# Review Article A critical review on two types of *Laghupanchamula*

#### Shivani Ghildiyal, Vinod Kumar Joshi<sup>1</sup>

Senior Resident and PhD Scholar, <sup>1</sup>Professor and Head, Department of Dravyaguna, Faculty of Ayurveda, Institute of Medical Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh, India

## Abstract

Website: www.ayujournal.org DOI: 10.4103/0974-8520.108820 Quick Response Code:

Access this article online

A group of five roots of small plants i.e., Shalaparni, Prshniparni, Brhati, Kantakari and Gokshura or Eranda is known as Laghupanchamula under Mishraka Varga (group of drugs). It is used as such or with Mahat Panchamula i.e., Bilva, Gambhari, Shyonaka, Agnimantha and Patala, constituting Dashamula, a well recognized and popular Ayurvedic preparation or as an ingredient of different dosage forms. Classical texts of Ayurveda differs regarding components of this Mishraka Varga. Four out of five drugs of Laghupanchamula are similar in all the Ayurvedic texts, but either Gokshura or Eranda is considered as the fifth drug. So a comphrenesive review of Veda, Samhita Grantha, Cikitsa Grantha and Nighantus, with regards to synonyms, contents, Guna- Karma, origin of variation in contents and possible thought behind two kinds of Laghupanchamula was conducted. It was observed that both the traditions were in practice however Acharya Kashyapa and Ravigupta were in view of Eranda as a fifth drug of Laghupanchamula where as Acharya Charaka, Sushruta, Vagabhatta, Yogaratnakara and Chakradatta are in favour of Gokshura. Infact, the variation in content depends on the need i.e Dosha, Dushya and Vyadhi.

Key words: Brihatpanchamula, Eranda, Gokshura, Laghupanchamula

## Introduction

Plants have been in use since times immemorial as food, fodder, and medicine. The use of plants as medicine is well documented in Vedic compendia – the *Rigveda* and the *Atharvaveda*. During the Vedic period (6000 BC), plants were mostly used as a single drug, i.e., *Arka*,<sup>[1]</sup> *Khadira*,<sup>[2]</sup> *Durva*,<sup>[3]</sup> *Apamarga*,<sup>[4]</sup> and *Prshniparni*.<sup>[5]</sup> The literature also has reference regarding grouping, i.e., *Dashavriksha* in *Atharvaveda*; Sayana has clarified that it includes *Palasha*, *Udumbara*, etc.<sup>[6]</sup>

Initially, the tradition of single-drug therapy since the Vedic times has declined through the ages; currently, rational groups of drugs have been formed under the heading *Mishraka Varga* (group of drugs). On comprehensive review, it was found that a good number of groups are enumerated in Ayurvedic classics, with separate chapters dedicated to each. These groups are named as *Mahakashaya*<sup>[7]</sup> or *Gana*<sup>[8]</sup> or *Skandha*.<sup>[9]</sup> Fifty *Mahakashayas*, which are ascribed in *Charaka Samhita*, are named according to the action they have. On the other hand, in *Sushruta Samhita*, *Gana* are named on the first drug of

Address for correspondence: Dr. Shivani Ghildiyal, Department of Dravyaguna, Institute of Medical Sciences, BHU, Varanasi - 221 005, Uttar Pradesh, India. E-mail: drshivanighildiyal@gmail.com the every *Gana* and the action has been mentioned as *Dosha Pratyanika* (against *Dosha*) and *Vyadhi Pratyanika* (against *Vyadhi*). Furthermore, in those groups, *Niyatavyava* (definite number of drugs) or *Aniyatavayava* (indefinite number of drugs) are also included.<sup>[10]</sup>

In fact, although these groups are enumerated for the common person, a person with more in-depth knowledge can add or remove drugs that are appropriate or not appropriate according to *Dosha* and *Vyadhi* by *Yukti* (justification) as per requirement.<sup>[11]</sup> Hence, emphasis has been given on the use of all or a few drugs according to requirement. In due course of time, a few of the groups became very popular, namely *Triphala*,<sup>[12]</sup> *Trikatu*,<sup>[13]</sup> *Dashamula*,<sup>[14]</sup> and are still in use.

