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## GARBHA SHARIR: A CRITICAL REVIEW

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#### **ABSTRACT**

Science is the result of curiosity of human being through which human being has studied, analyzed and come to the results of various natural processes occurring in body. Today practically and scientifically the existence of everything has been proved. Ayurveda, being a part of this science also needs a deep study and research for proving all the facts established by Acharyas in ancient time. In Ayurvedic treatise, the matter related to the concept of Garbha Sharir is systematically described in "Sharir Sthana". Ayurvedic texts have very systematic description of various facts responsible for better progeny. Acharya Charaka has described 'Garbha' as combination of three factors, i.e. Shukra, Shonita and Jeeva (Atma) whereas Garbhashaya as Kshetra (field) for implantation, proper growth and development of Garbha. In Ayurveda, which is based on an outcome of continuous efforts of thousands of years, experience, experimentation and wisdom of ancient Acharyas, very minute, scientific and excellent description of Bija i.e. Shukra, Shonita, Garbhavakranti, Garbhadhana is available. The term 'Garbhavakranti' in Ayurveda, though analogically stands parallel to the embryology but is more comprehensive. In real senses it deals with the process of fertilization and development of the fetus starting from their parental units, their union, implantation, successive growth and finally the full term delivery. The embryology has been always a subject of curiosity. How an organism develops from a single cell is quite intriguing. Embryology is the key that helps to unlock such secrets as heredity, the determination of sex and organic evolution. It conceives a comprehensive and rational explanation of the intricate arrangement of human anatomy. The concept of Garbha Sharir mentioned in Ayurveda and in Modern science are quite similar in many point of views. The variations and dissimilarities may be due to lack of continuity, time period passed, available equipment's and research techniques.

KEYWORDS: Ayurveda, Garbha Sharir, Bija, Garbhavakranti, Garbhadhana.

## INTRODUCTION

Human body creation was not a random accident of nature. It is the work of cosmic intelligence of a divine plane for definite higher purposes. Occurrence of human body in proper shape, size and weight is a wonder of nature.

The embryology has been always a subject of curiosity. How an organism develops from a single cell is quite intriguing. Embryology is the key that helps to unlock such secrets as heredity, the determination of sex and organic evolution. It conceives a comprehensive and rational explanation of the intricate arrangement of human anatomy.

As mentioned in *Ayurveda*, *Swastha Sharir* is needed for reaching the *Purusharatha Chatushtaya* i.e. *Dharma*, *Artha*, *Kaam* and *Moksha*.

Maintenance and protection of *Swastha Sharir* is the main aim of *Ayurvedic* science. [1]

In Ayurvedic treatise, the matter related to the concept of Garbha Sharir is systematically described. Specific Sthana of the Samhitas where the whole development, embryology and genetics of the organs is described is known as "Sharir Sthana".

## **Historical Aspect**

Vedas have the concept that mature age of woman including physical and psychological both are an essential factor for a good progeny. The proper time of insemination, the gradual and sequential stages of embryonic development have been minutely observed and well described in ancient literature. In Vedic literature, the importance of heredity and environment has been also not left untouched as they could recognize the intimate interaction between the developing embryo

and the immediate environment which its body, organ and tissues experience.

In *Samhitas*, the matter related to concept of *Garbha Sharir* is systematically described. It has well recognized the paternal units taking parts in development of *Garbha* more precisely. The terms employed for these embryonic components and their stages of developments appear to be more appropriate and scientific, if viewed in the light of present advances.

## Modern Aspect

The literal meaning of term "Embryo" in modern science signifies the developing ovum during the early months of gestation and the branch of science popularly known as embryology. In its widest sense means the growth from one cell stage to adult one, but the term frequently is restricted to mean the period of growth and development before birth. The development of an organism is characterized by a progressive alteration of form and proportions, both externally and internally.

## **Definition of** *Garbha*

Acharya Charaka says that the Samyoga of Shukra, Shonita and Jeeva (Atma) inside the Kukshi is named as Garbha. [2]

Garbha is generated due to intermingling of Panchamahabhutas in each other's. [3]

Acharya Sushruta states that a combined state of 'Shukra' and 'Shonita' in the Garbhashaya, intermixed with the 'Prakritis' (Mula-Prakriti along with its eight categories) and 'Vikaras' (her sixteen modifications) and ridden in by the Atma is called 'Garbha'. [4]

*Vriddha Vagbhata* corroborating the views of *Charaka* explains that due to effect of *Raga* (desires) etc. and impelled by deeds of previous life the *Mana* propells *Jeeva* to come to the *Kukshi* (uterus) and formation of *Garbha* occurs.<sup>[5]</sup>

The term 'Garbhavakranti' in Ayurveda, though analogically stands parallel to the embryology but is more comprehensive. In real sense it deals with the process of fertilization and development of the fetus starting from their parental units, their union (fertilization), implantation, successive growth and finally the full term delivery. It comprises of two words, i.e., the 'Garbha' and 'Avakranti', which literally gives an idea about descent of a dormant embodied life principle.

