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Exploration of Basic Concepts of the Ayurvedic Dietetic

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Abstract

Acharyas had described that *Ahara* (food), *Nidra* (sleep) and Brahmacarya (celibacy) are Triupstambha (three sub pillars), which support the body itself. Here food has been placed first which represents its utmost importance to maintain and sustain life so, there is brief description in all Ayurvedic text regarding the do's and don'ts. The science of applying knowledge in food and nutrition for improving and maintaining good health is called as Dietetics. Now a day several diseases are not due to the intake of unhealthy food but it was due to the improper dietary habit, so it is important to knows the proper ways to avoid several complications so this study is done to explore the basic concept of the Ayurvedic Dietetic. For this, the data has been collected and reviewed from Charak Samhita and Sushrut Samhita and other validated textbooks and publication in international journals. Through this review found precious concepts about dietetic like Prakruti(constitution of body), quantity of food intake, discipline of eating (Ahara Vidhi Visheshayatan.), Principle of *Pathyapathya* (wholesome and unwholesome diet) for normal and diseased person. Viruddha Ahara (incompatible diet), seasonal food which have effect on digestion so following these concepts is effective in maintenance of health as well as in the curative aspect for many diseases.

Keywords: Ahar, Ahar vidhivisheshayatan, Ayurvedic dietetic, Pathyapathya, Viruddha Ahara

Introduction

Acharyas had described that *Ahara* (food), *Nidra* (sleep) and Brahmacarya (celibacy) are Triupstambha (three sub pillars),^[1] which support the body itself. Here food has been placed first which represents its utmost importance to maintain and sustain life. The science of applying knowledge in food and nutrition for improving and maintaining good health is called as Dietetics. and as it is consider as the basis of life there is brief description in all Ayurvedic text regarding intake of food. As primary aim of Ayurveda belongs to maintain the health of an individual [2] there is detailed information regarding food intake as per constitution of the body, seasonal food, quantity and quality of food, guidelines of intake of food, wholesome and unwholesome diet and incompatible diet. After following all these precautions, if some pathology still occurs, here is the second aim of Ayurveda works, that is to treating the diseased person, in this

treatment also food plays very role as wholesome and unwholesome diet as per diseased and *Aharkalpana* as per the procedure. Therefore, to fulfil both the aim of the Ayurveda food is the important factor. All of above concepts of food have very much importance in these days, as in present condition several diseases are not due to the intake of unhealthy food but it was due to the improper dietary habit, so it is important to knows the proper ways to avoid several complications. By this study,we can avoid the complication by improving the dietary habit

Aim: To explore the basic concept of the Ayurvedic Dietetic and its importance in modern society

Methodology: The data has been collected and reviewed from Charak Samhita and Ashtang Hrudaya, other validated textbooks and publication in international journals.

Observation

Information about intake of food are scattered in the Samhitas this can be studied in two way as a preventive and as acurative aspect. As per the body is concern first part which should first consider is *Prakruti* of the person. *Prakriti* is determined at the time of fertilization due to the predominance or increased status of *Dosha* so as per the food is concerned it is also different in different *Prakruti* as per predominance of *Doshas*.

Table no 1 – correlation between *Prakruti* and elements of food for suppression of *Doshas*

Prakruti	Vata	Pitta	Kaph
Elements			
of food			
Ras ^[3]	Madhura (Sweet), Amla	Madhura	Tikta (Bitter),
	(Sour), Lavana (Salt)	(Sweet), Tikta	Katu (Pungent),
		(Bitter), Kasaya	Kasaya
		(Astringent)	(Astringent)
		rasa (taste).	rasa (taste).
Virya [4]	Ushna veerya	Sheeta veerya	Ushna veerya
Vipak ^[5]	Madhur vipaka	Madhura	Katu vipaka
		vipaka	

Gun ^[6]	Snigdha(Unctuas),	Ruksha (not	laghu (light),
	Guru(Heavy),	unctuous),	ushna (hot and
	Ushna(Warm)etc	Sheeta (Cold),	worm food),
		food guru	Dry

Quantity of the food

This is also a important factor mentioned in *Smahita*, exact what quantity should be taken by person. Acharyas divided belly into three part, one for solid food item, one for liquid and one for *Vat*, *Pitta*, *Kapha*. There is again two types appropriate^[7] and inappropriate^[8] as per the quantity of the food.

