

Review Article

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A COMPARATIVE EXPLORATION OF GARBHOPANISHAD IN THE PURVIEW OF THE BRIHATRAYEE: A REVIEW

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ABSTRACT

This review aims to explore the Garbhopanishad in the purview of Ayurvedic texts, particularly the Brihatrayee (Charaka Samhita, Sushruta Samhita, and Ashtanga Hridayam), to provide a comparative analysis of various aspects of embryology and physiology. The Garbhopanishad, attributed to Maharishi Pippalada, discusses the formation, development, and functioning of the human body from conception through foetal growth to birth. It delves into the panchamahabhoota theory, describing the body's composition and functions based on the five elements and their interactions. The text also outlines the monthly growth stages of the foetus, the formation of bodily tissues, and the factors influencing sex determination and birth defects. Key findings include detailed descriptions of the physiological processes governing foetal development, the influence of maternal and paternal factors on the foetus, and the Ayurvedic interpretations of these processes as found in the Brihatrayee. This review highlights the unique monologue of the foetus regarding its previous lives and the philosophical implications of birth and rebirth. By examining each verse of the Garbhopanishad through the lens of Ayurvedic literature, this review provides a comprehensive understanding of ancient Indian embryological knowledge and its relevance to contemporary Ayurvedic practice.

Keywords: Ayurveda, Brihatrayee, Garbha, Garbhopanishad, Foetal development

INTRODUCTION

The term "Garbha" derived from root 'grabh or graha' denotes a foetus or embryo, or to conceive. The Sanskrit term Upanishad is understood as "sitting near to a teacher," from upa "by" and nisad "sit down", referring to the shishya (disciple) sitting down near the guru (teacher) while receiving spiritual knowledge (gurumukham). The Upanishads are often called the Vedanta, meaning the end or the conclusion of the Vedas. The Upanishads are philosophical treatises containing difficult discussions of ultimate philosophical problems. Upanishads are also frequently spoken of as rahasya (secret) or guhya (mystery). According to the Muktikopanishad, there are 108 Upanishads which are divided according to the four Vedas. ²

The Garbhopanishad, also known as the Garbha Upanishad, is a minor or later Upanishad. It is placed seventeenth out of 108 Hindu Upanishadic writings related to the Atharvaveda and is attributed to Maharishi Pippalada, the instructing sage of the Prashna Upanishad and the author of the Atharvaveda Shakha, which is represented by his name, Pippalada Shakha. The primary focus of the Garbha Upanishad is the commentary on the physiological and medical aspects of foetal development, including the genesis and development of the human embryo and the postnatal human body. It offers a thorough and perceptive explanation of various concepts pertaining to conception, zygote and foetal generation, characteristics and the development of distinct organs and systems, and the monthly growth of the foetus.

It explains the functions of the panchamahabhoota theory, the shadrasa (six tastes), the sapta dhatu (seven body tissues), the various sthana (location of different elements), the formation of the foetus, sex differentiation, birth defects, the monologue between the foetus and God in relation to Janma and Maya, shareera and its parts, and the pramana (measurement or numbers) of various body elements in five verses.

Therefore, in order to comprehend Garbha from a variety of angles, this article attempts to compare and analyse Garbhopanishad within the framework of the Brihatrayee.

Data for the review was collected through Garbhopanishad and classical texts of Ayurveda – Brihatrayee i.e., Charaka Samhita, Sushruta Samhita and Ashtanga Hridayam. As Maharishi Pippalada, the expounder of Garbhopanishad is also the instructor in the Prashnopanishad, some references have been included. Further, each verse from Garbhopanishad is evaluated for its Ayurvedic parlance which is mentioned in the Brihatrayee i.e., Charaka Samhita, Sushruta Samhita and Ashtanga Hridayam along all the chapters, and made into this single writeup.

