

# Charaka Samhita Adhyaya 3 MahatiGarbhaavakraanti

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# Factors responsible for formation of Embryo.....

- मातृतः पितृत आत्मतः सात्म्यतो रसतः सत्त्वत इत्येतेभ्यो भावेभ्यः  
समुदितेभ्यो गर्भः सम्भवति।
- The embryo is formed out of the aggregation of factors coming from mother, father, the soul, wholesome regimen, *rasa* (nutritive fluid) and the mind.

# Definition of Embryo

- शुक्रशोणितजीवसंयोगे तु खलु कुक्षिगते गर्भसञ्ज्ञा भवति..

The unification of sperm, ovum and the soul in the womb is designated as *garbha* (embryo).

# Role of Mahabhuta in Embryo formation

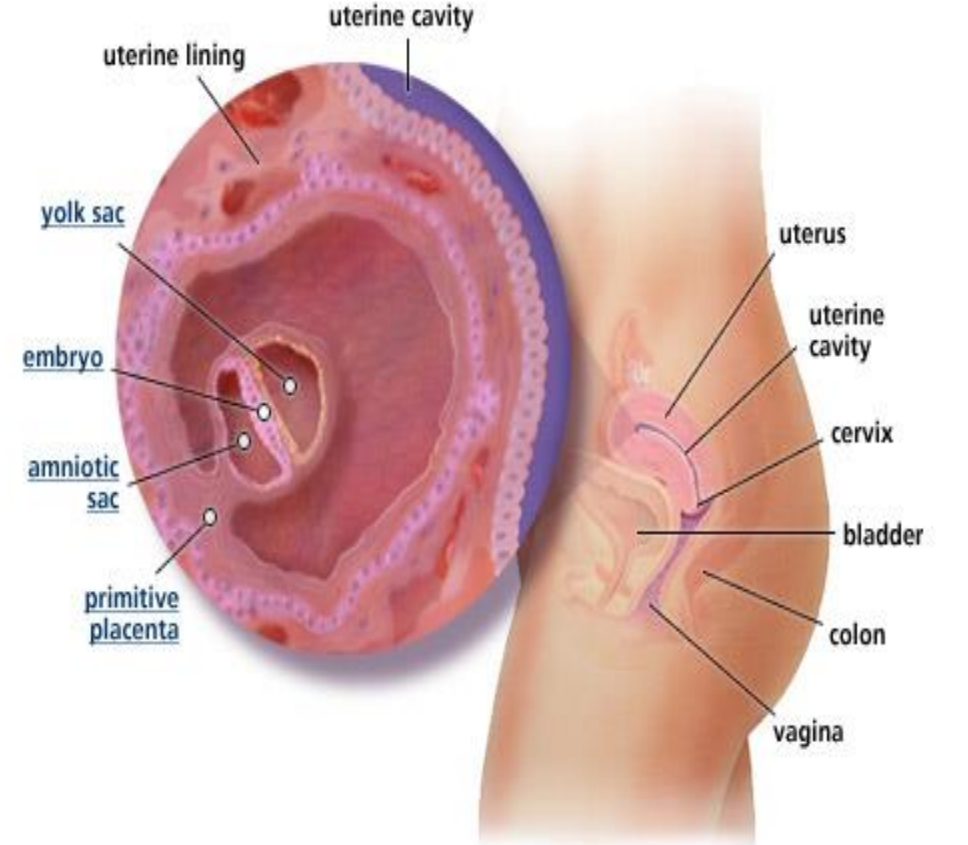
- गर्भस्तु खल्वन्तरिक्षवाय्वग्नितोयभूमिविकारश्चेतनाधिष्ठानभूतः।
- एवमनया युक्त्या पञ्चमहाभूतविकारसमुदायात्मको गर्भश्चेतनाधिष्ठानभूतः; स ह्यस्य षष्ठो धातुरुक्तः॥६॥
- *Garbha* (embryo) is produced by the five *mahabhutas*, i.e. *akasha, vayu, agni, jala* and *prithvi* and associated with the consciousness (*chetana*). It represents the combination of five *mahabhutas* and is also a holder of consciousness. Thus, the *chetana* constitutes the sixth *dhatu* and is responsible also for the formation of *garbha* (embryo).

