‘IMPORTANT ASPECT OF AYURVED CHIKITSA: AUSHADHI SEVAN KAAL.’
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Abstract:
According to Ayurveda Bhaishajya kaal (time of drug administration) is an important principle to be considered while treating a disease. It is known as Chronotherapy in modern science. Medication is advised keeping with respect to circadian rhythm. According to Ayurved doshas have dominance according to the time of day. Kapha prominent in morning hours likewise its also prominent after meals. Pitta is dominant in afternoon timings and a hour after meals. Vata is prominent at the end of digestion and early morning. So, taking this in account we can easily counter the imbalanced doshas with medicine on their particular time along with anupana and pathyapathya. For successful treatment we need to take account of desh, kaal pramana, satyma and asatmya. Desh means the region where the patient resides and or his habitat. Kala is the time when the disease has been acquired. For e.g., patient with kapha pradhan prakriti staying in anupa desh and be more vulnerable to Kapha vyadhi. Chikitsa of such Patients we need to choose aushadhi kaal which will act on kapha dosha.

Key-words – Anupana, pramana, satyma, asatmya, Roga bala, Ritu

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How to cite this article: Tomar P. Important aspect of Ayurved Chikitsa: Aushadhi Sevan Kaal. Int J Ind Med 2022;3(7):1-6 http://doi.org/10.55552/IJIM.2022.3701
INTRODUCTION:
Ayurveda, the most ancient medical science, has given Trisutras, namely, Hetu (causative factor), Linga (signs and symptoms), and Aushadhi (treatment). Our Science has always believed that there will be rhythmic changes in the predominance of bodily doshas with time. Hence when a medicine is given it is equally important to take into consideration Vaya, Agni Bala, Rogi bala, Roga bala, Ritu etc. Bhaishajya kala are the essential tools for administration.

The time of administration of medicine is equally important as the timed dosage is surely going to work on the vitiated doshas and restore their normal balance. The relation between Kaal and Aushada is well established in our classics by all the Acharyas. Acharya Sushrut has elaborately described the different timings of aushadhi sevan kaal. While Sharangdhar describes five aushadhi sevan kaal. The relation has been dosha, rog and rugna is neglected nowadays, especially while administering medicine. Such negligence may be one of the therapy, as the Aushadha Dravya fails to show its complete effect. In Ayurveda Bhaishajya Kaal are described in relation to food, they are meant mainly Shamana Chikitsa while some kaal are prescribed for Shodhan chikitsa like for eg Vaman or Virechan karma. The root of administration of medicine in all kala is oral. The pharmaco-kinetics and pharmaco-dynamics of Ayurvedic medication is directly affected by biological activities of the body. The effectiveness of many drugs depends on the dosage, Anupana and the timing of administration in Ayurveda it has mentioned that predictable variations in bodily functions during day, season and age alters the severity of disease symptoms, results of diagnostic test and effects of other therapies. Different Aushada sevana kalas are mentioned by different Acharyas which are highlighted below Charaka, Sushruta, Ashtang ,hirdayam, Sharangadhar, Ashtang sangraha . In ayurveda there are various times mentioned for taking medicines.

There are 10 specific time durations that are indicated for medicinal intake according to Acharaya Charak and Susruta.(1)

1. **Abhakta** (Before meals just after rising up in the morning)
2. **Pragbhakta** (Just before taking the meals)
3. **Adhobhakta** (Just after the meals)
4. **Madhayabhakta** (In between the meals)
5. **Antrabhakta** (Between two meals)
6. **Sabhakta** (with meals / cooked with needs)
7. **Samudga** (between laghu diet and meals)
8. **Muhurmuha** (with or without meals and given frequently)
9. **Sagrasa** (mixed with meals)
10. **Grasantar** (between two gulps of meals)
11. **Naish** (just before sleep or going to bed).

Following are the main times described for medicine intake.

