### A Review On Gokshura And Its Medicinal Value

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#### **Abstract**

Ayurveda is the oldest system among all life sciences, originated in india thousand of years ago. It is an ancient indian practice of holistic medical care that centers on the equilibrium of body, mind and soul. Dosha dhatu and mala are the basic buildind elements of the body.

Dravyaguna is the branch of Ayurveda mainly deals with the medicinal plants. Every drugs is used as medicine should be in its pure and natural form. According to Charaka, Gokshuraka plant is best Mootrakrucchahara and Vatahara.

In Charaka and Sushruta Samhita, Gokshura is explained under the name of Gokshuraka. Later two varieties. i.e. Laghu gokshura & Bruhat Gokshura are described in Raj Nighantu. All later Nighantus followed the same. Sushruta has considered it in Laghu Panchamula hence root should be chief upayuktanga (Sharangdhara advocates Panchanga of Gokshura) but root is not commonly available in market. Fruits are collected & used for various preparation of Gokshura. Gokshur Dravya is one of important and commonly used in Ayurveda. Hence it is needed to evaluate efficacy of gokshura. KEY WORDS: gokshura Mootrakrucchahara Vatahara

### Introduction

Ayurveda is meant for alleviation of disease & maintaining the health of the healthy. Ayurveda is the knowledge that indicates the approapriate & inappropriate happy or sorrowful conditions of living what is auspicious or inauspicious for Longvity as well as measure of life itself.

Acharya charaka has mentioned the four pillors of Ayurveda "Chatushpada". Among these Chatushpada, after Bhishak Acharya had given importance to the "Dravya". Because the success of Chikitsa depends upon dravyas. So that the knowledge of drug (Dravya) is absolutely necessary for a physician to undertake the treatment. Thus the specialty "Dravyaguna" which deals with the properties, actions & mode of administration of the drugs attains at most importance in the field of medicine.

Ayurveda is most ancient healthcare system based on sound foundation of its basic principles as well as rational, practical and thinking process from Vedic era. Rig. Veda is the oldest known repository of human knowledge and wisdom. In Athervaveda, the last of four Vedas, elaborate description of some medicinal plants are given. Ayurveda is believed to be the Upaveda of Atharvaveda.

The textural legacy of Ayurveda started with Bruhat Samhita. After that, texts were written in the form of Nighantu which explained the dravya, base of any treatment, in detail. Thus the number of medicinal plants delineated in the Ayurvedic Samhitas, samgraha Granthas and Nighantus has increased gradually. Nighantus studied many foreign dravyas from other streams as well and included them in Ayurveda compendium.

Many synonyms were formed. Thus one name is explained with many drugs; similarly one drug is coined with many names in Nighantus. These Sanskrit names and synonyms were later on used in all local, regional languages which took crooked from, over the period of time; leading to addition of more newer names. The people obviously deal with Dravya in local, regional (Prakruta) language for easy understanding and trading.

Acharya Vagbhata in Sutrasthana said that local dwelling plant is preferred for the persons residing in that area.

The classical example is Gokshura. The word Gokshura means hoof of cow. According to Charaka, Gokshuraka plant is best Mootrakrucchahara and Vatahara.

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VOL- VII ISSUE- IV APRIL 2020 PEER REVIEW IMPACT FACTOR ISSN
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Gokshura are described in Raj Nighantu. All later Nighantus followed the same. Sushruta has considered it in Laghu Panchamula hence root should be chief upayuktanga (Sharangdhara advocates Panchanga of Gokshura) but root is not commonly available in market. Fruits are collected & used for various preparation of Gokshura.

Shivadasa Sen (15th Century), the commentator of Charaka described that Bruhat Gokshura is more effectious than Laghu Gokshura.

The above said committee discovered 4 different plants related with Gokshura.