# Process of Embryo formation....

- गते पुराणे रजसि नवे चावस्थिते शुद्धस्नातांस्त्रियमव्यापन्नयोनिशोणितगर्भाशयामृतुमतीमाचक्ष्महे।
  - तया सह तथाभूतया यदा पुमानव्यापन्नबीजो मिश्रीभावं गच्छति, तदा तस्य हर्षोदीरितः परः शरीरधात्वात्माशुक्रभूतोऽङ्गादङ्गात् सम्भवति।
  - स तथा हर्षभूतेनात्मनोदीरितश्चाधिष्ठितश्च बीजरूपो धातुः पुरुषशरीरादभिनिष्पत्योचितेन पथा गर्भाशयमनुप्राविश्यात्वेनाभिससर्गमेति॥७॥
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- After the discharge of menstrual blood and the formation of fresh blood begins, a woman attains the *ritumati* (state of fertility) provided she has had bath and her genital tract, ovum and uterus are in normal condition. When a man with his unimpaired sperms cohabits with such a woman, his semen which constitutes the essence of the body tissues, comes out driven by orgasm. The semen consisting of sperms motivated by the orgasm is ejaculated from the body of the man and reaches the uterus through the genital tract. Finally, the sperm unites with the ovum.

# Embryo in first month.....

- स सर्वगुणवान् गर्भत्वमापन्नः प्रथमे मासि सम्मर्चितः सर्वधातुकलपीकृतः खेटभूतो भवत्यव्यक्तविग्रहः सैदं सद्भूताङ्गावयवैः ॥९॥
- In the first month of gestation, the soul possessing all the qualities gets amalgamated with all the *dhatus* to form *khetabhuta* (semisolid, sticky substance) in which all the body parts are not manifested in spite of their presence in explicated or non-explicated form.



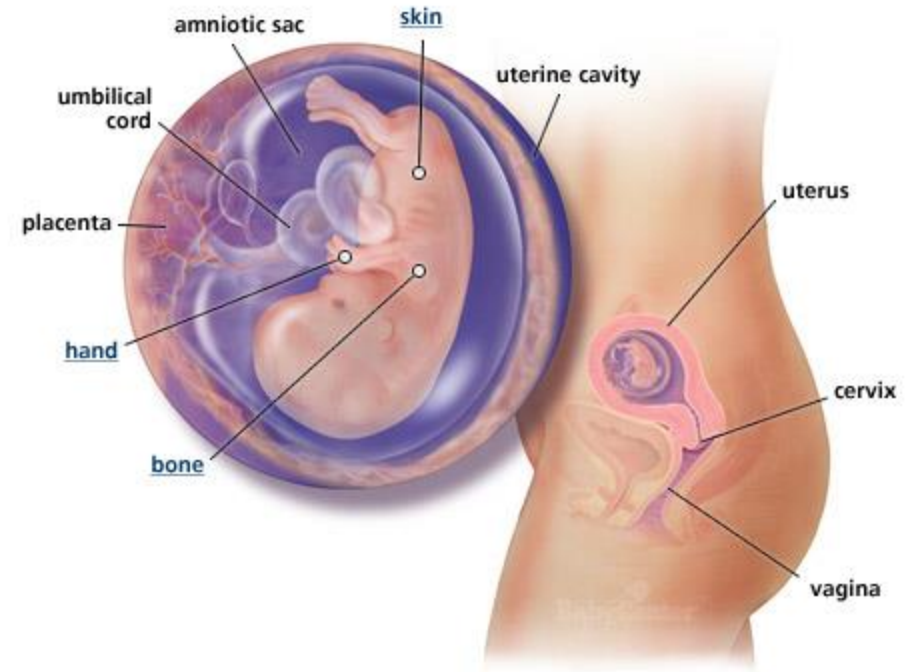
# Developments in second month.....