Among these, *Dashamula* is one of the original compound formulations still widely in use. *Dashamula* consists of *Brihatpanchamula* (i.e., greater five root drugs).<sup>[16]</sup> and *Kaniyapanchamula* (i.e., smaller five root drugs).<sup>[16]</sup> Drugs of *Kaniyapanchamula* are *Trikantaka*, *Brihatidvaya* (*Brihati*, *Kantakari*), and *Prithakaparnyo* (*Shalaparni*, *Prishniparni*). *Kaniyapanchamula* of *Sushruta Samhita* is reported by other names in various classics as *Vidarigandhadipanchamula*,<sup>[17]</sup> *Hrisvapanchamula*,<sup>[18,19]</sup> *Khuddakapanchamula*,<sup>[20]</sup> *Kanishthapanchamula*,<sup>[21]</sup> and *Laghupanchamula*,<sup>[22]</sup> Analysis of the drugs of *Laghupanchamula* show that four drugs, namely *Shalaparni*, *Prishniparni*, *Brihati*, and *Kantakari*, are common to both the groups; however, the fifth drug is either *Gokshura* or *Eranda*. Thus, it is obvious that two traditions are clearly seen regarding the contents of *Laghupanchamula*.

Therefore, a comprehensive review of Ayurvedic classics, with the objective of determining the rationality of selecting either *Gokshura* or *Eranda*, as an ingredient of *Laghupanchamula*, was undertaken.

## **Materials and Methods**

A chronological review of all available Avurvedic classics have been carried out, i.e., Charaka Samhita (1000 B.C. to 4th Century A.D.), Sushruta Samhita (1000 B.C. to 5th Century A.D.), Kashyapa Samhita (6th Century B.C.), Ashtanga Sangraha (6th Century A.D.), Ashtanga Hridaya (7th Century A.D.), Chikitsa Granthas, i.e., Siddhasara Samhita (7th Century A.D.), Chakradatta (11<sup>th</sup> Century A.D.), Yogratnakara (11–12<sup>th</sup> Century A.D.), Vangasena (12th Century A.D.), Bhaishjyaratnavali (18th Century A.D.), and Nighantus Saushruta Nighantu (6-7th Century A.D.), Siddhasara Nighantu (7th Century A.D.), Ashtanga Nighantu (8th Century A.D.), Dhanvantari Nighantu (10-13th Century A.D.), Shodhala Nighantu (12th Century A.D.), Madanapala Nighantu (14th Century A.D.), Kaiyadeva Nighantu (15th Century A.D.), Bhavaprakasha Nighantu (16th Century A.D.), Raja Nighantu (17th Century A.D.), Shaligrama Nighantu (19th Century A.D.), Priva Nighantu (20th Century A.D.), and all relevant information regarding Laghupanchamula was gathered. Simultaneous views of commentators like Chakrapanidatta (11th Century A.D.), Dalhana (12th Century A.D.), Hemadri (13-14th Century A.D.), and Shivdasasen (15th Century A.D.) were also considered to make the picture more clear regarding two types of Laghupanchamula.<sup>[23]</sup> The information was critically reviewed and the rationale behind the variation in the content of Laghupanchamula was derived.

