# Department :- Ayurved Samhita & Siddhant

Garbha and masanumasika garbha vruddhi krama with special refrence to chathurtha masa

गर्भ

शुक्राशोणितं गर्भाशयस्थं आत्म प्रकृति विकार सममूर्छितम गर्भा ईत्युचते॥ सु.शा ५/३

According to sushruta Samhita garbha is combination of shukra that is sperm, arthava that is ovum, aatma soul, prakruti 8 natures and vikara 16 effects featured in garbha.



#### शुक्राशोणित जीवसन्योगे तू खलु कुक्षिगते गर्भ सञ्ज्र भवति ॥ च.शा ४/५

According to charak the creation of garbha in garbhashaya by the permutation of shuddha shukra and artava with atma is known as garbha the process is known as garbhadharan.

गर्भास्तु खलवातारीक्ष वायवाग्नितोय भूमिविकारश्चेतनाधिस्तन भूत:| एवमन्य युक्ताया पंचमहाभूतविकर समुदायात्मको गर्भश्चेतना अधिष्तन्भुत स ह्यासा षष्ट धातुस्क्त:||

The other definition for garbha by charak Samhita is that the embryo inside uterus

## मासानुमासिक गर्भ वृद्धि क्रमा

### First month development

### प्रथम मासे- तत्र प्रथमे मासि कललं जायाते। सु.शा ३/१८

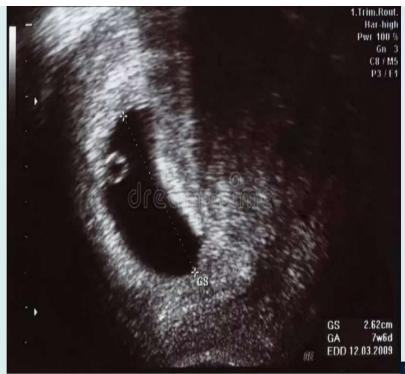
- It is formed as kalala[embryo]
- It appears like jelly 1<sup>st</sup> day in 7 days frothy ,within forthnight like bolus
- At the end it solidifies.

### According to other texts

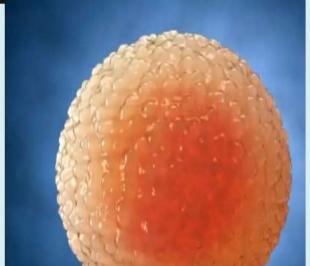
Become kalala in 7<sup>th</sup> day {AH.sha. 3/18}

### गभौपनिषद

- during ritu kala after conception ,the zygote/garbha appers as kalala in one night.
- in 7<sup>th</sup> day-appears as budbuda (visicle like sac)
- In 15<sup>th</sup> day-appears like pinda(soft spericle mass)
- In 1 month-become kathina(solidification)



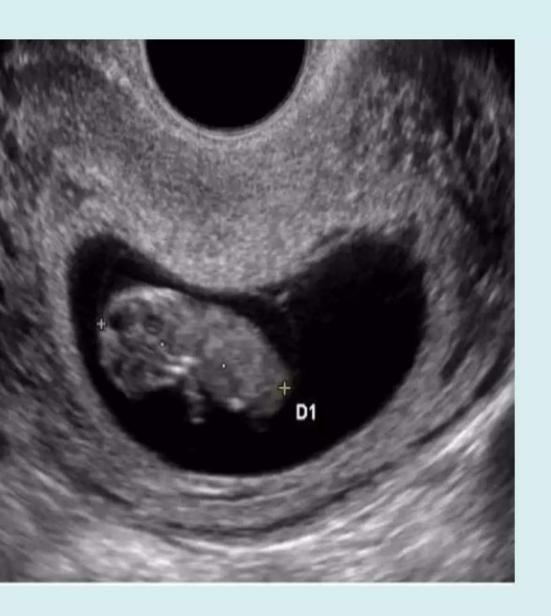




### Second month development

द्वितीये मासी– द्वितीये शीतोषमानीलैरभिप्रपचयमाननां महाभुतानां संघातो घनं सज्ञ्जयाते यदि पीण्डः पुमन स्त्री चेत पेशी,नपुंसकः चेदार्बुदमिति ॥ सु.शा ३/१८

- it is processed by tridosha like vata, pitta, kapha become solide mass of panchmahabhootawith atma
- If pinda shaped(spericle mass)-male
- If elongated like peshi(musle fibre)-female
- If arbuda(tumor like)-napumska
- च.शा ४/१० has explained the same
- AH.sha 1/49 and AS.sha 2/7 –ghana,peshi,arbuda-purusha,stri,napusanka
- गदर्भौपनिषद-shira is formed