## Garbha Sambhav Samagri (factors essential for formation of Garbha)

Four factors i.e., "Ritu" (menstrual period) "Kshetra" (uterus) "Ambu" (Ahara Rasa) "Bija" (Shukra and Shonita) are the essential raw ingredients for the production of Garbha, provided Bija (Shukra and Shonita) should be pure. [6]

It means *Ritu*, *Kshetra*, *Ambu* and *Bija* contribute in the formation of *Garbha* but afterwards different organs develop in the *Garbha* with the help of different *Bhavas*. Characteristics of *Shukra* and *Shonita* for good progeny should be as described below.

**Shukra:** The male factor which is taking part in the formation of *Garbha* is called as *Shukra*. It is composed of *Vayu*, *Agni*, *Jala*, *Prithvi Mahabhuta*. This *Shukra* is formed by the food substances having all the *six Rasa*.<sup>[7]</sup>

Shukra Guna: Shukra is Shukla (white) in Varna, Sphatika (crystal) like appearance, Madhura (sweet) in taste, Madhu in Gandha, Snighda, Picchila, Sandra, Guru in consistency and overall appearance like Taila and Kshoudra. Shukra possessing these characters, only called as Shuddha Shukra and capable to produce Garbha. [8,9]

**Shukra Pramana:** Quantity of the *Shukra Dhatu* is Ardha (½) Anjali in human body. [10]

Artava/Shonita/Raja: From Rasa (Dhatu), the Rakta named as Raja is formed. Artava is Agneya, has characteristics of Rakta, forms Garbha and is also essential for life. The Artava becomes Vyakta in a female body from the age of twelve years and persists up-to fifty. Thus it is physiologically absent before twelve years and after fifty years. [11]

*Rakta* reaching *Yoni* (uterus) and coming out for three days in every month is called *Artava*. The blood collected for whole month by both the *Dhamanis* assuming slight black colour and specific colour or odour is brought downwards to *Yoni-mukha* (vaginal orifice) for excretion. [12]

Shuddha Artava: Artava should be unctuous, bright red in colour like Padma (red lotus) / Gunjaphala (abrus seed) / Laksha Rasa (lac juice) / Indragopa (cochneal) / Shasha Asrik (like rabbit's blood), and free from pain or burning. This menstrual blood does not impart permanent stain on the cloth. The quantity is not very scanty or very excess. [13,14]

*Artava Pramana*: It is four *Anjali* (approximately four ounces). [15]

## Panchbhautikta of Garbha

The fusion of *Shukra* and *Shonita* (sperm and ovum) in the *Kukshi* (womb) mixed with *Prakritis* and its sixteen modifications known as *Vikaras* and *Aatma* give rise to *Garbha* (an embryo). *Acharya Sushruta* has clearly stated the role of '*Panchamahabhutas*' and the self-consciousness in the *Garbha*. [16]

- 1. Vayu Bhuta divides this mass into Dosha, Dhatu, Mala, Anga and Pratyanga etc.
- 2. *Tejas Bhuta* gives rise to the metabolism of the tissue.

- 3. *Aap Bhuta* keeps it in liquid state.
- 4. Prithvi Bhuta is embodied in the shape of its species.
- 5. *Akasha Bhuta* contributes to its growth and development.

A fully developed *Garbha* with all its parts, such as the hands, feet, tongue, nose, ear, buttocks etc. and the sense organs is called *'Shariram'*. This is how the fetus develops. On putting lime light on monthly development and organogenesis in *Ayurveda*, different *Acharyas* have different views.

Table 1: Showing Contribution of Five *Mahabhuta* to the *Garbha*.