# **Observations**

In Charaka Samhita, the word Laghupanchamula as such has not appeared; rather the drugs of Laghupanchamula are mentioned under a single group, i.e., Shvayathuhara Mahakashaya; the drugs are Kantakarika, Brihati, Shalaparni, Prishniparni, and Gokshura.<sup>[24]</sup> In the same chapter, under Angamardaprashamana Mahakashaya the first four drugs, i.e., Vidarigandha, Prishniparni, Brihati, and Kantakarika, are present whereas the fifth drug is Eranda.<sup>[25]</sup> In Chikitsasthana, Vidarigandhadipanchamula (which consist of Vidarigandha, Brihati, Prishniparni, Nidigdhika, and Shvadmshtra) is mentioned in Panchamula as an ingredient of Brahmarasayana.<sup>[26]</sup> At other place in Chikitsasthana, either group alone as such or with the drugs of Brihatpanchamula, is included in many compound formulations, a few of them being Mahakalyanaka Ghrita,<sup>[27]</sup> Taila,<sup>[28]</sup> Dashamuladi Ghrita,<sup>[29]</sup> Mustadi Churna,<sup>[30]</sup> and Taila<sup>[31]</sup> indicated in Apasmara, Visarpa, Gulma, Kushtha, and Vrana, respectively. Dridhabala, who redacted Charaka Samhita, mentioned Vardhamanaka along with Shalaparni, Prishniparni, Brihati, and Kantakari for Basti. It is to be noted that before this, all the five ingredients of Brihatpanchamula have been included for Basti.[32] This indicates that Dridhabala was in favor of including Eranda in lieu of Gokshura or the combination was the most popular in his time.

In Sushruta Samhita, Kaniya and Brihatpanchamula have been mentioned in successive verses. The drugs of Kaniyapanchamula are Trikantaka, Brihatidvaya (Brihati, Kantakari), and Prithakaparnyo (Shalaparni, Prishniparni). In the next line, the properties of *Kaniyapanchamula* are also ascribed, i.e., *Kashaya*, *Tikta*, and *Madhura* in *Rasa* as having *Vataghna*, *Pittashamana*, *Brimhana*, and *Balavardhana karma*.<sup>[33]</sup> In *Cikitsasthana*, this group has been prescribed in various dosage forms, i.e., *Kashaya*,<sup>[34]</sup> *Kshira*,<sup>[35]</sup> *Taila*,<sup>[36]</sup> and *Kvatha*<sup>[37]</sup> in *Vrana*, *Bhagna*, *Vatavyadhi*, and Arsha, respectively.

In both Ashtanga Sangraha and Ashtanga Hridaya, the five drugs of Laghupanchamula are grouped under Hrisvapanchamula and its properties are Madhura Rasa and Madhura Vipaka; neither Atishita nor Atiushna and Sarvadoshahara by its action i.e.neither too hot nor too cold in potency and pacify all the three doshas.<sup>[18,19]</sup> In Chikitsasthana of both the texts, various formulations of Hrisvapanchamula are mentioned such as *Ghrita*,<sup>[38]</sup> Kvatha,<sup>[39]</sup> and Taila<sup>[40]</sup> for Shvasa-Hikka, Shvasa, and Kushtha, respectively.

In Kashyapa Samhita, a compound formulation has been prescribed consisting of Khuddakapanchamula (without Eranda) along with Kala and Katavanga for Vatatisara.<sup>[20]</sup>

Other *Chikitsa Granthas* such as *Chakradatta*,<sup>[41]</sup> *Yogaratnakara*,<sup>[22]</sup> and *Bhaishajyaratnavali*<sup>[42]</sup> have mentioned *Gokshura* as one of the ingredients of *Laghupanchamula*.

However, in Siddhasara Samhita, Eranda is clearly mentioned in Kanishthapanchamula with Brimhana and Vatapittaghna karma.<sup>[21]</sup>

While reviewing the views of the commentators, it is observed that *Chakrapanidatta*, in his *Bhanumati* commentary of *Sushruta Samhita*, accepted *Eranda* in place of *Gokshura* in *Laghupanchamula* and stated that *Charaka* accepts *Gokshura*.<sup>[43]</sup> *Yadavaji Trikramji Acharya*, in the edition of *Sushruta Samhita* with *Dalhana* commentary, has also reported that *Eranda* was present in places of *Gokshura* in one manuscript that was written in palm leaves.<sup>[44]</sup> *Hemadri*, in the Ayurveda *Rasayana* commentary of *Ashtanga Hridaya*, reported that *Sushruta* includes *Eranda* in place of *Gokshura* in *Laghupanchamula*.<sup>[45]</sup> *Shivadasasena*, in *Tatvacandrika* commentary of *Chakradatta*, wrote that *Sushruta* accepts *Eranda* whereas *Charaka* accepts *Gokshura* as one of the constituents of *Laghupanchamula*.<sup>[46]</sup>