### Third month development

### तृतिये मासि- तृतिये हस्तपादाशीरसां पांचिपण्डका निवर्तन्ते अङ प्रत्याङ्गा सुक्ष्मो भवति । सु.शा ३

- The foetus grow and develops into five buds of two arms, two legs and head
- All organs of body and subdivisions of organs are in minute and non visible form
- तृतिये मासि सर्वइंद्रियणी सर्वांगावायवश्च यौगपध्येनाभिनिवर्तन्ते। च
- All the major and minor parts appears simultaneously

Appearance of body hair according to chakrapani tika c.sha8/32

#### गर्भोपनिषद

Appearance of limbs

#### काश्यप

- Praspandana (pulsation )-च.शा ४/१५
- Chetana appears and feels pain.
- Also appearance of mana indriya
- AH.sha.1/54-55 5 body parts are manifested



### Fourth month development

चतुर्थे मासि-चतुर्थे सर्वङ्ग प्रत्याङ्ग विभागः प्रव्यक्तो भवति, गर्भ हृदय प्रव्यक्तिभावच्चेतनाधातूरभिव्यक्तो भवति, कस्मात्? तत्स्थानत्वात्। तस्माद् गर्भश्चातुर्थे मास्यभिप्रायमिंद्रियमेथेषु करोति, द्वीहृदयां च नारी दौहृदिनीमचक्षते। दौहृद्रविमाननात् कुब्जं कुणिं खंज जडं वामनां विकृताक्षमनक्षं वा नारि सूतं जनयति, तस्मात् सा यध्यदिच्छेततस्ये दापयेत्, लब्ददौहृदा हि विर्यवन्तं चिरायुषं च पुत्रं जनयति।। सु.शा ३/१८

- All the organs and their sub divisions become more visible
- Chetana dhatu get manifested due to foetal heart become more obvious
- Now foetus desires things to taste and smell

In this month heart is formed now mother posses two hearts

Desires of foetus are expressed through mother if they aren't full filled will lead to form deformities in baby

### चथुर्थे मासि स्थिरत्वमापद्यते गर्भ: च.शा ४/२०

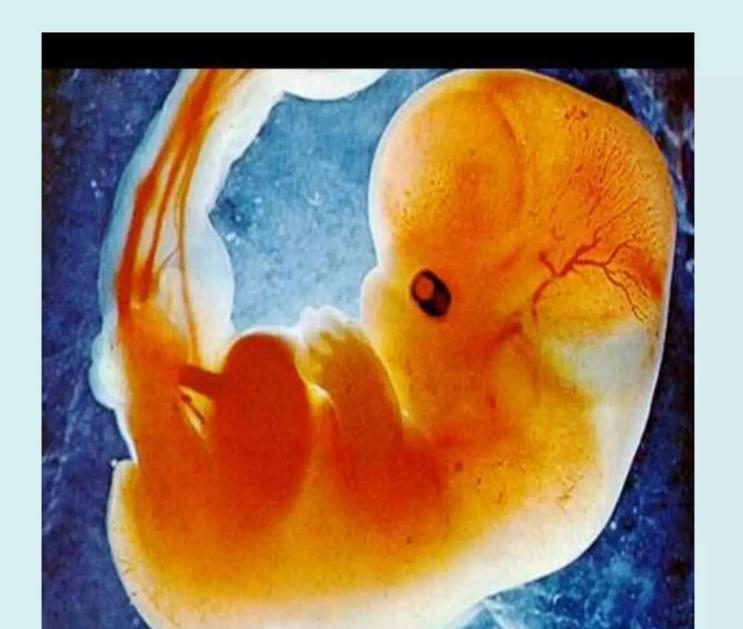
 The foetus get stabalized so the pregnant women get feeling of execess heaviness of the body

#### गर्भोपनिषद

Appearence of digits ,jathara,katipradesha

#### काश्यप

- Foetus get stability and become free from abnormilities so the pregnant women get feeling of excess heaviness of body
- All body parts are epressed AH.sha 1/57
- AS.sha.2/13- stable, organs and its parts fully developed



### Complications occurs in 4<sup>th</sup> month

- 4<sup>th</sup> month has given special importance because in this month foetus become stable if not it will lead to complications
- Charak, vagbhatta, bhela, sushrut achary's has explained about उपशुष्क/नागोदर, नाइगर्मश
- here in 4<sup>th</sup> month there will be no further development of foetus foetus remains inside womb for very long time like elephant's
- There will be no contraction and it is considerd as intra utrine foetal death
- This is due to aggravated vata leads to bleeding, with holding pitta and kapha leads compression of rasavaha nadi

### Fifth month development

पंचमे मासि-पंचामे मन: प्रतिबुद्धतरं भवति॥ सु.शा३ पंचमे मासि गर्भस्य मांसशोणितोपचयो भावत्यधिकमन्येभ्यो मासेभ्य:॥ च.शा ४/२१