- द्वितीये मासि घनः सम्पद्यते पिण्डः पेश्यर्बुदं वा।  
तत्र घनः पुरुषः, पेशी स्त्री, अर्बुदं नपुंसकम्॥१०॥
  - During the second month of gestation, the embryo takes the form of solid mass. If it takes oval shape, then the born child would be a male, if it takes elongated shape, the female child will be born, and in the case of tumor shaped (round and elevated) mass, the hermaphrodite.



# Developments in third month.....

- तृतीये मासि सर्वेन्द्रियाणि  
सर्वाङ्गावयवाश्च  
यौगपद्येनाभिनिर्वर्तन्ते॥११॥
- In third month, all the sense organs along with all the body parts are manifested simultaneously.



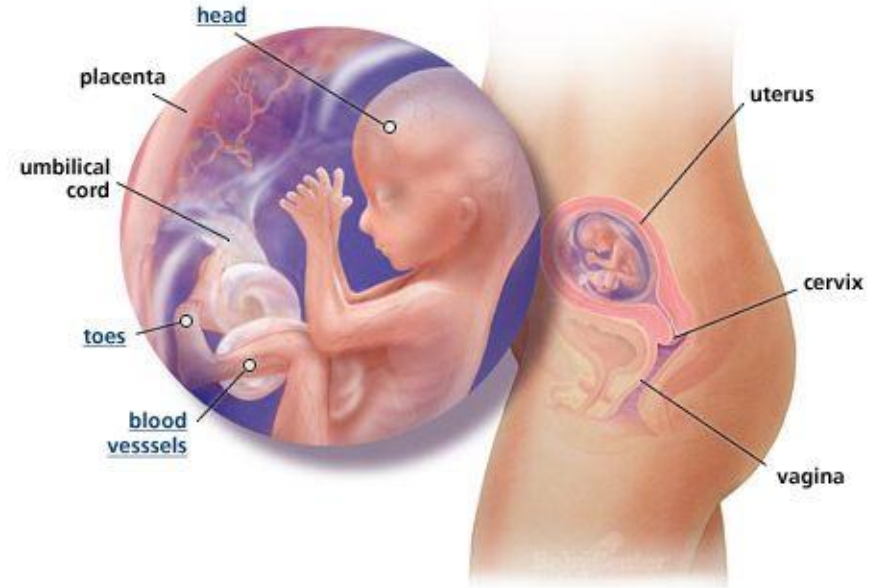
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# Developments in fourth month.....

- चतुर्थे मासि स्थिरत्वमापद्यते गर्भः,  
तस्मात्तदा गर्भिणी  
गुरुगात्रत्वमाधिकमापद्यते  
विशेषेण॥२०॥