Table no 2 – Quantity of food and its signs

Quantity	Signs
Appropriate	No obstruction in heart, no pian in
	side, no excessive heaviness in
	abdomen, saturation of sense organs,
	cessation of hunger and thirst, ease in
	standing, sitting, lying down,
	movement, inspiration, expiration,
	laughing and gossiping, easy
	digestion, promotion of strength,
	complexion and development
Inappropriate	Vat- colic pain, hardness in belly,
	bodu- ache, dryness of mouthy,
	giddiness, irregularity of digestion,
	stiffness in side, back and waist
	constriction and spasm in bold
	vessels.
	Pitta- fever, diarrhoea, internal heat,
	thirst, nacrosis, giddiness and
	delirium,
	Kapha- vomiting, anorexia,
	indigestion, fever with cold, lassitude
	and heavinessin the body

Discipline of eating

Eightfactors should be considered before taking food:1. Prakriti (nature), 2. Karana (processing), 3. Samyoga (combination), 4. Rashi (quantity), 5. Desha (place),6. Kala (time), 7. Upyoga- sansatha (rules for use), 8. Upyokta (consumer)^[9]

Table no 3 – Factors of discipline eating and its principles

	Factors		Principles
1.	Nature	:	Natural existence properties

2.	Processing	:	Refinement of the natural product through water, fire, cleansing, churning, place, time, infusing, steeping, duration, utensil
3.	Combination	:	Aggregation of two or more substance
4.	Quantity	•	Sarvgrah (total count)- theaccounting of the quantity of the entire food in totality Parigrah (individual account)- individual items in food
5.	Place		Related to growth, distribution and also the suitability in respect of place
6.	Time	••	Eternally moving time related to seasonal and conditional time related to diseases
7.	rules for use	:	Depends on digested food
8.	Consumer	:	Who consume the food

The above proscribed method of dieting for the healthy and sick who take wholesome food timely and usually, one should eat warm unctuous, in proper quantity, after the previous food is digested, non antagonistic, in favorableplace, with all the favorable accessories, not too fast, not too slow, not while talking or laughing and with full concentration after due consideration to the self. [10]

Wholesome and Unwholesome Diet

Pathya(wholesome) and *Apathya* (unwholesome) are defined as the substance or regime which do not adversely affect the body and mind are regarded as *Pathya* (wholesome); those which adversely affect them are considered to be *Apathya* (unwholesome). *Charak* had stated that wholesome food is one of the causes for the growth and wellbeing of humans while unwholesome food is the root of all disease. Charaka enlist product which are beneficial and non beneficial the human body [11]

Table no 4– Indicated and contraindicated food in day to day life

Indicated food	Contraindicated food	
Sastika shali (rice)	Milk products	
Mudga (pulse)	Dried meat	
Saindhav (rock salt)	Dried vegetables	
Amalak	Pork	
Yava (barlely)	Beef	
Milk	Buffalow meat	
Ghee	Fish	
Honey	Curd	

Rain water	Black gram

Viruddha Ahara (incompatible diet)