The Opening Statement

Garbhopanishad defines the body as made of five elements (panchatmakam), five indriya (panchasu vartamanam), six supporting elements (shada ashrya as shadrasa), seven dhatu, three mala, two yoni (purusha and stree) and (nourished by) four types of food (chaturvidha ahara i.e., ashita, peeta, lehya, choshya).

Doctrine of Five Elements (Panchamahabhoota)

The body is made of five elements (panchamahabhoota). It is described as, that which is kathina (hard) is prithivi, that which is drava (fluid) is apa, that which is ushna (hot) is agni, that which does sancharana (movement) is vayu and that which creates sushira (space) is akasha. The comparative functions of the panchamahabhoota and indriyas are defined in Table 1.

Six Supports (Shadashraya)

The six tastes, shadrasa, are defined as the six-fold supports of the human body. Their comparative analysis is mentioned in the Table 2

Formation of Dhatu (Dhatu Parinamana)

A unique contribution of Garbhopanishad is that it defines the different colours of the seven bodily tissues (dhatu) as shukla (white), rakta (red), krishna (blackish), dhoomra (smoky grey), peeta (yellow), kapila (tawny) and pandu (pale) for rasa, rakta, mamsa, meda, asthi, majja and shukra; respectively. The six tastes are responsible for the formation of the seven dhatu which are derived from saumya-guna-yukta ahara rasa (essence of food comprising of six tastes). The comparative analysis of dhatu formation is explained in the Table 3. Also, the combination of shukra (male reproductive factor) and shonita (female reproductive factors) is defined as responsible for the formation of Garbha, the foetus, wherein its growth is regulated by the heart (both of the mother as well as the developing foetus).

Specific Locations (Sthana Vishesha)

The combination of shukra and shonita responsible for the formation of Garbha is regulated by the hridaya. In this hridaya is the function the antaragni, at the place of agni is pitta, at the place of pitta is the vayu, and at vayu's place is the hridaya, all growing in the order according to the law of Prajapati.

Month-wise Development of Foetus (Masanumasika Garbha Vriddhi)

When the couple indulges in unprotected coitus, in the ritukala (fertile period), the fertilisation takes place in the garbhashaya (female reproductive tract). The comparative development of the foetus soon after fertilisation up to delivery is mentioned in the Table 4.

Determination of the Sex in Garbha

Garbhopanishad describes the formation of different sexes in the foetus which is in parlance to the Ayurveda texts. The comparative analysis of factors responsible for the sex determination (linga nirnaya) in the Garbha is described in Table 5.

Birth Defects and their Causes

Some birth defects have been described which can be observed due to faulty dietary or lifestyle habits during the time of conception and pregnancy. The same was observed in Garbhopanishad and Ayurveda texts, which have been described in Table 6, wherein the birth defects and their cause has been mentioned.

Cause of Twin Pregnancy (Yugma)

The cause of twin pregnancy has been dealt with in the third verse of the Garbhopanishad. The same has been described in Ayurveda, highlighted in Table 7.

Sri Pippalada, in the concluding statement of the third verse, defines that the panchabahutika Garbha, from the intelligence that emerged from the five elements, meditates on the imperishable "Omkara." From this, it understands the ashta prakriti (08 Prakriti) and shodasha vikara (16 modifications), which belong to the self, residing in this body. During this ninth month of gestation, Garbha is reminded of its previous births and recounts the good and bad deeds committed in the past lives.

Unique Monologue of Garbha

Maharishi Pippalada mentions a unique distinctive monologue of Garbha regarding clutches of Maya and rebirth (punarjanma) in the fourth verse of Garbhopanishad. He describes that before coming out in the external world Garbha thinks, I have seen a thousand wombs, eaten several kinds of food and breastfed from multiple mothers. Born and dead again, I (atman) am immersed in grief and suffering alone, although the bodies that enjoyed the fruits are gone. When I get out of this womb, I will take refuge in the Sankhya Yoga (Sankhya Darshana). I will take refuge in Maheshwara, Narayana and Brahman, who destroy misery and grant liberation. When Garbha reaches the yoni dwara (birth canal), and comes out with great difficulties, it is touched with yantra (instruments used for delivery) and vayu; this jatamatra dukkha (difficulties during birth) causes Garbha to forget the previous births and the deeds performed therein.