TIME FOR TAKING MEDICINE:
All these time durations are related with the disease specific way of taking meals because the medicaments at the time of Charka and others were much dependent upon meals. As the processing of medicine advanced at the time of sharangdhar the *aushdhai sevan kaal* (medicine intake time) was reduced from 10 times into 5times, which are as follows:

1. **First Aushadhi Sevan Kaal**
   In the early morning (empty stomach when the previous night consumed food is digested ) especially in Panchkaram patients medicine for Virechan karma medicine for pitta
elimination is given in the morning likewise for vaman it is given in morning for *kapha* elimination Patients desiring weight loss are also given medicine at this time (2)

2. Second *Aushadhi sevan kaal*
Aushadi sevan kaal before meals. For patients who are having *apana vayu, vikruti* medicine is given before meals. *Aruchi* patients are also given medicine during this time. Saman vayu vikruti medicine is given in between the meal to boost digestion. *Vyan vayu* prakopa medicine is given at the end of the meal. Patients suffering from Hicca, Convulsions, and tremors are given medicine before the food and after the food (3)

3. Third *Aushadhi sevan kaal*
*Udan vayu* dusti gives rise to Swarbhang like vyadhis. In such diseases medicine is given in evening during the time of meal or in between two boluses of food, but in *Pran vayu* dusti medicine is given after the meals in the evening. (4)

4. Fourth *Aushadhi sevan kaal*
Frequent and continuous as in an emergency. Usually, medicine is given along with some food. For eg *Trushna, Chhardi, Hicough Swas*, and in certain toxicity this kaal is prescribed. (5)

5. Fifth *Aushadhi sevan kaal*
At bed times before sleep. Disease above the shoulder region like that of the eyes, nose, ear, and throat are given medicine in this kaal. Medicine is administrated without food. It does bruhan and *lekhan* depending upon the nature of medicine. Medicine can do pachan and shaman if given in this kaal. (6)

This is because of the medicament at times of Susruta & Charka are much dependent upon food / diet. A proper plan of diet plays an important role in treatment of disease. Nidanparivarajana is first step in treatment of any disease. But a major point to be kept in consideration is that the times of medicinal intake by Acharaya Susruta are disease-specific and can be very much useful in supplementary diet therapy for a variety of symptoms. As we will see that for different diseases different medication times is stated along with the way of taking it with meals. (7), (8)

1) **Abhakta**: (Early morning empty stomach often after awaking)
All the *kashaya* Category medicine (containing *Kashaya Rasa*) must be taken at this time, for diseases due to elevated pitta & kapha dosha, They are heavy and need strong Agni to digest them *Lekhanarthra* (scraping) and Utklihsa Kapha Pitta ,Kapha Udreka Avastha Gata Kaal for Vaman (Emesis) and Virechan karma purpose this time is most suitable. Amashaya gat kaphaktleshka can be treated if medicine given at this time. Lekhan karma can be best achieved if medicine administrated this kaal. (9)
But as far as children, females, old aged ones, and weak patients are concerned medicine administration should be given with caution as strong medicine can cause weakness and dizziness

2) **Pragbhakta** (medicines taken just before meals)
Aushadhi sevan kaal Administration kaal Indications *Pragbhakta* before meals - *Apana Vata Vikruti* Gudagata (situated in anus) Vata, Aged, children, Bhiru (panic), Krishanga (emaciated), weak - For strengthening lower part of the body, diseases of lower half of the body - *Obesity* Medicine taken in *pragbhakta kaal*, it become quickly digested, does not harm the strength of the body, hence medicine should be given before food for the aged, children, fearful, emaciated and women. It destroys the Doshas situated in *Amashaya* (stomach). Medicine given at this time easily gets absorbed as it gets digested along with food. Patients having a desire for weight gain can take medicine at this kaal. A
general tip for digestion is *pragbhakta* medication by taking salt and ginger pieces before meals.

