hridroga, Pandu, Meha.*

Lakshadi Gana- *Laksha9Laccifera lacca), Arevata(Cassia fistula), Kutaja(Holarrhena antidysenterica), Ashwamara(Nerium indicum), Katphala(Myrica nagi), Haridra(Cucuma longa), Daruharidra(Berberis aristata), Nimba(Azadirachta indica), Saptacchada(Alstonia scholaris), Malati(Jasminum grandiflorum), Trayamana(Gentiana kurrao)*

Indications- It is *Kaphapittahara*, indicated in *Arati, Kustha, Krii, Dushtha Vrina.*

Kantaka Panchamula(Laghu Panchamula)- *Trikantaka(Tribulus terrestris), Brihati(Solanum indicum), Kantakari(Solanum xanthocarpum), Pratakparni(Uraria picta), Vidarigandha(Desmodium gangeticum).*

Indications-- It is *Vata-Pittahara*, indicated in *Karshya, Daurbalya.*

Mahat Panchamula- *Bilva(Aegle marmelos), Agnimantha(Premna integrifolia), Tinduka(Oroxylum indicum), Patala(Stereospermum suaveolens), Kashmari(Gmelina arboroe).*

Indiactions-It is *Kapha-Vatahara*, indicated in *Agnimandya.*

Dashamula- *Laghu PanchamulaKaniya Panchamula(Laghu Panchamula)-* *Trikantaka(Tribulus terrestris), Brihati(Solanum indicum), Kantakari(Solanum xanthocarpum), Pratakparni(Uraria picta), Vidarigandha(Desmodium gangeticum).*

Mahat Panchamula- *Bilva(Aegle marmelos), Agnimantha(Premna integrifolia), Tinduka(Oroxylum indicum), Patala(Stereospermum suaveolens), Kashmari(Gmelina arboroe).*

Indiactions- It is *Kapha-Vatahara, Vata-Pittahara*, indicated in *Karshya, Daurbalya, Agnimandya*

Formulations- *Dashamularistha, Dashamula Katutraya Kashaya, Chavanaprasha Avaleha*

Vallipanchamula- *Viadari(Pureria tuberosa), Sariva(Hemidesmus indicus), Rajani(Curcuma longa), Guduchi(Tinospora cordifolia), Ajashringi(Gymnema sylvestrae)*

Indications- It is *Pittashamaka*, indicated in *Trividha Shotha, Sarvameha, Shukradosha*.

Kantaka Panchamula- *Karamarda(Carissa carandes), Trikantaka(Tribulus terrestris), Saireyaka(Barleria prionitis), Shatavari(Asperagus racemosus), Gridhra Nakha(Capparis zeylanica)*

Indications- It is *Pittashamaka* indicated in *Trividha Shotha, Sarvameha, Shukradosha*.

Trinapanchamula- *Kusha(Desmostachys bipinata), Kasha(Saccharum spontaneum), Nala(Phragmites kirka), Darbha(Imperata cylindrica), Kandekshu(Saccharaum officinarum).*

Indications- It is *Pittahara*, indicated in *Raktapitta*.

Past Research Studies-

1. Diuretic activity of medicinal plants w.s.t to Mutravirechaniya Mahakashaya and Veeratarwadi Gana^[4] Dr. Arjun *et al* International Journal of science Development and Research ISSN-2455-2631, Jan 2013, Vol 8 Issue 1

2. Understanding the Role of Sushrutokta Salasaradi Gana In Pandu Roga^[5] By Dr.

Harmender *et al*, World Journal ofPhramceutical Research ISSN - 277-7105, May-9 2022, Vol 11, Issue 6, P.N 526-533

3. Evaluation of Rodhradi Gana(Sushrutokta) in Yoni Roga w.s.r to PCOS(Poly Cystic Ovarian Syndrome)^[6] DOI 10.47223/IJRAY.2022.51005, INternational Research Journal of Ayurveda and Yoga, 5(10), 33-44.

CONCLUSION-

It is concluded that the drugs mentioned in each group is under taking into consideration of *Dosha, Dhatu, Mala, Agni, Strotas*. Classification of these drugs on the basis of pharmacological actions on the various systems of the body and the mind seems more scientific. The drugs having same *Rasa, Guna, Virya, Vipaka* are compiled and collected under single group. Such drugs need to be standardized as per SOPs and make available these group of drugs in the market for the clinical application. It is said that the use of single drug does not have much clinical applications but use of compound or in the form of group can get the more efficacy in clinical practice.

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[2]. Acharya Sushruta, **Sushruta Samhita**, Sutrasthana 38th chapter, Shloka No-4 to 76, Ayurveda Tatva Sandipika, Hindi commentary, edited by Kaviraja Dr. Ambikadatta Shastry, Chaukhamba Sanskrit Samsthan, Varanasi, Reprint,

[3]. Acharya Sushruta, **Sushruta Samhita**, Sutrasthana 38th chapter, Shloka No-4 to 76, Ayurveda Tatva Sandipika, Hindi commentary, edited by Kaviraja Dr. Ambikadatta Shastry, Chaukhamba Sanskrit Samsthan, Varanasi, Reprint,

[4]. Dr. Arjun *et al* International Journal of science Development and Research ISSN-2455-2631, Jan 2013, Vol 8 Issue 1 P.N 942

[5]. Dr. Harmender *et al*, World Journal ofPhramceutical Research ISSN - 277-7105, May-9 2022, Vol 11, Issue 6, P.N 526-533

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