Shareera and Agni

From where is the human body derived? The answer is the Agni. Garbhopanishad mentions three types of Agni, whose comparative explanation and function in dealt with in Table 8. These agni are given three places as, hridaya is dakshinagni, udara is the garhapatya and mouth is the ahavaniya. These, three agni are mentioned in the context of yajna (homa). Where in, the atma is referred to as yajamana (one who does sacrifice), manas is brahma (the doer), kama-krodha-lobha-moha etc. are the pashu (animals for sacrifice), dhriti is deeksha (vow), santosha (content) and buddhi-indriya are yajnapatra (instruments), karma-indriya are havisha (objects used in homa), shiras (head) is the utensil, kesha (hair) is darbha (dried grass for homa), mukha (mouth) is the antarvedi (altar), shiras (head)-16 teeth in two rows is chatushkapala (four cups). Hence, this body is said as the yajnakunda (place of worship) where in the homa (offering) of life is taking place.

Enumeration and Measurement (Pramana Shareera)

In the concluding remarks of Garbhopanishad, Pippalada mentions the measurements and enumerations of different bodily parts in the fifth verse. The comparative measurements and enumeration from the Ayurveda texts are dealt with in Table 9 and 10.

Table 1: Functions (Karma) of Panchamahabhoota and Indriya

Garbhopanishad		Charaka Samhita ³		
1.	Prithivi – Dharana (support)	1. Prithivi – Kathinyadi		
2.	Apa – Pindikarana (consolidate)	2. Apa – Dravatvadi		
3.	Tejas – Prakashana (enlighten)	3. Tejas – Ushnatvadi		
4.	Vayu – Gamana (movement)	4. Vayu – Tiryakgamanadi		
5.	Akasha – Avakashapradana (provide space)	5. Akasha – Apratighatadi		
6.	Shrotra – Shabda (perceive words)	6. Shrotra – Shabda (perceive words)		
7.	Twak – Sparsha (touch)	7. Twak – Sparsha (touch)		
8.	Chakshu – Roopa (see forms)	8. Chakshu – Roopa (see forms)		
9.	Jihwa – Rasana (taste)	9. Jihwa – Rasana (taste)		
10.	Nasika – Ghrana (smell)	10. Nasika – Ghrana (smell)		
11.	Upastha – Ananda (pleasure)			
12.	Apana – Utsarga (excretion)			
13.	Buddhi – Buddhya (cognition)			
14.	Manas – Sankalpa (conception)			
15.	Vak – Vadana (speak)			
Sus	nruta Samhita ⁴	Ashtanga Hridayam ⁵		
1.	Vayu – Vibhajati (division)	Akasha – Viviktata (space)		
2.	Teja – Pachati (metabolism)	2. Vayu – Ucchwasa (prana)		
3.	Apa – Kledayati (fluidity)	3. Agni – Pakti (metabolism)		
4.	Prithivi – Samhanti (providing form)	4. Apa – Kleda (fluidity)		
5.	Akasha – Vivardhana (expansion)	5. Prithivi – Asthibhava (giving form)		
6.	Shrotra – Shabha (sound)	6. Shrotra – Shabha (sound)		
7.	Twak – Sparsha (touch)	7. Twak – Sparsha (touch)		
8.	Drik – Roopa (see forms)	8. Drik – Roopa (see forms)		
9.	Jihwa – Rasana (taste)	9. Jihwa – Rasana (taste)		
10.	Ghrana – Gandha (smell)	10. Ghrana – Gandha (smell)		