In Nighantus, i.e., Ashtanga,<sup>[47]</sup> Dhanvantari,<sup>[48]</sup> Shodhala,<sup>[49]</sup> Madanapala,<sup>[50]</sup> Kaiyadeva,<sup>[51]</sup> Bhavaprakasha,<sup>[52]</sup> Raja,<sup>[53]</sup> Shaligrama,<sup>[54]</sup> and Priya Nighantu,<sup>[55]</sup> the five drugs of Laghupanchamula mentioned are Shalaparni, Prishniparni, Brihati, Kantakari, and Gokshura, except in Saushruta Nighantu where Eranda is included as one of the constituents of Vidarigandhadi panchamula.<sup>[56]</sup>

## **Discussion**

The word Laghupanchamula as such is not referred to in ancient Ayurvedic classics, i.e., Charaka Samhita and Sushruta Samhita. However, in Ashtanga Sangraha, and Ashtanga Hridaya, it is mentioned as a component of many compound formulations. In Charaka Samhita, Sushruta Samhita, Kashyapa Samhita, and Siddhasara Samhita, Laghupanchamula was known by the name of Vidarigandhadi Panchamula,<sup>[17]</sup> Kaniyapanchamula,<sup>[33]</sup> Khuddakapanchamula,<sup>[20]</sup> and Kanishthapanchamula,<sup>[21]</sup> respectively. All the above terms indicate the habit of plants of this group, i.e., either herb (Shalaparni, Prishniparni, Brihati, Kantakari, and Gokshura) or shrub (Eranda). It is worth mentioning here that Acharya Charaka named this group as Vidarigandhadi Panchamula, based on the first drug Vidarigandha (Shalaparni). Furthermore, in Charaka Samhita under Angamardaprashamana Mahakashaya, Eranda along with other four drugs of Laghupanchamula except Gokshura has been mentioned. In other texts such as Siddhisthana under Basti Prakarana, two kinds of Basti have been described; in the first one, five drugs of Brihat Panchamula are present and in the second one four drugs of Laghupanchamula – Shalaparni, Prishniparni, Brihatyau (Brihati, Kantakari) with Eranda – have been mentioned.<sup>[32]</sup> It signifies that Eranda has been used in place of Gokshura by Dridhabala for pacification of Vata by Basti Chikitsa.

The other reason for mentioning the two kinds may be availability of these two types of manuscripts of Sushruta Samhita. In one manuscript, Laghupanchamula includes Shalaparni, Prishniparni, Brihati, Kantakari, and Gokshura,<sup>[8]</sup> whereas the other favors Eranda in place of Gokshura.[44] Hence, Hemadri, in Ayurveda Rasayana commentary,[45] and Shivadasasen, in Tatvacandrika commentary,<sup>[46]</sup> have mentioned that Sushruta accepts Eranda and Charaka accepts Gokshura as one of the components of Laghupanchamula. Dalhana, the renowned commentator of Sushruta Samhita, accepts Gokshura and further described that some scholars considered Eranda in the place of Gokshura.<sup>[57]</sup> In Kashyapa Samhita, there is no separate description of the group; however, while describing the treatment of Vatatisara, Kashyapa mentioned that here Khuddakapanchamula without Eranda should be considered,<sup>[20]</sup> which indicates toward Eranda as a content of Khuddakapanchamula, i.e., Laghupanchamula. The clear replacement of Gokshura by Eranda is found in both Siddhasara Samhita<sup>[21]</sup> and Saushruta Nighantu.<sup>[56]</sup>

Thus, it is obvious that two traditions (Laghupanchmula with either Gokshura or Eranda) prevailed with regard to treatment of various ailments. The first tradition – as seen in Charaka Samhita – was followed by most of the Chikitsa Granthas; Nighantus includes Gokshura as the content of Laghupanchamula. The second tradition was reported by Acharya Yadavaji in a manuscript of Sushruta Samhita written in Tada Patra (palm leaves). Kashyapa Samhita, Siddhasara Samhita, and Saushruta Nighantu accept Eranda in Laghupanchamula. The other four drugs are common to both the traditions.