Alrocho	Shabda, Shrotendriye, Laghava,
Akasha	Sauksmya, Viveka, Srotasa, Chidras
Vayu	Sparsha, Sparshanendriye, Chesta or
	Parispandana, Dhatu-vyuhana, Ucchwasa
Agni	Rupa, Chaksu-Indriye, Pakti, Ushma,
	Prakasha, Pitta, Teja
Aap	Rasa, Rasanendriye, Shaitya, Mardava,
	Sneha, Kleda, Asrik, Shukra, Mutra
Prithvi	Gandha, Ghranendriye, Gaurava,
	Sthairya, Murti, Kesha, Asthi

## Garbhotpaadak Bhava (Shata-Bhavatmka)

Along with the above mentioned five factors (*Panchamahabhutas*), another six more factors have been described by *Acharyas*. They are *Matrija*, *Pitrija*, *Atmaja*, *Satmyaja*, *Rasaja* and *Satvaja Bhavas*. *Garbha* is formed and developed by the combination of these *Bhavas*. [17]

Table 2: Showing Contribution of *Shada Bhava* to the *Garbha*.

Shada	Parts derived from these Bhava		
Bhava	(Su.Sha.3/31)		
Matrija Bhava	Mamsa, Shonita, Meda, Majja, Hridaya, Nabhi, Yakrit, Pliha, Antra, Guda etc., soft parts are derived from mother.		
Pitrija Bhava	Kesha, Shrmashru, Loma, Asthi, Nakha, Danta, Sira, Snayu, Dhamani, Shukra and other Sthira Anga, Avayava are derived from father.		
Atmaja Bhava	In Garbha Indriya-gyanam, Ayu, Sukha, Dukha Jnanam etc., features are derived from Atma.		
Satmyaja Bhava	Viryam, Arogyam, Bala-Varna, Medha are the features derived from Satmya by the Garbha.		
Rasaja Bhava	Upachaya (growth) of the body, Bala, Varna, Sthiti, Hani (illhealth) are formed due to the Rasa in Garbha.		
Satvaja Bhava	Shuchi, Asthikyam, Shukla (cleanliness), Ruchi in Dharma (interest to follow Dharma), Mati (intelligence) are derived from Satva (Manas).		

Garbhavakranti

Garbhavakranti comprises of two words, i.e., the 'Garbha' and 'Avakranti', which literally gives an idea about descent of a dormant embodied life principle.

Charaka says that when between a man of unvitiated Shukra (semen) and a woman of unvitiated Yoni (vagina), Shonita (ovum) and Garbhashaya (uterus), mating takes place during the night time, and when, moreover, the spirit descends, by the agency of the mind into that union of the Shonita fertilized by Shukra formed inside the Garbhashaya (womb), as a result Garbha is formed. Due to constant use of congenial diet by the pregnant woman this Garbha grows normally and gets delivered at appropriate time with all *Indrivas* (sensory and motor organs), complete body parts, Bala (energy), Varna (complexion), Satva (endurance) and Samhanana (compactness) along with Matrija (maternal), Pitrija (paternal), Atmaja, Satmyaja and Rasaja Bhavas (physical and psychological components) having constant association of Mana. [18]

Sushruta opines that the *Teja* or heat generated at the time of coitus activates *Vayu*, then the *Shukra* excreted due to the action of both *Vayu* and *Teja* reaches *Yoni* gets mixed up with *Artava*, thus formed *Garbha* (zygote) with the union of *Agni* (*Artava*) and *Soma* (*Shukra*) stays in *Garbhashaya* (uterus). [19]

The additional differentiating factors put forth by *Vagbhata* are mainly '*Panchakleshas*' (i.e. *Avidhya*, *Asmita*, *Raga*, *Dvesha* and *Abhinivesha*), and '*Swakarmas*' (deeds of previous life). It can be briefly stated that the *Garbha* comes into existence inside the *Garbhashaya* soon after union of *Shukra* and *Shonita* governed by '*Panchakleshas*' and previous deeds of life and subsequently influenced by '*Jeevatma*' along with the *Mana*.

The entire process of *Garbhavakranti* is controlled by *Satva* and *Vayu*. First *Vayu* deposits *Shukra* in *Yoni*, then *Shukra* passes through the *Trayavarta* of *Yoni*, there it gets absorbed by *Vata* and *Vata* facilitates its union with *Artava*, thereby *Shukra Shonita Sammurchana* takes place. After this, *Satva* acts as an instrument and paves the way for descent of *Atma* into the *Shukra Shonita Sammurchita mass*.