- 1) Gokharu or Sarate In Maharashtra Tribulus terrestris, Linn. Gokharu seems to be originated from Gokshura. Used for Mootral Karma. Ashmarighna property is questioned by Vd. Bapalala.
- 2) Bada Gokharu In north India- Pedalium murex, Linn- the word seems to be originated from Gokshura. Used for Mootral Karma.
- 3) Vinchhodo- In Gujarat- Martyania diandra, Glox.- can be used for mutral karma (by Bapalal Vaidya). It is described under Kakanasa (beak of crow) in API. The fruit is not exact like beak & should not be considered as Kakanasa Vd. Chunekar Shastri. Vd. Bapalal. The plant fruit is available in market & sold under the name Kakanasa. Rasa, Vipaka & Veerya are identical with Gokshura.

- It is considered as exotic but found through out the country since ancient days. Martyania diandra & Martyania annua are synonyms as explained in API.
- 4) Gokarukalana In Punjab & Sindh Xanthium strumarium- It is a weed called as Sankeshwara in other parts. It is generally used for antipyretic & sedative properties. Diuretic activity was not found in this plant.

So Bapalal Vaidya omitted Gokharukalana & considered other three plants under Gokshura-Tribulus terrestris,Linn, Pedalium murex, Linn & Martyania diandra,Glox. Any of these does not justify all Paryayas so every plant has potential to be used as Gokshura.

Tribulus terrestris, Linn. Is now commonly considered as Laghu Gokshura and pedalium murex, Linn. Is taken as Bruhat Gokshura. All the experts today hold that Tribulus is better on urinary system & for all other karmas i.e. Vataghna, Rasayana, Hridya etc. Pedalium murex, instead of Tribulus terrestris, should be used.

But seeing the not availability of Gokshura root in Market most of companies or practitioners commonly uses fruit & panchang of Gokshura for preparation of dashmula.

**DRUG REVIEW:-**

Sr. No.	Drug Name	Latine Name	Family Name	Guna	Ras	Vipak	Veerya
1	Laghu Gokshur	Tribulus tereestris	zygophyllaceae	Guru, Snigadh	Madhur	Madhur	Sheet
2	Bruhat Gokshur	Pedalium // murex	Pedaliaceae Airic	Guru, Snigadh	Madhur	Madhur	Sheet

# Classification of Gokshura in Different Ayurvedic Texts.

Sr. No.	Samhita	Gana
Sr. No.	Samma	Gana
1	Charaka	Mutravirechaneeya, Krimighna, Anuvasnopaga,
	Samhita	Madhura, Skanda, Aasthapana, Shothahara
2	Sushruta	Vidarigandhadi, Veertarwadi, Laghu
	Samhita	Panchamula, Kantaka- Panchamula, Madhura
		Varga
3	Ashtanga	Krimighna, Mutravirechaneeya,
	Samgraha	Shophagna, Vidaryadi
4	Ashtanga	Niruhaneeya, Vataghna, Veertarwadi, Madhura
	Hridya	Gana

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VOL- VII ISSUE- IV APRIL 2020 PEER REVIEW IMPACT FACTOR ISSN e-JOURNAL 6.293 2349-638x