The other important aspect of the two traditions seems that they were formulated in accordance with the properties responsible for varied therapeutic responses. This may be analyzed by considering the properties of Gokshura and Eranda individually. Gokshura has Ushna Veerya<sup>[58]</sup> and Madhura Vipaka<sup>[59]</sup> and is ascribed as Mutrakrrachchha Anilharanama,<sup>[60]</sup> whereas Eranda has Ushna Veerva<sup>[58]</sup> and Vrishva Vataharaanam<sup>[60]</sup> properties. Although both are Vata Shamaka, Eranda has the added advantage of being Vrishya (nutritive to Dhatus). Dhatukshaya and Margavarana are two well-known causes of Vata Prakopa;[61] therefore, to treat Dhatukshayajanya Vata Prakopa (vitiation of Vata due to improper nourishment of various Dhatus), Laghupanchamula having Eranda would be more beneficial. On the other hand, if Mutravaha Srotas (urinary system) is affected, and in Apana Vayu Vikriti group having Gokshura is much more beneficial. In fact, this seems to be the rational use of Gokshura or Eranda in Laghupanchamula.

#### Conclusion

Five drugs in a single group have been in use since ancient times to date. This group is mentioned under various names, i.e., Vidarigandhadi in Charaka Samhita, Kaniyapanchamula in Sushruta Samhita, Khuddakapanchamula in Kashyapa Samhita, and Kanishthapanchamula in Siddhasara Samhita. The word Laghupanchamula is not found Charaka Samhita, Sushruta Samhita, Kashyapa Samhita, and Siddhasara Samhita. In Ashtanga Sangraha, a new name, "Laghupanchmula," was firstly coined, followed by other classics. The term Kaniya, Khuddaka, Kanishtha, and Laghu indicate the same meaning, i.e., small, which signifies the habit of the plants (herb or small shrub) under the group. The term Vidarigandhadi given by Charaka provided information regarding the first drug of the group, Vidarigandha (Shalaparni). Four drugs (Shalaparni, Prishniparni, Brihati, and Kantakari) are similar in all: Samhita, Chikitsa Granthas, and Nighantus; however, the fifth drug is either Gokshura or Eranda. Eranda is clearly mentioned in place of Gokshura by Siddhasara Samhita, Saushruta nighantu, and in a manuscript of Sushruta Samhita edited by Jadavaji. Other manuscripts like Samhita, Chikitsa Granths, and Nighantus accepted Gokshura under Laghupanchmula.

Six drugs, Shalaparni, Prishniparni, Brihati, Kantakari, Gokshura, and Eranda, gave rise to two types of Laghupanchamula. Inclusion of either Gokshura or Eranda may be due to the clinical experience/observations of the concerned authorities, i.e., when Vata and simultaneously Dhatuposhana need to be pacified; Eranda is being considered due to its best Vrshya and Vatahara property. On the other hand, if pacification of Vata is required, and specifically for treatment of urinary tract diseases, then Gokshura, due to its best Mutrakrichrahara property, is being considered in place of Eranda.