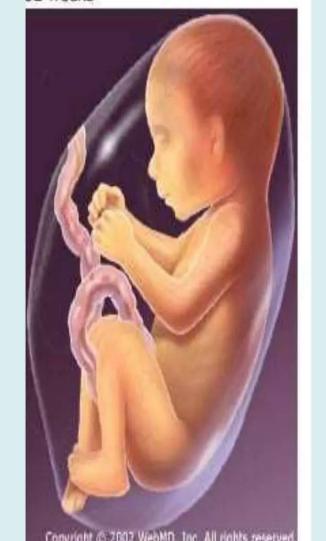
- In 5<sup>th</sup> month mind and wisdom become more noticeable and perception
- Excess increase of muscles, blood

#### गर्बीपनिषद

- Formation of pristavamsa(back bone)
- AH.sha.1/57-Chetana dhatu
- AS.sha.2/13- manifestation of mana, musle and blood mass increase



#### 32 weeks



### Sixth month development

### षष्टे मासि- षष्टे बुद्धि:|| सु.शा ३

• In sixth month wisdom perceivied

### बलवर्णीं जसांवृद्धिः षष्टे॥ का.शा २/७

• Increasein strength, complexion and ojas so mother get exhausted गर्भोपनिषद

- Ear,face-nose and its bone
- AH.1/57 ,AS.sha.2/13
- Formation of snayu, sira, roma
- Strength,complexion,nail-hair formed



### Seventh month development

### सप्तमे मासि- सप्तमे सर्वङ्गप्रत्यङ्गविभगः प्रव्यक्तरः । सु.शा ३/३०

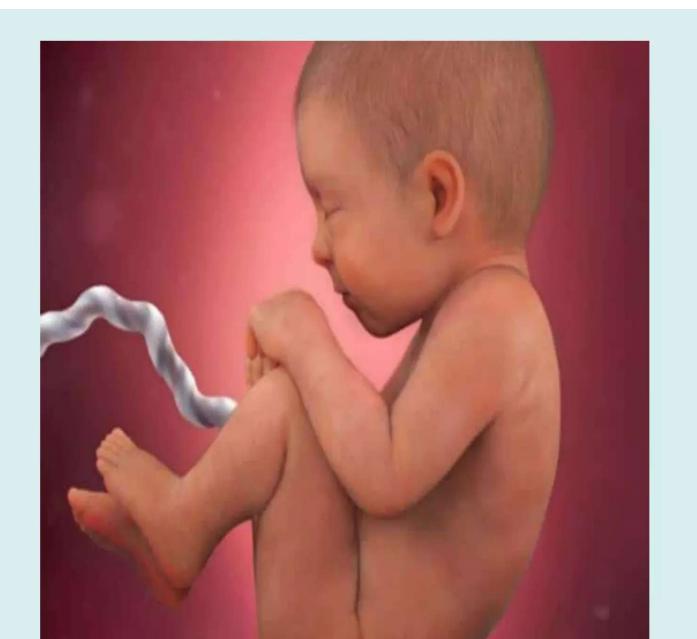
There is distinct development of all body Parts completely

### गर्भौपनिषद

During this moth the (jeevanna sangyukto bhabati) foetus become viable

#### AH.sha.1/50 and AS.sha.2/13

Full growth and development of fetus and well nourished too



### Eight month development

### अष्टमे मासि-अष्टमे अस्थिरीभवत्योज:,तत्र जातश्चेत्र जीवेत्रीरोजस्त्वाद नेरूऋतभागत्वाच्च ततो बलीं मांसौदनमास्मे दापयेत॥ सु.शा ३

- The ojas become unstedy .suppose the foetus born in this month does not survive
- Therfore, sacrifisial offerings of flesh and cooked rice should be offerd
- गर्भोपनिषद-complete development of foetus
- Charak, Kashyap astang hrudaya(sha.1/62-63)
- Due to immature foetus,oja move from mother to foetus and foetus to mother



### Ninth month development

### नवमे मासि- नवमदाशमैकादशद्वादशानामन्यतमस्मिञ्जयते,आतो अत्यंथा विकारी भवति ॥ सु.शा ३/१८

- Usually delivary occurs in 9<sup>th</sup> month if not 10<sup>th</sup>, 11thor 12<sup>th</sup> month if delivary occurs after more than 12<sup>th</sup> then it is considerd as abnormal
- AH.sha.2/30,AH.sha.1/66 same as sushruta
- Chakrapani tika C.sha.4/25-best period of labor is 9 to10th month in 11<sup>th</sup> and 12<sup>th</sup> month amount of abnormality is very less







### conclusion

- Various Acharyas had described about month wise development of fetus in ayurveda, explanation of Acharyas are not so clear to understand exact development of fetus from fertilization to parturation
- Some of the changes explained by Acharyas are found to be similar to that of modern science and some can be correlated with basic concept of knowledge
- There are still many points; those given by Acharyas, these are difficult to explain and correlates in term of modern applied science and need to undergo research for their actual explanations.

## Thank you...