### **References in the Bruhatrayee:**

### 1. Charaka Samhita:

	References	Indication
Ch	पाटलाग्निमन्थश्योनाकबिल्व	Drugs
a.	गोक्षुरका इति दशेमनि	control
Su	श्वयथुहराणि भवन्ति।	Inflammati
4 / 38	•	on
Ch	च.सू. ४/३८	Vanaleria
a.	ऋध्दिर्गोक्षुरकं रास्ना	Vrushya,
Chi	माषाणामाढ्कं नवम्॥	Bhruhana, Balavardha
.2/	च.चि. २/१,२	ka
1-2		Kal
Ch	शतावरीगोक्षुरकै: श्रृतं	Mutramarg
a.	यन्मूत्रमार्गात सरुजं प्रयाति॥	ata
Chi	च.चि. ४/८५	raktapitta
4/	۹،۱۹، ۵/۵۱	
85		
Ch	मूलंश्वदंष्ट्रेक्षुरको <mark>र</mark> ुबूकात् क्षीरेण्	Ashamari
a.	्रे दिनानि सप्ताश्मरिभेद <mark>नाय॥</mark>	Patana
Chi	च.चि. २६/६२	
26 /		
62	2	
Ch	पुनर्नवादि योग-पुनर्नवायोरजनी	Ashmari
a.	श्चदंष्ट्राफल्गुप्रवालाश्चचपेयं	and
Chi	भवेदश्मरिशर्करासु॥	Sharkara
26 /	च.चि. २६/६३	
63	य.।य. १६/६२	
Ch	श्चदंष्ट्रादि घृत - घृतंश्चदंष्ट्रास्वरसेन	Ashamari
a.	सिध्दं कतकादिकानामेकैकशो	-21/ S
Chi	वा विधिनैव तेन॥	
26/	च.चि. २६/७४	
74	4.14. 74/98	WW aiin
Ch	श्वदंष्ट्रास्वरसप्रस्थौपेयाकल्पः	Gokshura
a.	प्रशस्यते।	Oil – Vataj
Chi	च.चि. २८/१४६	Vyadhi
28 /	4.14. \0/ \ 6 4	
146		
Ch	स्थिरा श्वदंष्ट्रा बृहती पेया	Tridoshaja
a.	वातरक्ते त्रिदोषजे॥	Vatarakta
Chi	च.चि. २९/७७	
29 /	4.14. ₹ (7 0 0	
29 / 77		
Cha	वृष्यपायसयोग – श्वदंष्ट्राया	Vajikarana
	विदार्याश्वच रसे	, ·
Chi. 2 /	• •	
21	क्षीरचतुर्गुणेवृष्यो	

3-	माषषष्टिकपायसः॥१४॥	
14	च.चि. २/३,१४	

# 2. Sushruta Samhita:

		References	Indication
	Su. Su 38/6 7-68	त्रिकंटकबृहतीद्वयपृथक् पण्योविदारिगंधा च इति कनीय। कषायतिकमधुरं कनीय: पंचमूलकम्। वातघ्नं पित्तशमनं बृंहणं बलवर्धनम्॥ सु.सू. ३८/६७,६८	Laghu Pancham ula
	Su. Su- 38	<ul> <li>गणः श्वासहरो हि एषः</li> <li>कफपितानिलापहः।</li> <li>आमस्य पाचनश्चैव</li> <li>सर्वज्वरिवनाशनः॥</li> <li>एषां वातहरौ आद्यौ। सु.सू.</li> <li>३८</li> </ul>	- Dasham ula. - all Vatavya dhi
N. A.	Su. Su 38/7 4-75	करमर्दत्रिकंटक सैरेयकशतावरीगृध्यनख्यः इति कंटकसंज्ञः। रक्पित्तहरौ हि एतौ शोफत्रयविनाशयौ। शुक्रदोषविनाशनौ॥ सु.सू. ३८/७४,७५	Kantaka Pancham ula
	Su. Su 38/4	विदारीगन्था विदारी विश्वदेवा सहदेवा श्वदंष्ट्रा क्षुद्रसहा बृहत्यौ पुनर्नवैरण्डो हंसपादी वृश्चिकाल्यृषभी चेति॥४॥ सु.सू. ३८/४	Vidariga ndhadi Gana
	Su. Su 43/1 8	काकोल्यादिःक्षीरघृतवसामज्जशाि लषष्टिकयवगोधूममाषगोक्षुर कक्षीर मोरट मधूलिका कूष्माण्ड प्रभृतीनि समासेन मधुरो वर्गः॥ सु.सू. ४३/१८	Madhura Varga dravya
	Su. Chi. 7/19	त्रिकण्टकस्य बीजानां चूर्णं	Ashmari

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AOL- AII	1920E- 14	APRIL	2020	e-JOURNAL	6 293	2349-638v