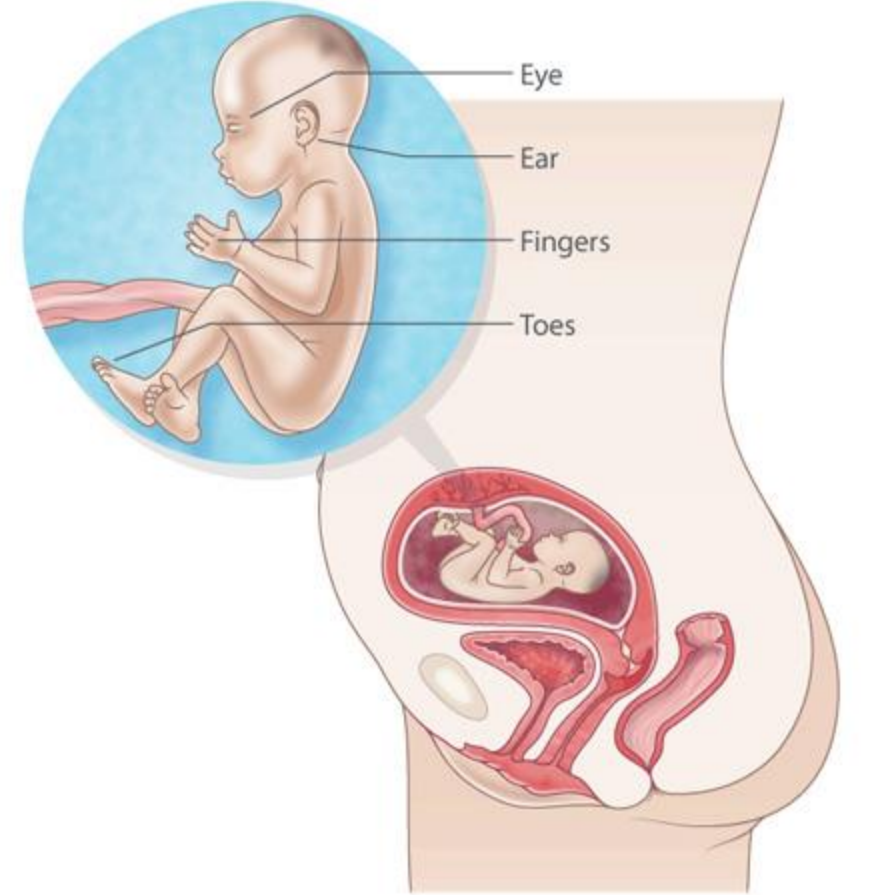
- During fourth month of gestation, the fetus attains stability due to which, the pregnant woman feels more heaviness in her body.



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# Developments in fifth month....

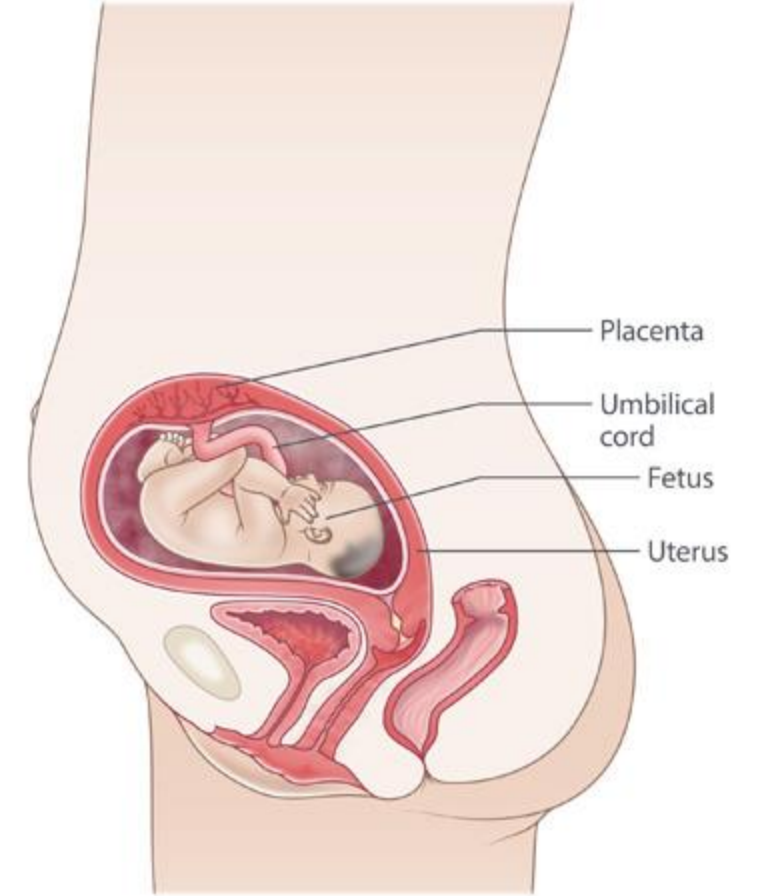
- पञ्चमे मासि गर्भस्य मांसशोणितोपचयो भवत्यधिकमन्येभ्यो मासेभ्यः, तस्मात्तदा गर्भिणी काश्यमापद्यते विशेषेण॥२१॥
- Due to increased anabolism of muscle tissue and blood of the fetus during the fifth month of gestation, the pregnant woman becomes emaciated.