3) **Adhobhakta**: (Just after meals)
Medicines taken just after meals are known to be *adhobhakta*. All the medicines taken Adhobhakta are tend to increase obesity. Generally, *adhobhakta* medication is meant in *Kaphaja Vyadhi* (diseases due to vitiated kapha). In *Vyan Vayu Vikaruti* medicine should be given after lunch (For disease due to *Vyanvaya* i.e. Upper Respiratory Tract related complications/symptoms) *Adhobhakta* medication is useful. in the same manner in Udan Vaya Vikaruti medicine to be given after dinner in the evening time it means medication after meals at morning and evening or lunch & dinner respectively for *Vyan* and *udan vayu dusti*. Patients having desire for weight gain can take medicine at this kaal

4) **Mhadhaybhakta**: (Medicines that are taken after half of the meal and than the rest meals are taken).
This specific medication time is set for medicines used in saman vayu vikaar (diseases due to saman Vayu or complete general patho-physiological signs & symptoms). This medication is useful in treating Kosshthagat doshas and pitta vikara (diseases due to pitta/bile).

5) **Antrabhakta**: (Medicines taken in between two meals / or after digestion of meal).
Such medication time is after 4 to six hour of meals as the meals are digested and then medicine is taken. These types of medicines are deepan (Appetizer) and *pathya* (digestive). Also useful in *Vyan vayu vikars*. Medicine can be safely administrated to Old people, weak people and small children

6) **Sabhkta**: Medicine given mixed or cooked with meals
If medicines are added with the cooked food then it is called sabhakta. This is used to give medicine to children, females and those who hate to take medicines. The yavagu, vilepi and other diet preparations are good example of this type of medicine. Medicine given at this time works on whole body. They act hrudya, deepan and increase manobala

7) **Samudoga**: 
The medicine that is taken between laghu diet. After taking a brunch the medicine is given and then full diet is taken. This type of medicine practice is useful in convulsions, tremors,:Hiccough and other related sign symptoms.

8) **Muhurmuha**: (Repetitive dosage of medicine along with food or without food)
As in medical emergencies frequent medication is done. In the same way in asthmatic conditions, poisoning, vomiting, thirst and bronchial aggression repetitive medication is indicated in ayurveda text as *muhurmuha*.

9) **Sagraasa**: Medicine to be taken with each bolus of food
Any medicine when taken with one and more gulps of food is called sagraas. This medication is useful in diseases related with *pran vayu* and *agni dusti*. Upper Respiratory Tract & thoracic Cavity complications can be given medicines at this kaal. Appetizers, Aphrodisiacs, are taken in the above manner. Very effective in weak agni. *Churna*, *Vati* and *leha* can be given in this kaal.

10) **Grasantar**: Medicine to be taken in between two bolus of food.
This medication idea is very much useful in Cardiac diseases and Asthmatic conditions. The *avaleha* used in *swasa* (Asthma) are best useful when taken in this manner.

11) **Naish** : (Medications to be taken in might).
Vagbhata described this medication time. All those medicines taken before going to bed
are called Naish. Nishi: Synonyms Swapnakale, Ratri. Aushadh sevan kaal Administration time Indications Nishi at night or at the time of sleep Urdhwajatrugata Vikara (diseases above the neck) Aushadha should be administered at the time of sleep. According to Ayurveda one should go to sleep after the digestion of the evening food. Hence medicine should be administered after the digestion of evening food. Thus, this becomes second Antara Bhakta according to Indu, and it is indicated in Urdhwa Jatru Gata Vikaras. Urdhwajatru is the site of Prana Vata. Thus, medicine administered in this Kaal acts over Prana Vata.

**DISCUSSION:**
Acharya Vagabhat and Acharya Sushrut have described at length the aushadhi sevan kaal. Acharya Sushrut has described the timings and properties of each aushadhi sevan kaal. To be more precise has mentioned the types of vata also which can be treated when medicine given at that time. In Sharangdhar Samhita the 10 timings of aushadhi sevan kaal where consolidated to five. More emphasis is given to the disease in sharangdhar Samhita as compare to Sushrut Samhita where more importance is given to dust dosha. For eg drug sitophaladi churna can be given at Naish kaal for urdhvagat rogas whereas if given after meals can aid pachan of doshas.

**CONCLUSION:**
Great importance has been granted in the academic study of chronotropy. Proper and perfect diagnosis of dosha and dusit dhatu and the use of proper time selection for the administration of medicine can give success to a great extent. It's a subject of research. Ayurved therapy is much more oriented on the time of administration of the drug. Different administration gives different results with the same medicine.

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Source of Support : None declared
Conflict of interest : Nil

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