So that in formation of *Garbha* the role of *Mana* has been recognised first, and subsequently the 'Atma' gets entered to co-opt the attributes of *Mana*. The time while imprinting upon the attributes of 'Manas', the 'Atma' first creates the 'Akasha' and then subsequently other 'Bhutas' are created in their sequence of evolution. [20]

## Garbha Vriddhikara Bhava<sup>[21]</sup>

- 1. Shatbhava Sampat: Excellence of Matrija, Pitrija, Satvaja, Satmyaja, Rasaja, Atmaja Bhava.
- 2. Ahara, Vihara of mother: Dietary regimen prescribed for Garbhini.

- 3. *Upasneha* and *Upasweda*: By diffusion and heat conduction.
- 4. Kala Parinama: By time factor.
- 5. Svabhava: By nature.

The development of *Garbha* mainly depends upon the inflation done by *Vayu* and nourishment supplied by *Rasa* is the opinion *Sushruta* and *Bhavamishra*. Behind the umbilicus there is definitely the location of '*Jyotisthana*' (the place of light or fire). The *Vayu* by its blowing action excites or stimulates this fire, which in turn performs development of body. [22]

#### Garbhadhana Vidhi

Ayurveda believes that *Ahara, Vihara, Mansika Stithi* of mother and father during the time of coitus influence the qualities of *Garbha*. Hence to get a good progeny, mother and father have to follow specific *Ahara* and *Vihara*. These are described in following points:

- Appropriate age for *Garbha Dharana*: Male at the age of 25 and female at the age of 16 are fully mature, for conception of good progeny. [23]
- Purvakarma: Before the coitus both wife and husband have to undergo Shodhana like Sneha, Sweda, Vamana, Virechana, Asthapana and Anuvasana basti.
- ➤ **Diet for** *Stri*: Diet containing primarily more of *Masha* and *Taila* is advocated. This kind of *Ahara* increases *Pitta* and helps in complete formation of *Rajas*. To make the woman *Snigdha Phalaghrita* / *Mahakalyana Ghrita* is advised.
- ➤ Diet for Purusha: Diet containing Madhura Dravya and Madhura Dravya Siddha Ghritam, Kshiram and Shalyodana is advocated. Madhura Rasa Ahara increases the quality of Shukra.
- > **Dress:** Shweta Vastra and Pushpmala Dharana.
- Fine of conjugation: Couple desiring male progeny have to perform coitus on *Yugma Dina* i.e. 8<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup> days. For female child 9<sup>th</sup> and 11<sup>th</sup> days that are *Ayugma Dina* are indicated. Good *Muhurta* and *Aparahna* is advised for coitus.<sup>[24]</sup>
- ➤ Method of conjugation: The man should go to the bed by keeping his right leg (Dakshina Pada) first while the woman with left leg. Then male partner should take wife by Soumya Vachana, Upachara and Chesta into mood. After feeling Maithuneccha, they have to indulge into coitus. During the time of coitus both of them must be with Prasanna Chittata.
- ➤ **Posture of coitus:** *Uttana* (posture lying with the face upwards of female) is advised for coitus. It aids acceptance of *Bija* and *Doshas* are kept in *Samastithi*. [25]
- Process of Garbhadhana: During the coitus after Shukrachyuti (ejaculation), Vata carries Shukra through Yoni and deposits it in Garbhashaya. This Shukra unite with Shuddhartava and forms Garbha. After the coitus Parisechana (sprinkling) should be done with cold water at genital organ.