# Developments in sixth month...

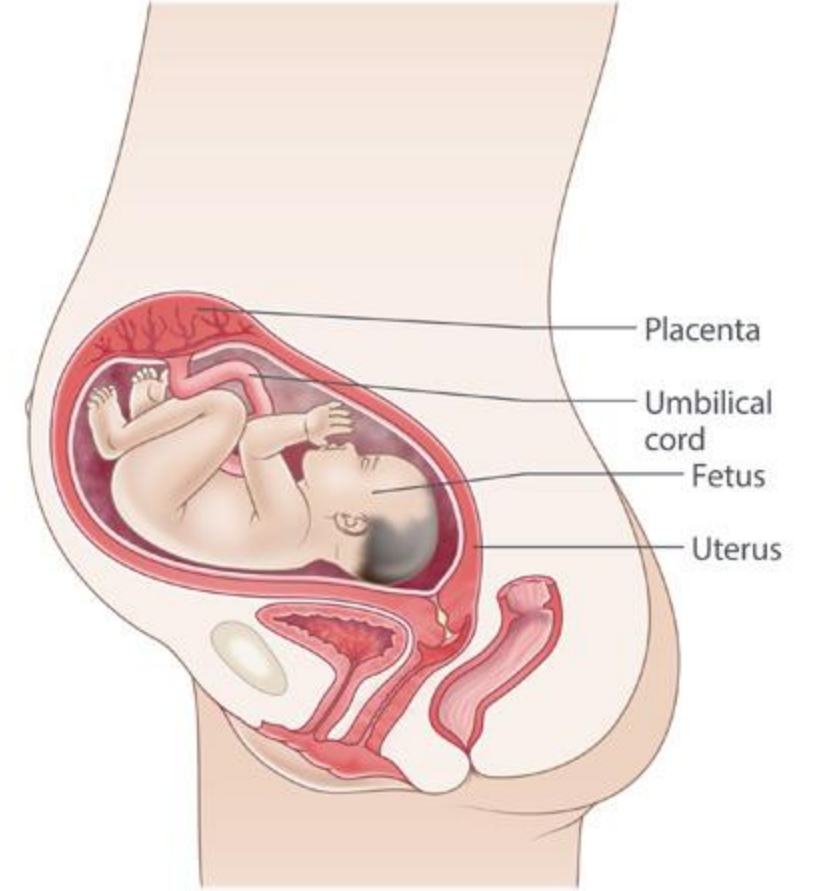
• षष्ठे मासि गर्भस्य बलवर्णोपचयो  
भवत्यधिकमन्येभ्यो मासेभ्यः, तस्मात्तदा  
गर्भिणी बलवर्णहानिमापद्यते  
विशेषेण॥२२॥

- During sixth month, fetus derives more strength and complexion, therefore the pregnant woman loses her strength and complexion significantly.



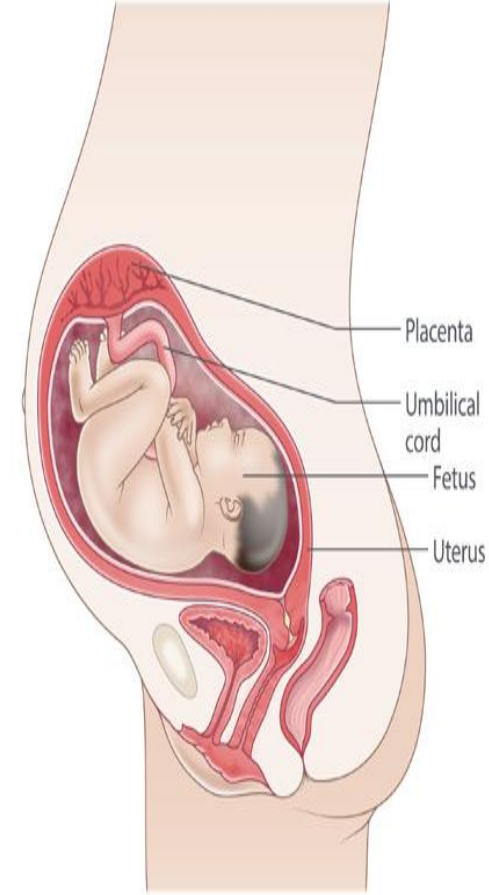
# Developments in seventh month.