	सप्ताहमश्मरी भेदनं पिबेत्॥	
	सु.चि. ७/१९	
Su.	वीरतरुसहचहद्वयदर्भवृक्षादनी%	Veeratar
Su.	ादंष्ट्रा चेति॥	wadi
38/1	ू. सु.सू. ३८/१०	Gana
0	<b>5</b> %	
Su.	पाषाणभेदो वसुको	Vataj
Chi.	वशिराश्मन्तकौ	Ashmari
7/5	शतावरी श्वदंष्ट्रा च	a mention of the second
	बृहतीकण्टकारिका	Inter
	॥५॥ वातनाशने सु.	21 11110
	चि. ७/५	
Su.	श्वदंष्ट्रायष्टिकाबाम्हीकल्कं	Dysuria
Chi.	वाऽक्षसमं पिबेत	
7/24	(वेदने शमनः) सु.चि. ७/२४	

# 3.Ashtanga Hridaya:

	References	
Va. Su. 6/ 166	™स्वंबृहत्यशुमतीद्वयगौक्षुरकै : सर्वदोषजित्। वा.सू. ६/१६६	Laghu Panchamula , Rasa- vipaka Madhura Tridoshsha maka
Va. Su. 10/ 24	घृतहेमगुडाक्षो्डमोचचोचपरुष कम्॥ गोक्षुरक्षौद्रद्राक्षादिर्म धुरो गण । वा.सू. १०/२४	Madhura Varga
Va. Chi 1/2 7	बस्तिपार्श्वशिर:शूली व्याघ्रीगोक्षुरसाधितम्। वा.चि. १/२७	Lower abdominal pain and headache
Va. Chi 1/1 18	पटोलनिम्बच्छदनकटुकाचतुर ङ्गलै॥११७॥ स्थिराबलागोक्षुरक मदनोशीरबालकै:। पीडयेज्वरनाशनम्॥११९॥	Jwara

	वा.चि. १/११८	
Va. Chi 2/3 8	गोकण्टकाअभीरुश्रृतं विशेषान्मूत्र मार्गगम्। वा.चि. २/३८	Adhoga- raktapitta (Bleeding through urethra) with severe pain
Va. Chi 3/1 02- 104	श्वदंष्ट्रोशीरमज्जिष्ठा बलाकाशमर्यकट्तृणम्बल मांस्तदः॥ वा.चि. ३/१०२,१०४	Balya, Mutrakrucch ahara, Pramehahar a, Kshayaroga hara
Va. Chi 11/ 6	पिबेद्दरिगोक्षुरकं विदारी प्राक्यं समधुशर्करम्॥ वा.चि. ११/६	Mutraghata Chikitsa
Va. Chi 11/ 35	बृहत्यादिगणे सिद्धंद्विगुणीकृतगोक्षुरे। सर्वमूत्रविकाराजत्॥वा.चि. ११/३५	Mutraghata Chikitsa
Va. Chi 11/ 38	व्याघ्रीगोक्षुरकक्वाथेयवागूं तामचूडरसेअपि वा॥ वा.चि. ११/३८	Mutraghata Chikitsa

# **Dosha – Karma of Gokshura by various**Nighantu

Sr. No.	Nighantu	Dosha- Karma
1.	Dhanwantari Nighantu	Tridoshahara
2.	Madanpala Nighantu	Vatashamaka
3.	Kaiydeva Nighantu	Tridoshagna
4.	Bhavprakasha Nighantu	Vatashamana
5.	Shaligrama Nighantu	Tridoshagna