- ➤ Method of performing *Putresti-yagya*: Charaka has described the detailed methods of *Putresti-yagya* for the fulfillment of desires of lady. [26]
- ➤ Garbha Masanumasika Vridhi: The first month to ninth month of development of Garbha is described in classics in detail. The parturition takes place either in the ninth, tenth, eleventh or twelfth month of conception; otherwise (pregnancy) should be regarded as abnormal.
- Garbha Poshana: In Ayurveda, there is an adequate literature which throws light on supply of nutrition and gaseous exchange, from the stage of fertilized egg to its full term delivery. Entire requirement necessary for the development of Garbha is made by 'Rasa-dhatu' according to Ayurveda. The role of 'Rasa-dhatu', besides meeting the nutritional requirement to a growing Garbha, has been also recognized in respect to contribute towards the mother-health and formation of milk. Garbha Poshana can be studied in two parts:
- 1. Till the Organogenesis of Garbha: At the initial stage, when specific parts of Garbha are not explicited, the Garbha obtains its subsistence by Upasneha and Upasweda processes. Upasneha is unctuousness and Upasweda is moistness. The substances which are having more fluidity and thin in nature are absorbed by Upasweda process. In the initial stages, Kapha is more predominant in Garbha. So, for the nourishment of Kapha, Kapha Vardhaka Ahara is essential. Guru, Snigdha, etc. Ahara which improve Kapha in the body cannot pass through the small pores. So, for that another separate process "Upasneha" has been mentioned by Acharyas.
- After the Organogenesis of Garbha: When body parts become conspicuous, a part of nourishment is obtained by Upasnehana permeating through Loma Kupas and another part through Nabhi Nadi. Garbha Nabhi-Nadi is attached one side with Garbhanabhi and the other side with Apara (placenta). Apara is connected with the Matrihridaya through Syndamana Siras (pulsating vessels). From Matrihridaya, through these Siras by the process of Samplavana (inundation), Rasa enters into Apara, consequently to Nabhi Nadi and Garbha. 'Rasa' of the pregnant woman serves three purposes, viz.:
- ✓ Matru-Pushti
- ✓ Garbha- Pushti
- ✓ Stana/Stanya Pushti

Coming to the fetal nourishment, the *Tiryak Rasavahinis* which start from mother attach to the *Apara* and the nourishment passes to *Garbha* through the *Nabhi Nadi*.<sup>[27]</sup>

## Garbha Angotpatti / Anga-Pratyangotpatti

The great 'Punarvasu Atreya' describes the manner in which the Garbha is formed in the uterus of mother and

the mode of manifestation of its various body organs. Summing up the opinion God *Dhanvantri* explained that all the body parts develop simultaneously, the logic that

being basic supporting structure or abode of various features (*Oja, Mana, Atma, Buddhi* etc.) the heart comes first is not correct

Table 3: Showing Prathama Angotpatti in Garbha.

Sr. No.	First born body part	Charaka Sharir 6/21	Sushruta Sharir 3/30
1.	Not to be discussed	Maricha Kashyap	
2.	Shir (Head)	Kumarashira Bharadwaja	Shaunaka
3.	Hridaya (Heart)	Kamkayana	Kritavirya
4.	Nabhi (umbilicus)	Bhadrakapya	Parashara
5.	Pakvashya and Guda (large intestine and anus)	Bhadrashaunaka	
6.	Pani-Pada (extremities)	Badisha	Markandeya
7.	Indriyas	Vaideha Janaka	
8.	Madhya-Sharir (trunk)		Gautama
9.	Chakshu (eyes)		
10.	Sarvang-Pratyanga (all body parts together)	Dhanvantri and Atreya-Punarvasu	Dhanvantri

Table 4: Showing Angotpatti in Garbha from Dhatus.

Anga of Garbha	Dhatu from which it develops (Su.Sha. 4/25-30)
Yakrit (liver) and Pliha (spleen)	Rakta
Phuphus (lungs)	Froth of the <i>Rakta</i>
Unduka	Mala of the Rakta
Aantra (intestine), Guda (anus)	Sara of Sleshma and Rakta getting metabolised by Pitta and followed by
and Basti (bladder)	Vayu
Tongue	Essence of the Kapha, Rakta and Mamsa
Srotasa (channels)	Vayu associated with Ushma (Pitta) canalizes the Srotasa
Peshi (muscles), Sira (vessels),	Vayu entering the Mamsa divides it into Peshi, incorporating oily (unctuous)
Snayu (tendons), Ashaya	portion of <i>Meda</i> forms <i>Sira</i> and <i>Snayu</i> by <i>Mridhu</i> (mild) and <i>Khara</i> (strong)
(cavities/visceras)	Paka respectively; Vayu by repeated actions forms the Ashayas.
Vrikkas (kidneys)	Essence of <i>Rakta</i> and <i>Meda</i> .
Vrishan (testes)	Essence of Mamsa-Rakta-Kapha and Meda.
Hridaya (heart)	Essence of Rakta and Kapha.

## Garbha Lingotpatti

According to Ayurveda Garbha Lingam or sex is the contribution of Shukra Dhatu and Artava. It is the predominance of 'Shukra' and 'Artava' particularly at the time of 'Shukra Artava Samyoga' (time of fertilization), which determines the sexuality according to Indian thoughts. Acharya Charaka and Sushruta both have recognized the 3 different types of sexes, viz., 'Puman' (male), 'Stri' (female) and 'Napumsak'. [28,29]

- Predominance of Shukra: Lead to the formation of a male child
- Predominance of Artava: Leads to the formation of female child
- Equality in strength of *Shukra* and *Artava*: Leads to the formation of a *Napumsak*.