- सप्तमे मासि गर्भः सर्वैर्भावैराप्याय्यते,  
तस्मात्तदा गर्भिणी सर्वाकारैः  
क्लान्ततमा भवति॥२३॥
- As during the seventh month of gestation the fetus attains over-all fulfillment of all elements. Therefore, a pregnant woman becomes excessively exhausted.



# Developments in eighth month.

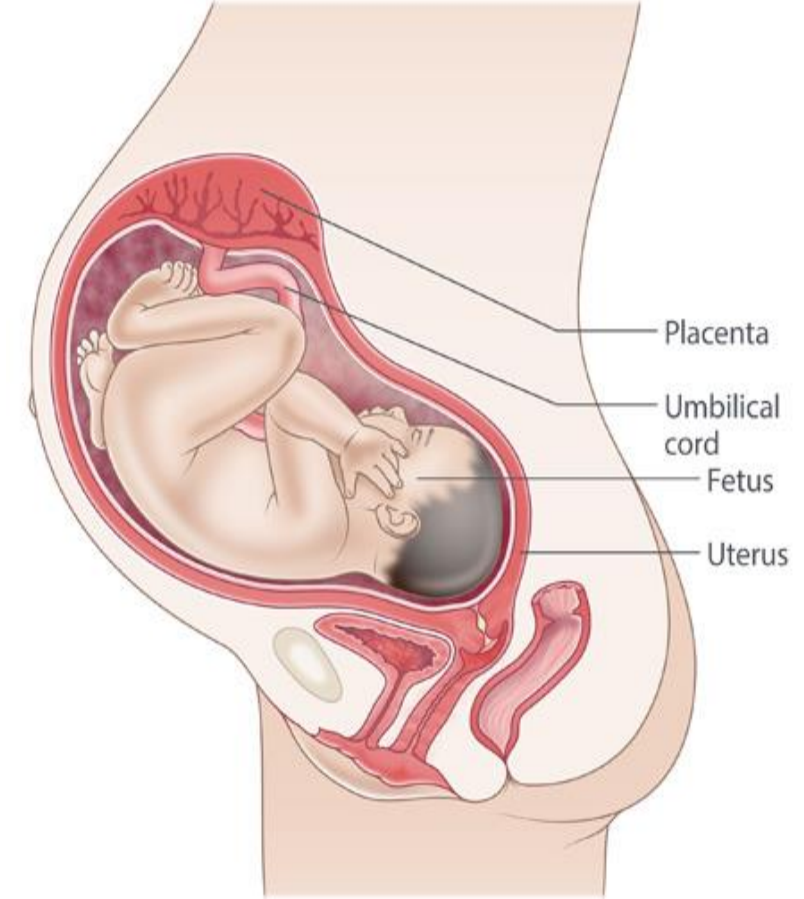
- अष्टमे मासि गर्भश्च मातृतो गर्भतश्च माता रसहारिणीभिः संवाहिनीभिर्मुहुर्मुहुरोजः परस्परत आददाते गर्भस्यासम्पूर्णत्वात् [३५] ।
- तस्मात्तदा गर्भिणीमुहुर्महुर्मुदा युक्ता भवति मुहुर्महश्च म्लाना, तथा गर्भः; तस्मात्तदा गर्भस्य जन्मव्यापत्तिमद्भवत्योजसोऽनवस्थितत्वात् ।
- तं चैवार्थमभिसमीक्ष्याष्टमं मासमगण्यमित्याचक्षते कुशलाः॥२४॥
- During the eighth month of gestation due to immaturity of the fetus, the *ojas* moves from the mother to fetus and from fetus to mother through the channels carrying *rasa* (nutritive fluid). As a result, at that time, the pregnant woman frequently becomes happy or dull (exhausted) parallel is the condition of the fetus. It is because of the instability of the *ojas*, the delivery of the fetus during this month is prone to danger. In view of this, experts do not consider this month fit for labor.