#### References

- Rigveda-7/86/6, 10/34/5, forword by Dr. Sudhakara Malviya. Krishnadas Academy, Varanasi; 1984.
- 2. Ibidem, Rigveda-1/191/3, 10/16/13, 3/53/19.
- 3. Ibidem, Rigveda-10/134/5, 10/142/8.
- Atharvaveda, 4/17/68, English translation by William Dwigh Whitney. I<sup>st</sup> ed. Motilal Banarsi Das, Lahor; 1984.
- 5. Ibidem, Atharvaveda- 2/25/1-5.
- Shayanacharya, Commentator. Atharvaveda, 2/10/1-5. Vol.-1. Krishnadas Academy, Varanasi; 1989.
- Agnivesha, Charaka, Dridhabala, Charaka Samhita, Sutra Sthana, Shadavirechanashtiya Adhyaya, 4. In: Tripathi B, editor. 3<sup>rd</sup> ed. Chaukambha Surbharati Prakashan, Varanasi; 1994: p. 29-36.
- Sushruta, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38. In: Kaviraja Ambika Dutta Shastri, editor. 5<sup>th</sup> ed. Varanasi: Chaukambha Sanskrit Sansthan; 1982: p. 163-70.
- Ibidem, Agnivesha, Charaka, Dridhabala, Charaka Samhita, Vimana Sthana, Rogabhishagjitiya Adhyaya, 8/138-144. In: Tripathi B, editor. 3<sup>rd</sup> ed. Chaukambha Surbharati Prakashan, Varanasi; 1994: p. 283-5.
- Dalhana, Commnetator. Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/3. Reprint ed.: Chaukhambha Surbharati Prakasan, Varanasi; 2010: p. 163.
- Sushruta, Sushruta Samhita, Sutra Sthana Mishraka Adhyaya, 37/33. In: Kaviraja Ambika Dutta Shastri, editor. 5<sup>th</sup> ed. Varanasi: Chaukambha Sanskrit Sansthan; 1982: p. 163.
- Ibidem, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/56: p. 168.
- Ibidem, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/58: p. 168.

- Ibidem, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/67-69: p. 169.
- Ibidem, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/69: p. 169.
- Ibidem, Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/68: p. 169.
- Agnivesha, Charaka, Dridhabala, Charaka Samhita, *Cikitsa Sthona*, Abhaya-Amalaki Rasayana Adhyaya, Pratham Pada, 1/42. In: Tripathi B, editor. 3<sup>rd</sup> ed. Chaukambha Surbharati Prakashan, Varanasi; 1994: p. 378.
- Vagbhata, Ashtanga Sangraha, Sutra Sthana, Vividha Oshadha Vijyaniya Adhyaya, 12/34. In: Gupta KA, editor. 13<sup>th</sup> ed. Chaukambha Sanskrit Sansthan, Varanasi; 2000: p. 121.
- Vagbhata, Ashtanga Hridaya, Sutra Sthana, Annasvarupa vijyaniya Adayaya 6/168-169. In: Gupta KA, editor. 13<sup>th</sup> ed. Chaukambha Sanskrit Sansthan, Varanasi; 2000: p. 46.
- Vridha Jeevaka, Kashyapa Samhita, Khil Sthana, Antavartani Chikitsa Adhyaya, 10/83. In: Tewari PV, editor. Chokhambha Vishva Bharati, Varanasi; 2008: p. 563.
- Ravigupta, Siddhasara, Dravyaguna Adhyaya, 2/29. In: Emmerick RE, editor. Wiesbaden: Franz Steiner Verlag, GmbH; 1980: p. 26.
- Yogaratnakara, Yogaratnakara, Jvara Chikitsa Adhyaya, 2/1-3. 7<sup>th</sup> ed. Chaukambha Sanskrit Sansthan, Varanasi; 1999: p. 206.
- Sharma V. Ayurveda Ka Vaijyanika Itihas. Reprint ed. Varanasi: Chaukhambha Orientalia; 2011: p. 51-239.
- Agnivesha, Charaka, Dridhabala, Charaka Samhita, Sutra Sthana, Shadavirechanashatiya Adhyaya, 4/38. In: Tripathi B, editor. 3<sup>rd</sup> ed. Chaukambha Surbharati Prakashan, Varanasi; 1994: p. 91.
- Ibidem, Charaka Samhita, Sutra Sthana, Shadavirechanashatiya Adhyaya, 4/44: p. 94.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Abhaya-Amalaki Rasayana Adhyaya, Pratham Pada, 41-57: p. 12.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Unmada Chikitsa Adhyaya, 9/42: p. 319.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Visarpa Chikitsa Adhyaya, 21/122: p. 609.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Prameha Chikitsa Adhyaya, 5/142: p. 220.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Kushtha Chikitsa Adhyaya, 7/65-67: p. 259.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Dvivraniya Chikta Adhyaya, 25/77: p. 709.
- Ibidem, Charaka Samhita, Siddhi Sthana, Bastisiddhi Adhyaya, 10/18-20: p. 1079.
- Ibidem, Sushruta, Sushruta Samhita, Sutra Sthana, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/67-68. In: Kaviraja Ambika Dutta Shastri, editor. 5<sup>th</sup> ed. Varanasi: Chaukambha Sanskrit Sansthan; 1982: p. 169.
- 34. Ibidem, Sushruta Samhita, Chikitsa Sthana, Dvivraniya Adhyaya, I/77-78: p. 403.
- Ibidem, Sushruta Samhita, Chikitsa Sthana, Bhagna Chikitsa Adhyaya, 3/11: p. 415.
- Ibidem, Sushruta Samhita, Chikitsa Sthana, Mahavatavyadhi Adhyaya, 5/7: p. 425.
- Ibidem, Sushruta Samhita, Chikitsa Sthana, Arsha Chikitsa Adhyaya, 6/14: p. 433.
- Vagbhata, Ashtanga Sangraha, Chikitsa Stana, Shvasa-Hidhma Chikitsa Adhyaya, 6/26. In: Gupta KA, editor. 13<sup>th</sup> ed. Chaukambha Sanskrit Sansthan, Varanasi; 2000: p. 526.