VOL- VII ISSUE- IV APRIL 2020 PEER REVIEW IMPACT FACTOR ISSN e-JOURNAL 6.293 2349-638x

### • Guna – Karma of Gokshura by various Nighantu

V Guna – Karma of Gokshura by Various Nighant			
Nighantu	Guna-Karma		
Dhanwantari	Bruhana, Agnideepaka,		
	Shukravardhaka		
Madanpala	Sheetala, Swadishta, Balakaraka,		
	Bastishodhana		
Raj Nighantu	Sheetaveerya, Balaprada, Rasayana,		
	Madhura,		
	Bruhana, Pradahnashaka.		
Kaiydeva	Madhura, Vrushya, Balya,		
	Pushtikaraka, Veerya-		
	Sheeta		
Bhavprakasha	Swadu, Balakaraka, Bastishodhaka,		
	Agnideepaka,		
	Vrushya, Pushtikaraka, Sheeta		
	Veerya, Madhura		
	rasa.		
Shaligrama	Madhura rasa, Sheetala, Balakaraka,		
	Bruhana,		
	Bastishodhaka, Veerya Vardhaka,		
	Pushtikar <mark>ak</mark> a,		
	Rasayana, and Agnideepaka.		
Priya	Gokshura Mula: Ushna-veerya,		
	Kaph <mark>a</mark> -vata		
Nighantu	Shamaka		
	Gokshura Fruit is Sheeta-veerya;		
	Madhura, Balya,		
	Vrushya and Rasayana.		

# Important Kalpas of Gokshura

Sr.	References	Indication/	Formulation/
No.	\	Rogaghn <mark>ata</mark>	Yoga nama
1.	Cha. Chi.	Sarva	Shwadanshtra
	28/146-147	Vatajanya	Taila
		Roga	
2.	Cha. Chi 26/74	Ashmari	Shwadanshtradi
			Ghruta
3.	Cha, Chi 26/62	Ashmari	Gokshuradi
			Yoga
4.	C.D. 67/9	Vrushya	Gokshuradi
			Churna
5.	C.D. 32/22	Ashmari,	Trikantakadi
		Mutrakruccha	Kwatha
6.	C.D. 32/28	Mutrakruccha,	Trikantakadi
		Ashmari	Ghruta
7.	Sha. S.M. Kha	Mutrakruccha,	Gokshuradi
	2/107	Ushnavata	Kwatha
8.	Sha. S.M.Kha	Mutrakruccha,	Gokshuradi
	7/84-87	Prameha	Guggula
9.	C.D. 34/34	Ashmari	Trikanta Beeja
			Churna

# Other Kalpa of Gokshura

į	Other Kalpa of Gokshura				
	Sr.	References	Kalpas of Gokshur		
	No.				
ľ			Chyavanprasha, Rasna		
ı			Ghruta, Apatyakra		
ŀ	1.	Charaka	Ghruta, Amrutadya Taila,		
	1.	Charaka	Pashanabhedadi		
		Chikitsa-			
ı			Churna, Shatavaryadi		
ł		sthana	Kwatha,		
ŀ		in/:	Dashamuladya Ghruta,		
ı		Plina	Agastya Haritaki		
ŀ		4/1	Agastya Hantaki		
t			Dashamuladi Kwatha,		
ı			Kantakari Ghruta,		
ŀ	2.	Chakradatta	Chyavanprasha, Amrutadi		
			Churna, Yogaraja		
ı			Guggula, Varunadi Kwatha,		
ı			Pashanbedadya		
Ì			1 ashanoedadya		
ŀ			Ghruta, Shwadanshtradi		
ı			Kashaya.		
ŀ			Tushay a.		
ŀ	3.	Achtongo	Nagabala Ghruta, Agastya		
ı	3.	Ashtanga	Rasayana,		
۱		II wi dayya	<u> </u>		
		Hridaya	Kantakari Ghruta		
ŀ					
İ	4.	Shrangadhara	Shatavaryadi Churna,		
4		6301	Kamadeva Ghruta,		
ı		Samhita	Loha Rasayana,		
1			Dashamularishta		
-		10.	Agnikara Ghruta, Baladiya		
			Ghruta,		
-			Tryushanadi Ghruta,		
			· ·		
-		X7 , 1	Mahavishagarbha tail,		
	5.	Yogratnakara	Kantakari Ghruta,		
			Maharasnadi Kwatha,		
			Trayodashanga Guggula,		
			Yogaraja Guggula,		
			Shadashiti-Guggula		
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### **Important Kalpas of Gokshura**