Table 2: Comparative enumeration of Shadarasa

Ga	Garbhopanishad		Charaka Samhita ⁶		
1.	Madhura (sweet)	1.	Madhura (sweet)		
2.	Amla (sour)	2.	Amla (sour)		
3.	Lavana (salt)	3.	Lavana (salt)		
4.	Katu (pungent)	4.	Katu (pungent)		
5.	Tikta (bitter)	5.	Tikta (bitter)		
6.	Kashaya (astringent)	6.	Kashaya (astringent)		
Sus	shruta Samhita ⁷	Ash	tanga Hridayam ⁸		
1.	Madhura (sweet)	1.	Swadu (sweet)		
2.	Amla (sour)	2.	Amla (sour)		
3.	Lavana (salt)	3.	Lavana (salt)		
4.	Katu (pungent)	4.	Ushna (pungent)		
5.	Tikta (bitter)	5.	Tikta (bitter)		
6.	Kashaya (astringent)	6.	Kashaya (astringent)		

Table 3: Formation of Dhatu (Dhatu Parinamana)

Garbhopanishad	Charaka Samhita ⁹			
The shadrasa forms the ahara rasa. From relish of this ahara rasa,	The shad rasa yukta ahara forms the ahara rasa from which the			
shonita is formed, from shonita mamsa, from mamsa meda, from	nutrient-rich rasa is formed. It is transformed into rakta by the			
meda snayu, from snayu asthi, from asthi, majja and from majja,	ushma of pitta, due to the action of vayu, ambu and tejas, rakta			
shukra is formed.	forms mamsa, mamsa forms meda which in turn forms asthi, from			
	asthi majja and from majja, shukra is formed.			
Sushruta Samhita 10	Ashtanga Hridayam 11			
Rasa is transformed into rakta, rakta forms mamsa, mamsa forms	The ahara rasa transforms under the influence of agni and rasa is			
meda which in turn forms asthi, from asthi majja and from majja	formed. The rasa is transformed into rakta, rakta forms mamsa,			
shukra is formed.	mamsa forms meda which in turn forms asthi, from asthi majja,			
	from majja shukra is formed and from shukra Garbha is formed.			

Table 4: Month-wise Development of Foetus (Masanumasika Garbha Vriddhi)

Gar	Garbhopanishad		Charaka Samhita 12				
1.	Ekaratroshitam – Kalilam bhavati	1.	. Pratham masa - Khetabhuta, Avyaktavigraha sad				
2.	Saptaratroshitam – Budbudam bhavati		asadbhutanga avayava				
3.	Ardhamasa – Pinda bhavati	2.	Dwiteeya masa - Ghana sampadyate pinda peshi arbudam va				
4.	Pratham Masa – Kathino bhavati		(ghana-purusha, peshi-stri, arbudam-napumsakam)				
5.	Dwiteeya Masa – Shira sampadyate	3.	Triteeya masa - Sarvendriya sarvanga avayava yaugapadyena				
6.	Triteeya Masa – Pada pravesha		abhinivartante				
7.	Chaturtha Masa – Jathara-Katipradesh	4.	Chaturtha masa - Sthiratvam apadyate				
8.	Pancham Masa – Prishtavamsha	5.	Pancham masa - Mamsa shonita upacaya				
9.	Shashtam Masa - Mukha, Nasika, Akshi, Shrotra	6.	Shastam masa - Balavarna upacaya				
10.	Saptam Masa – Jeevana Samyukta	7.	Saptam masa - Sarvabhava apyayate				