- Vagbhata, Ashtanga Hridaya, Chikitsa Stana, Shvasa-Hidhma Adhyaya, 4/26. In: Gupta KA, editor. 13<sup>th</sup> ed. Chaukambha Sanskrit Sansthan, Varanasi; 2000: p. 375.
- Ibidem, Ashtanga Hridaya, Chikitsa Stana, Kushta Chikitsa Adhyaya, 19/2: p. 399.
- Chakrapanidatta, Chakradatta, Jvara Chikitsa Adhyaya, I/165-166. 2<sup>nd</sup> ed. Chaukhambha Sanskrit Sansthan, Varanasi; 1994: p. 18.
- Govindadasa, Bhaishajyaratnavali, Paribhasha Adhyaya, I/36. In: Shastri AD, Shastri RD, editors. 11<sup>th</sup> ed. Chaukhambha Sanskrti Sansthan Varanasi; 1993: p. 26.
- Chakrapanidatta, Commentator. Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/67. In: Acharya VJ, editor. Reprint.: Chaukhambha Vidyabhawan, Varanasi; 2000: p. 169.
- Jadavaji T., editor. Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/67. 1<sup>st</sup> ed. Satyabhamabai Panduranga Nirnaya Sagara Press Bombay; 1915: p. 262.
- Commentator. Ashtanga Hridaya Sutra Sthana, Annasvarupa Vijyaniya Adhyaya, 6/168. In: Sharma SP, editor. 2<sup>nd</sup> ed. Chowkhamba Sanskrit Series Office, Varanasi; 2008: p. 120.
- Shivdasa Sen, Commnetator. Cakradatta, Jvara Chikitsa Adhyaya, 1/169.
  2<sup>nd</sup> ed. Chaukhambha Sanskrit Sansthan, Varanasi; 1994: p. 18.
- Vahata, Ashtanga Nighantu, 340-341. In: Sharma PV, editor. I<sup>st</sup> ed. Kuppuswamy Shastri Research Institute, Madras; 1973: p. 43.
- Mahendra Bhogika, Dhanvantri Nighantu, Mishrakadi Varga, 7/21-22. In: Sharma PV, Sharma GP, editors. Chaukhambha Orientalia, Varanasi; 1998: p. 263.
- Shodhala, Shodhala Nighantu, Nama Sangraha, Guduchyadi Varga, 1/12. In: Sharma PV, editor. 1<sup>st</sup> ed. Oriental Institute, Baroda; 1978: p. 5.
- Madana Vinoda, Madanapala Nighantu, Abhayadi Varga, 1/72. Khemraja Srikrishnadas Prakashana, Bombay; 1998: p. 14.
- Kaiyadeva, Kaiyadeva Nighantu, Oshadha Varga, 1/73. In: Sharma PV, Sharma GP, editors. 1<sup>st</sup> ed. Chaukambha Orientatia, Varanasi; 1979: p. 17.
- Bhavamishra, Bhavaprakasha Nighantu, Guduchyadi Varga, 3/47-48; Revised. Chaukambha Bharati Academy, Varanasi; 2010: p. 281-2.
- Pandita Narahari, Raja Nighantu, Mishrakadi Varga, 2/26. In: Tripathi I, editor. Chowkhamba Krishnadas Academy Varanasi; 2010: p. 661.
- Shaligrama, Shaligrama Nighantu, Guduchyadi Varga, 4/283. In: Venkateshwara S, editor. Publishers Khemraja Shri Krishnadas, Mumbai; 1961: p. 203.
- Sharma PV. Priya Nighantu, Haritakyadi Varga, 1/46-47. Chaukambha Surabharati Prakashana, Varanasi; 2002: p. 13.
- Saushruta Nighantu, 275. In: Sharma K, Tiwari NN, editors. I<sup>st</sup> ed. Mahendra Sanskrit Vishvavidhalaya, Nepal; 2001: p. 21.
- Dalhana, Commentator. Sushruta Samhita, Sutra Sthana, Dravyasangrhaniya Adhyaya, 38/67. In: Jadavaji T, editor. Chaukhamba Surbharati Prakashnan, Varanasi; 2001: p. 169.
- Agnivesha, Charaka, Dridhabala, Charaka Samhita, Chikitsa Sthana, Jvara Chikitsa Adhyaya, 3/267. In: Tripathi B, editor. 3<sup>rd</sup> ed. Chaukambha Surbharati Prakashan, Varanasi; 1994: p. 423.
- Ibidem, Charaka Samhita, Vimana Sthana, Rogabhishagjitiya Adhyaya, 8/138: p. 283.
- Ibidem, Charaka Samhita, Sutra Sthana, Yajjapurushiya Adhyaya, 25/40: p. 132.
- Ibidem, Charaka Samhita, Chikitsa Sthana, Vatavyadhi Chikitsa Adhyaya, 28/17: p. 617.