# Features of fully developed fetus and time of delivery....

- तस्मिन्नेकदिवसातिक्रान्तेऽपि नवमं मासमुपादाय प्रसवकालमित्याहुरादशमान्मासात्]
- एतावान् प्रसवकालः, वैकारिकमतः परं कुक्षाववस्थानं गर्भस्य॥२५॥

- Even the first day after this eighth month i.e. from the first day of the ninth month till the tenth month is known as the period of parturition. Normally delivery takes place during this period. After this period, if there is retention of fetus in the uterus, it is considered abnormal.

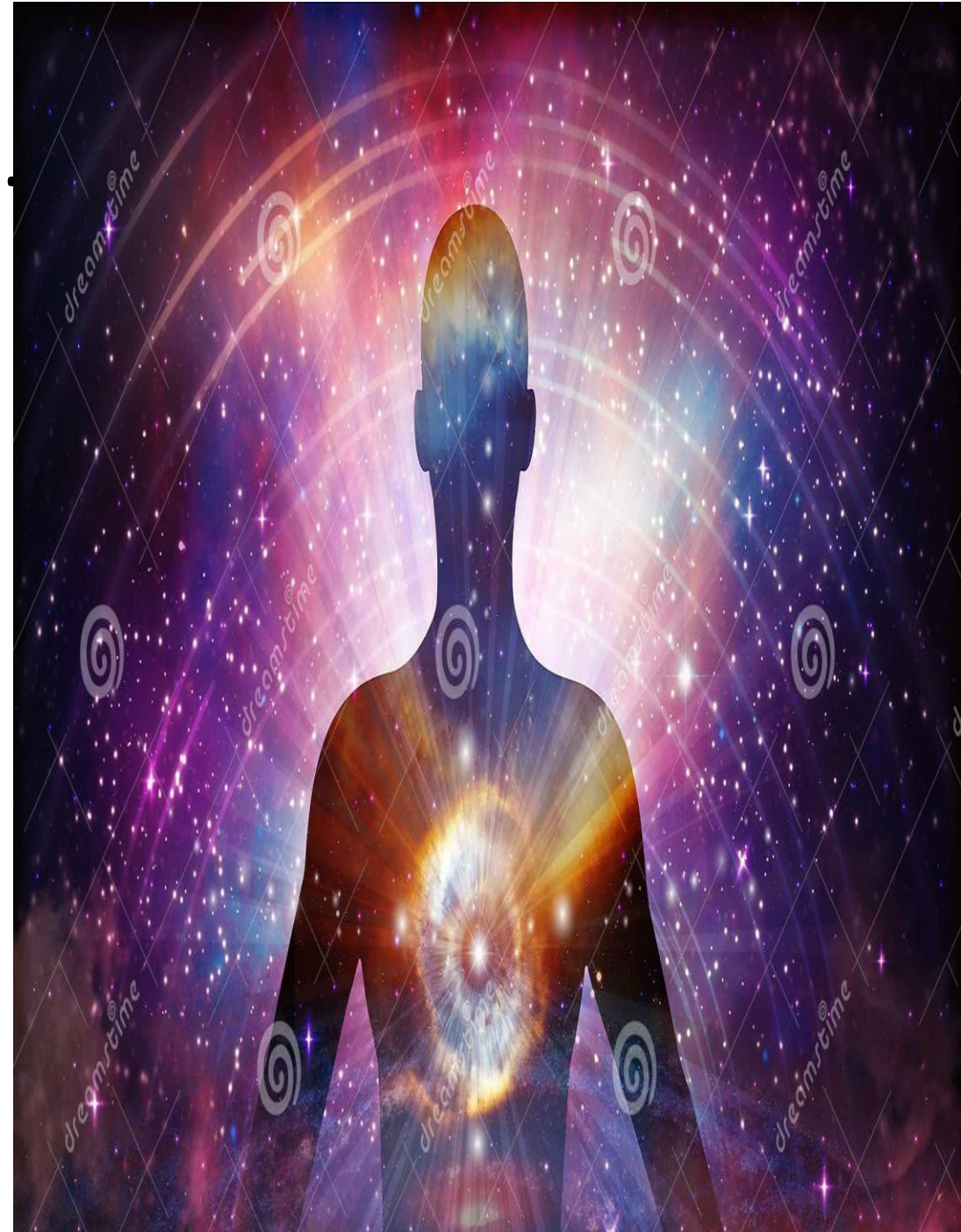




# Loka Purusha similarity.....

एवमयं लोकसम्मितः पुरुषः।यावन्तो हि लोके मूर्तिमन्तो  
भावविशेषास्तावन्तः पुरुषे, यावन्तः पुरुषे तावन्तो लोके  
इति; बुधास्त्वेवं द्रष्टुमिच्छन्ति॥ Cha. Sha. 3/13

- The individual is an embodiment of the universe. All the material and spiritual phenomena of the universe are present in the individual and vice versa. This is how the wise desires to perceive.



# Signs of Pregnancy.....

- तद्यथा- आर्तवादर्शनमास्यसंस्त्रवणमनन्नाभिलाषश्छर्दिररोचकोऽम्लकामता च विशेषेण श्रद्धाप्रणयनमुच्चावचेषु भावेषु गुरुगात्रत्वं चक्षुषोगर्लानिः स्तनयोः स्तन्यमोष्ठयोः स्तनमण्डलयोश्च काष्ण्यमत्यर्थं श्वयथुः पादयोरौषिल्लोमराज्युद्गमोयोन्याश्चाटालत्वमिति गर्भे पर्यागते रूपाणि भवन्ति॥१६॥