11.	Ashtam Masa – Sarva Sampoorna	8. Ashtam masa - Muhurmuhu oja parasparata adadate,				
12.	Navama Masa – Sarva Sampoorna Lakshana	garbhasya asampurnatvat				
		9.	Navam to Dasham Masa - Prasava			
Sus	Sushruta Samhita 13		Ashtanga Hridayam 14			
1.	Prathama masa – Kalalam	1.	Prathama Masa- Avyakyta (saptahe – kalali)			
2.	Dwiteeya masa – Ghana (pinda – puman, peshi – stree, arbuda	2.	Dwiteeya Masa - ghana - puman, peshi - stree, arbuda -			
	– napumsaka)	kleeba				
3.	Triteeya masa – Hasta, pada, shira, anga-pratyanga sookshma	3. Triteeya Masa – Gatrapanchakam (moordha, sakthidwaya,				
	vibhaga	bahudwaya), sarvasookshmaanga				
4.	Chaturtha Masa - Sarvanga pratyanga vibhaga, Hridaya	4. Chaturtha Masa – Vyakta Anga				
	(dauhridya), Chetana	5. Pancham Masa – Chetana				
5.	Pancham Masa – Manas	6. Shashtam Masa – Snayu, Sira, Roma, Bala, Varna, Nakha,				
6.	Shashtam Masa – Buddhi	Twak				
7.	Saptam Masa – Sarvangapratyanga Vibhaga	7. Saptam Masa – Sarvanga Poorna Anga				
8.	Ashtama Masa – Asthira Ojus	8. Ashtam – Sanchari Ojus				
9.	Navama, Dasham, Ekadasha and Dwadadasha Masa -	9. Navam Masa - Prasava				
	Prasava					

Table 5: Determination of the Sex in Garbha

Gai	Garbhopanishad		Charaka Samhita 15		
1.	Pitu reto atiriktat (dominance of paternal factor) – Purusha (male)	1.	Rakta adhikena (dominance of rakta)- kanya (female)		
2.	Matu reto atiriktat (dominance of maternal factors) - Stree	2.	Shukra adhikena (dominance of shukra)- putra (male		
	(female)		child)		
3.	Ubhaya beeja tulyatwat (equal dominance of maternal and paternal				
	factors) – Napumsaka (neither male nor female)				
Sus	hruta Samhita ¹⁶	Ash	tanga Hridayam ¹⁷		
1.	Shukra bahulyaat (dominance of Shukra) – Puman (male)	1.	Shukra bahulyaat (dominance of Shukra) – Puman (male)		
2.	Artava bahulyaat (dominance of Artava) - Stree (female)	2.	Rakta bahulyaat (dominance of Rakta) - Stree (female)		
3.	Samyat ubhayo (dual dominance) - Napumsaka (neither male nor	3.	Samyat (dual dominance) - Kleeba (neither male nor		
	female)		female)		

Table 6: Birth Defects and Their Causes

Garbhopanishad	Charaka Samhita 18			
Andha, Khanja, Kubja, Vamana (blind, crippled, hump-backed, stunted)	Garbha vinasha, vairupyam (dysmorphism or foetal death) -			
 Vyakulita Manas (state of agitated mind while impregnation) 	prarthana sandharana (non-fulfilment of Dauhrida)			
Sushruta Samhita 19	Ashtanga Hridayam ²⁰			
Kubja, Kuni, Khanja, Jada, Vamana, Vikrita aksha, Anaksha (hump-	Garbha Vighata, Vikriti (miscarriage, abnormalities) -			
backed, crooked, crippled, mentally retarded, dwarf, deformed eyes,	Dauhirdavimana (non-fulfilment of Dauhrida)			
blind) – Dauhridavimana (non-fulfilment of Dauhrida)				

Table 7: Cause of Twin-Pregnancy

Garbhopanishad	Charaka Samhita ²¹
Anyonya vayu paripeedita shukra (Shukra afflicted with vayu)	Vayu ati pravriddha (increased vayu)
Sushruta Samhita ²²	Ashtanga Hridayam ²³
Antah vayuna bhinne (vayu divides the fertilised ovum)	Vatena bahuda (increased vayu)

Table 8: Agni and its Functions (Agni and its karma)