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Sr.	References	Indication/	Formulation/
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1.	Cha. Chi.	Sarva	Shwadanshtra
	28/146-147	Vatajanya	Taila
		Roga	
2.	Cha. Chi 26/74	Ashmari	Shwadanshtradi
			Ghruta
3.	Cha, Chi 26/62	Ashmari	Gokshuradi
			Yoga
4.	C.D. 67/9	Vrushya	Gokshuradi
			Churna
5.	C.D. 32/22	Ashmari,	Trikantakadi
		Mutrakruccha	Kwatha
6.	C.D. 32/28	Mutrakruccha,	Trikanta <mark>kadi</mark>
		Ashmari 💛	Ghruta
7.	Sha. S.M. Kha	Mutrakruccha,	Gokshuradi
	2/107	Ushnavata	Kwatha
8.	Sha. S.M.Kha	Mutrakruccha,	Gokshuradi
	7/84-87	Prameha	Guggula
9.	C.D. 34/34	Ashmari	Trikanta Beeja
			Churna

### Other Kalpa of Gokshura

Sr. No.	References	Kalpas of Gokshur
		Chyavanprasha, Rasna Ghruta, Apatyakra
1.	Charaka	Ghruta, Amrutadya Taila, Pashanabhedadi
	Chikitsa- sthana	Churna, Shatavaryadi Kwatha,
		Dashamuladya Ghruta, Agastya Haritaki
		Dashamuladi Kwatha, Kantakari Ghruta,
2.	Chakradatta	Chyavanprasha, Amrutadi Churna, Yogaraja Guggula, Varunadi Kwatha, Pashanbedadya
		,
		Ghruta, Shwadanshtradi Kashaya.
3.	Ashtanga	Nagabala Ghruta, Agastya Rasayana,
	Hridaya	Kantakari Ghruta
4.	Shrangadhara	Shatavaryadi Churna, Kamadeva Ghruta,
	Samhita	Loha Rasayana, Dashamularishta

		Agnikara Ghruta, Baladiya Ghruta,
		Tryushanadi Ghruta, Mahavishagarbha tail,
5.	Yogratnakara	Kantakari Ghruta, Maharasnadi Kwatha,
		Trayodashanga Guggula, Yogaraja Guggula,
		Shadashiti-Guggula

#### Discussion

Ayurveda our ancient traditional system of medicine, is very rich in concept of structural, functional and psychological aspect of human being as well as plants, their properties and uses. among the various samhitas well known to possess many formulations based on plants alone or in combination and salient feature of plants are described.

Gokshura is herb used in traditional medicine in indsia for long time to cure the ailments of Mootrva srotas vikaara. Bruhat Gokshura have described Raj Nighantu, Shaligrama Nighantu. Tribulus terrestris L. & Pedalium murex L. has a promising place in the Ayurvedic system of medicine due to its various medicinal values like. retention of urine, renal stone, Bladder diseases, kidney disease, Diabetes mellitus. Impotency & Azoospermia etc.

Gokshura is one of the ingradients of Dashmula & its formulation is most widely used in Ayurveda. Gokshura is indicated in Mutrakrucchara, Ashmari Vataja Vyadhi, Shotha etc.

Gokshura is hoof of cow or plants fruits which are armed with spines injure the feet of grazing cattle. Description of Gokshura found from samhita period, under the name of Gokshuraka, Shwadanshtra & Trikantaka upto 12th to 13th century. Different plant are also considered as Gokshura upto latest period, four plants are considered under the name of Gokshura.CONCLUSION The present review of gokshura can be useful to know about different formulation and their indcation in various disorders. Gokshur has mainly known for its mutral properties (diuretic). Its rasayan (antioxidant) properties explain in Raj Nighantu, Shaligram Nighantu and Nighantu Aadharsh (Shivdatta). In raj Nighantu also explain bruhat gokshur properties better than laghu gokshur.

VOL- VII ISSUE- IV APRIL 2020 PEER REVIEW IMPACT FACTOR ISSN e-JOURNAL 6.293 2349-638x

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