**Pumsavana Karma:** Pumsavana Karma (measures which help procreating a male progeny)/ Vedic hymns recited on this occasion mention Puman or Putra and favour the birth of a son. However, Chakrapani, the commentator of Charaka Samhita, says that this procedure is adopted for achieving progeny of desired sex. [30]

### Garbha Varnotpatti

Ayurveda gives more stress to 'Panchamahabhutas' for the production of diversity, colour and complexion of the body as well as the cornea of eye. Mentioning the role of individual 'Mahabhuta' Acharya Sushruta has stated that the 'Tejo-Dhatu' is the source of all colours. Different complexions arise on the basis of association of other Mahabhutas with 'Teja'.

Table 5: Showing the opinions of Acharyas regarding Varnotpatti.

Sr. No.	Varna	Charaka Sharir Sthana 8/15	Sushruta Sharir Sthana 2/37
1	Gaura (fair)	Teja+Jala+Akasha	Teja+Jala
2	Krishna (black)	Prithvi+Vayu	Teja+Prithvi
3	Shyama	All <i>Mahabhutas</i> equal	
4	Gaura-Shyama		Teja+Jala+Akasha
5	Krishna-Shyama		Teja+Prithvi+Akasha

## Garbhashaya-Antar Garbha-Stithi

The *Garbha* stays in *Garbhashaya* with all its body parts fully flexed, and facing towards the back of the mother. *Charaka* has mentioned the position of head as upwards.<sup>[31]</sup>

Sushruta mentioned position of head in downwards direction in Garbhashaya. Vriddha Vagbhata has added the Garbha lies inside the Garbhashaya facing the mother's back, keeping both its hands on the forehead, with its body contracted, and if it is male it's situation is more on right lateral side of the Kukshi; if female then on left lateral side and if a Napumsak then it remains centrally situated. [33]

#### Garbha Paratantrata

*Garbha* is totally dependent on mother for nutrition so it is said that *Garbha* is in *Paratantra* stage. [34]

Pachana kriya in Garbha (Digestive functions): After the Pachana Kriya, formed Rasa from the mother enters into Garbha through Garbha Nabhinadi. This Rasa gets metabolised by Garbha Kayagni present in Pakvashaya and utilized for Garbha Dhatu Pushti. Major Pachana Kriya is not necessary in Garbha as Rasa is available in Prasada Rupa. [35]

*Mala Kriya* in *Garbha* (Excretory functions): *Sthulamala* formation or excretory function does not take place in *Garbha* due to two reasons. [36]

- Absence of *Pakvashyagata Vayu*.
- Receiving of *Prasada-Rupa Rasa*.

**Rodanam in Garbha** (Cry): Garbha does not cry inside the Garbhashaya, the reasons being. [36]

- Covering of *Mukha* with the *Jarayu* (fetal membranes)
- ➤ Obstruction of Vayu Marga

Garbha Prakriti: The Prakriti is defined as the aspect which is stable from birth to death and which is formed at the time of conception due to self-aggressiveness of Shukra and Shonita. This Prakriti consist of Vikararahita Doshas at the preliminary stage. This Prakriti is influenced by 4 factors when the Garbha is in the womb of mother. These factors are (1) Shukra Shonita Prakriti, (2) Kala Garbhashaya Prakriti (3) Maturahara Vihara Prakriti (4) Mahabhuta Vikara Prakriti.

## CONCLUSION

Even though the *Ayurvedic* classics describe many aspects of *Garbha* like *Garbha Vikas*, *Garbhadhana Vidhi*, *Garbha Vridhhikara Bhava*, *Garbha Poshan*, *Aanuvanshik Siddhant* and *Garbha Samskar* etc. these references have not been carefully understood and explored in context of present era.

Garbha Sharir helps us to understand why some children are born with organs that are abnormal. Appreciation of

the factors responsible for mal-development assists us in preventing, or treating such abnormalities. This knowledge helps us understand many complicated facts of adult anatomy. In this way the knowledge of embryology is essential for the study of Anatomy, Pathology, Surgery, Obstetrics and Pediatrics. There is thus need to explore and analyze these to have greater understanding of the subject. In this light, this study would be able to further the knowledge of *Garbha Sharir* and make it *Yuganuroopa*.

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