Gai	bhopanishad	Charaka Samhita ^{24, 25}				
1.	Jnanagni – shubhashuba karma	1. Jatharagni (at the level of koshtha)				
Darshanagni – roopadi darshana		2. Dhatwagni (at the level of dhatu)				
3.	Koshthagni – ashita, peeta, lehya, choshya pachana	3. Bhootagni (at the level of panchamahabhoota)				
		1. Sama agni (optimal agni)				
		2. Vishama agni (vata dominant)				
		3. Teekshna agni (pitta dominant)				
		4. Manda agni (kapha dominant)				
Sus	hruta Samhita ²⁶	Ashtanga Hridayam 27, 28, 29				
1.	Pachakagni (agni component in Panchaka Pitta)	1. Sama agni (optimal agni)				
2.	Ranjakagni (agni component in Ranjaka Pitta)	2. Vishama agni (vata dominant)				
3.	Alochakagni (agni component in Alochaka Pitta)	3. Teekshna agni (pitta dominant)				
4.	Sadhakagni (agni component in Sadhaka Pitta)	4. Manda agni (kapha dominant)				
5.	Bhrajakagni (agni component in Bhrajaka Pitta)					
		1. Jatharagni (at the level of koshtha)				
		2. Dhatwagni (at the level of dhatu)				
		3. Bhootagni (at the level of panchamahabhoota)				

Table 9: Enumeration (Pramanas)

Garbhopanishad	Charaka Samhita 30	Sushruta Samhita 31	Ashtanga Hridayam 32
1. Marma-107	1. Marma-107	1. Marma-107	1. Marma- 107
2. Sandhi-180	2. Sandhi- 200	2. Sandhi-210	2. Sandhi- 210
3. Snayu-109	3. Snayu- 900	3. Snayu-900	3. Snayu- 900
4. Sira-170	4. Sira- 700	4. Sira-700	4. Sira- 700
5. Majja-500	Majja- 1 anjali	5. Majja- NA	5. Majja- 1 anjali
6. Asthi-360	6. Asthi- 360	6. Asthi-300	6. Asthi-360
7. Roma-45 koti	7. Roma- 29956		

Table 10: Measurements (Pramanas)

Ga	Garbhopanishad		Charaka Samhita		Sushruta Samhita 33		Ashtanga Hridayam 34	
1.	Hridaya-8 pala	1.	Hridaya- NA	1.	Hridaya- NA	1.	Hridaya- NA	
2.	Jihwa-12 pala	2.	Jihwa- NA	2.	Jihwa- NA	2.	Jihwa- NA	
3.	Pitta-1 prastha	3.	Pitta- 5 anjali	3.	Pitta- NA	3.	Pitta- 5 anjali	
4.	Kapha-1 adhaka	4.	Kapha- 6 anjali	4.	Kapha- NA	4.	Kapha- 6 anjali	
5.	Shukra-1 kudava	5.	Shukra- ½ anjali	5.	Shukra- 1 Prasriti	5.	Shukra- 1 prasruta	
6.	Meda-2 prastha	6.	Meda- 2 anjali	6.	Meda- NA	6.	Meda- 2 anjali	
7.	Mutra-aniyata	7.	Mutra- 4 anjali	7.	Mutra- NA	7.	Mutra- 4 anjali	
8.	Pureesha-aniyata	8.	Pureesha- 7 anjali	8.	Pureesha- NA	8.	Pureesha- 7 anjali	

Hence, Maharishi Pippalada concluded the five verses of Garbhopanishad and mentioned it as the Moksha Shastra, the shastra which can lead the way towards one's liberation.