- Now I shall explain in brief the signs and symptoms that are indicative of pregnancy as well as the bi-cardiac condition. The knowledge of signs and symptoms facilitate the management of these conditions. Therefore, it is necessary to explain their signs and symptoms such as- amenorrhoea, excessive salivation, lack of desire to take food, vomiting, loss of appetite, liking for sour things, liking for all types of food- both wholesome and unwholesome, heaviness of the body, feeling of heaviness in the eyes, appearance of milk in breasts, appearance of excessive darkness in the lips and the areola of breasts, mild edema on feet, appearance of small hairs and dilatation of vagina.



# Harmful factors for pregnancy.....

- गर्भोपघातकरास्त्वमे भावा भवन्तिः; तद्यथासर्वमतिगुरुष्णतीक्ष्णं दारुणाश्च चेष्टाः;  
इमांश्चान्यानुपदिशन्ति वृद्धाः-देवतारक्षोऽनुचरपरिरक्षणार्थं न रक्तानि वासांसि बिभ्रयान्न मदकराणि  
मद्यान्यभ्यवहरेन्न यानमधिरोहेन्न मांसमश्नीयात्सर्वेन्द्रियप्रतिकूलांश्च भावान् दूरतः परिवर्जयेत्,  
यच्चान्यदपि किञ्चित् स्त्रियो विद्युः॥१८॥
- The following factors are harmful for the fetus for example-excessive use of heavy, hot and pungent substances, exertion activities, and others as instructed by elder persons. For the protection from the effect of gods, devils and their followers like she should not wear red apparel, she should not take intoxicating substances and wine, ride over rough riding vehicle, take meat and she should be far away from substances which are unwholesome to the senses and all other unwholesome substances should be avoided as advised by experienced ladies.

To be continued.....