# हिन्दी सारांश

# लघुपंचमूल के दो प्रकारों का समालोचनात्मक अध्ययन

# शिवानी घिल्डियाल, विनोद कुमार जोशी

लघुपंचमूल पांच द्रव्यों का समूह है, जिसके अंतर्गत शालिपर्णी, पृश्निपर्णी, बृहती, कण्टकारी, गोक्षुर या एरण्ड आते हैं । लघुपंचमूल में वर्णित चार द्रव्य सभी आयुर्वेदिक ग्रथों में एक से हैं परंतु पंचम द्रव्य एरण्ड या गोक्षुर है । अतः इस भिन्नता की उत्पत्ति तथा कारण को जानने हेतु संहिता ग्रंथों, चिकित्सा ग्रंथों तथा निघण्टुओं का अध्ययन किया गया । प्रस्तुत लेख में लघुपंचमूल से सम्बंधित महत्वपूर्ण तथ्य जैसे, पर्याय, अवयव, गुणकर्म, अवयवों में भिन्नता का प्रारम्भ तथा कारण को प्रकाशित किया गया है । जिससे कि लघुपंचमूल के अंतर्गत गोक्षुर या एरण्ड का युक्तिसंगत प्रयोग किया जा सके ।

Announcement

#### iPhone App



Download iPhone, iPad application A free application to browse and search the journal's content is now available for iPhone/iPad. The application provides "Table of Contents" of the latest issues, which are stored on the device for future offline browsing. Internet connection is required to access the back issues and search facility. The application is Compatible with iPhone, iPod touch, and iPad and Requires iOS 3.1 or later. The application can be downloaded from http://itunes.apple.com/us/app/medknow-journals/ id458064375?ls=1&mt=8. For suggestions and comments do write back to us.