DISCUSSION

In the Prashnopanishad, Maharishi Pippalada discusses the origin of life and describes the notion of Prajapati, which is mentioned as a hint in the Garbhopanishad. It is proposed that the Rayi (Soma) and Prana (Agni) are the elements that form lifeforms. This Prajapati pertains in the form of annam (food), which is what causes the retas – which are reproductive entities – to form. This prana element is found in the body made of panchamahabhoota, where the developing Garbha is supported by five vayu (prana, udana, samana, vyana, and apana). Considering the explanation in the context of Garbhopanishad, these fundamentals can be incorporated based on the single expounder of both the Upanishads.

The panchamahabhoota, shadarasa, saptadhatu, trimala, dwiyoni, chaturvidha ahara, and shareera are covered in the Garbhopanishad; however, the Charaka Samhita, Sushruta Samhita, and Ashtanga Hridayam provide similar descriptions, although with a stronger emphasis on medicine and treatment. Since the Atharvaveda is the source of both Ayurveda and Garbhopanishad, the fundamentals of both can be understood similarly. Even though the Garbhopanishad is much shorter than the large volumes of the Brihatrayee – It only consists of five verses – It provides a sporadic picture of the development of Garbha. Given that every concept and its corresponding detail in the Brihatrayee have been discussed, a few standout points need to be brought up.

The Sankhya School of Philosophy is consistent with the idea that hridaya is the seat of atman. Despite being merely named, the ritukala represents a woman's whole fertile period when unprotected coitus may result in pregnancy. Furthermore, in comparison to the Brihatrayee, the day-by-day development of Garbha is a more presentable version. There is also the mention of the significance of mental health issues during pregnancy and how they affect the developing foetus. Additionally, the nourishment of a developing foetus via the umbilical cord, or "nadi," is mentioned as the conduit for prana flow.

The therapeutic implication of "Omkara" meditation by the Garbha can be utilised in the expecting females. A term for transformation in Sanskrit is "samskara." Applying the Garbhopanishad's precepts can help put the idea of Garbha Samskara into reality. During the gestation period, the females can be made to listen and recite the "Omkara" in order to accomplish the shubha (good) of fostering the physical, mental, spiritual, and emotional development of the foetus. Furthermore, research on the neuro-hemodynamic effects of "Omkara" chanting have showed notable limbic deactivation in a number of brain regions, which is similar to the effects of vagus nerve stimulation treatments for epilepsy and depression. The results suggest that the "Omkara" chanting could have a therapeutic benefit for mental illnesses resembling depression and for reducing stress. ³⁶

Although the Ayurveda Samhitas in Shareerasthana discuss the concepts of yoga and moksha, the Garbha's monologue in the dhruvapada, a lyrical form of Sanskrit literature, about rebirth and Maya demonstrates Upanishad's philosophical (darshnic) angle. Furthermore, the influence of the Atharvaveda on the composition of this Upanishad can be comprehended by considering the shareera, or human body, as the homa kunda, or sacrificial place. Lastly, the statement that this is a moksha shastra is mostly appropriate, since the Upanishad explains the full cycle of birth and rebirth and includes the role that good and bad deeds play in both this life and previous lifetimes.

Ayurveda, the established system of medicine in the Indian subcontinent, has much deeper deliberations when dealing with the Garbha and its development, the cause of defects and their management; in all three brihatrayee samhitas. The Shareerasthana may not contain all of the information about Garbha; an in-depth analysis will yield sporadic references from the entire collection of Samhitas. To analyse the principles from the Garbhopanishad within the framework of the Ayurveda Samhitas of Charaka, Sushruta, and Ashtanga Hridaya, an attempt has been made in this paper.

CONCLUSION

It is often stated in Indian Knowledge Systems (IKS) that one cannot comprehend Indian history and culture without comprehending the Upanishads. India's subsequent developments in philosophy and religion have extensively referenced the

Upanishads. The Indian medical treatises of the Brihatrayee, namely the Charaka Samhita, Sushruta Samhita, and Ashtanga Hridayam Samhita, bear similarities to the Garbhopanishad, which discusses the genesis of life in a womb to its various dimensions and is aligned with Atharvaveda. The Maharishi Pippalada's Garbhopanishad contains a number of new and parallel concepts that can be applied to the understanding of Garbha in Ayurveda.

LIMITATIONS OF THIS REVIEW

The Ayurveda Samhitas contains many references to Garbha and its evolution. Limited resources have been included here based on the five verses in the Garbhopanishad that Maharishi Pippalada explains since the goal of this review is to analyse the verses of the Garbhopanishad within the context of Ayurveda rather than the other way around.

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REFERENCES

- Monier-Williams Sanskrit-English Dictionary. [Cited June 20, 2024]. [Available From https://www.sanskrit-lexicon.unikoeln.de/scans/MWScan/2020/web/webtc/indexcaller.php].
- Upanishads. [Cited June 20, 2024]. [Available from https://vedicheritage.gov.in/upanishads/].
- E-Samhita, Caraka Samhita, Sutrasthana, Chapter 11 Verse
 [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita, Shareerasthana, Chapter 05 Verse 03. [Cited on June 1, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 03.
 [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Sutrasthana, Chapter 01 Verse
 [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita, Sutrasthana, Chapter 42 Verse
 [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- 8. Ashtanga Hridayam, Sutrasthana, Chapter 01 Verse 14. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Chikitsasthana, Chapter 15 Verse 27-35. [Cited on June 1, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- Samhita, Sushruta Samhita, Sutrasthana, Chapter 14 Verse
 [Cited on June 12, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 61-62. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Shareerasthana, Chapter 04
 Verse 09-24. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].

- 13. E-Samhita, Sushruta Samhita, Shareerasthana, Chapter 03 Verse 18-30. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 01 Verse 37.
 [Cited on May 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Shareerasthana, Chapter 02 Verse 12. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita, Shareerasthana, Chapter 03 Verse 05. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 01 Verse 05.
 [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read]
- E-Samhita, Caraka Samhita, Shareerasthana, Chapter 04
 Verse 19. [Cited on May 21, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita, Shareerasthana, Chapter 03
 Verse 18. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 01 Verse 53-54. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Shareerasthana, Chapter 02 Verse 14. [Cited on July 01, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/]
- E-Samhita, Sushruta Samhita, Shareerasthana, Chapter 02 Verse 37. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 01 Verse 06.
 [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Chikitsasthana, Chapter 15
 Verse 50-51. [Cited on May 30, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Caraka Samhita, Vimanasthana, Chapter 06 Verse
 [Cited on May 20, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita, Sutrasthana, Chapter 21 Verse
 [Cited on June 25, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- 27. Ashtanga Hridayam, Sutrasthana, Chapter 01 Verse 08. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 83.
 [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- 29. Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 59. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Caraka Samhita, Shareerasthana, Chapter 07
 Verse 14. [Cited on June 09, 2024]. [Available from https://niimh.nic.in/ebooks/ecaraka/].
- E-Samhita, Sushruta Samhita Shareerasthana, Chapter 05 Verse 06. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- 32. Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 14-19. [Cited on April 24, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].
- E-Samhita, Sushruta Samhita Shareerasthana, Chapter 05 Verse 06. [Cited on June 16, 2024]. [Available from https://niimh.nic.in/ebooks/eSushruta/].
- Ashtanga Hridayam, Shareerasthana, Chapter 03 Verse 05.
 [Cited on July 02, 2024]. [Available from https://vedotpfromti.in/samhita/Vag/ehrudayam/?mod=read].

- 35. Prashna Upanishad. [Cited April 21, 2024]. [Available From https://upanishads.org.in/upanishads/6].
- 36. Kalyani BG, Venkfromasubramanian G, Arasappa R, Rao NP, Kalmady SV, Behere RV *et al.* Neurohemodynamic correlfromes of 'OM' chanting: A pilot functional magnetic resonance imaging study. Int J Yoga. 2011 Jan;4(1):3-6.

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