The substance, which are contradictory to *Dehdhatu*, behave like antagonist to them, this antagonism may be in terms of properties, combination, processing, place, time, dose or natural composition. Charak enlist the serval examples to explain the incompatible diet with their effect. Cilacima Fish with milk cause great obstruction of channels, Meat of domestic, marshy and aquatic animals with honey, sesamum, jiggery, milk, black gram, radish, lotus stalk or germinated grains causes deafness, blindness, tremors, coldness, indistinct voice, or death. The protherb of *Puskara* or *Rohini* of meat of pigeon fried with mustered oil mixed with honey or milk causes obstruction in bold circulation, atherosclerosis, epilepsy or death. After eating radish, garlic, Shigru, Tulasi one should not take milk because of the risk of leprosy. Protherb of Jatuka or ripe not be taken with honey or milk, it may cause death, loss of strength, lustre and impotency. Ripe of *Nikuca* not with black gram, pulse, jiggery and ghee and all sour liquid and non-liquid with milk, they all are antagonistic. Kangu, Vanaka, Makusthaka, Kulattha, black gram, Nispva are antagonistic to milk. Upodika with sesamum pest cause diarrhoea. Meat of peacock attached to the stick of *Errand*, cooked in fire with castor wood fuel and mixed with castor oil causes instantaneous death. Pipali with fish cooking media and Kaakmacjhi with honey causes death. Hot honey, honey and ghee in equal quantity, honey and rain water in equal quantity all cause death.Hot water after taking Bhallataka, Kampallik cooked with buttermilk, Kakamachi and Bhasa roasted on iron rod all are antagonistic. [12]

Anatagonistic food is the cause of impotency, blindness, erysipelas. Ascots, pustules, insanity, fistula- in – ano, fainting, nacrosis, tympanitis, spasm in throat, anemia, *Amavish*, leucoderma, leprosy, *Grahani*, oedema, acid gastritis, fever, rhinitis, genetic disorders [13]

Diet leads to promotion of strength and complexion only if he knows the whowsomeness according to seasons depend upon diet. According to the movement of the sun two parts are their i.e. *Adana* and *Visrga*^{-[14]}Their is predominance of *Saumya Guna* in *Visarga kala* and *Agneya Guna* in *Adan kala* [thusthe sun, wind and the moon are responsible for appearance time, season, *Rasa*, *Dosha* and bodily strength according to the nature. [15]

Table no 5 – Season and its relation with food

Season	Parts	Taste	Type of food
Adana	Vasant ^[16]	Amla (sour),	Barley and wheat, meat
		madhur(sweet) avoid	of Sarabha (wapiti),
			Sasa (Rabit),
			Ena(antelope), Lava
			(common quail),
			Kapinjala (grey
			partridge), harmless
			vinegars and wine
	Grishma ^[17]	Sweet, Snigdha (fatty)	Cold and sweet
		and Shit (cool) food	Manth(unctuous drink),
		should taken	meat of wild animal and
		sour, Lavan (salty)	birds, Ghee and milk
		and atu (pungent)	along with rice. Wine in
		food avoid	little quantity of with
			plenty of water
	Varsha ^[18]	Sour, salty, and fatty	Avoid cold drink. River
		food	water, old barley, wheat
			and ricealong with wild
			meat and prepared
			soupswine and other
			type of fermented liquor
			mixed with
			honeyboliled and cooed
			water from well or tank
			or rain water
Visarga	Sharad	Sweet,	Laghu (light), cool,
	[19]	bitter <i>Ras</i> Pradhan	Pittanashan, meat of
			Lava(common quail),
			Kapinjala(grey
			partridge), Ena (
			antelope), Urbhra
			(sheep), Sarabha
			(wapiti), rabbit , rice,
			barley and wheat, avoid
			fat, oil, meat of aquatic

		and marshy animals,
		alkali, curd. and
		Hamsodak
Hemant	sour, fatty and	Meat of fatty aquatic
[20]	saltyRas,	and marshy animals
		meat of burrow -
		dwelling and Prasaha,
		wine and vinegar with
		honey, milk product,
		cane sugar, fats, oil,
		new rice, hot water,
		fermented Laghu and
		vatincreasing and light
		food is avoided
Shishir ^[21]	pungent, bitter, and	Same as Hemantvat
	Kashay (astringent)	vardhak and LaghuGun
	Ras,	food

Discussion

Food and drinks with desirable smell taste and touch and have been taken according to the prescribed method is said as vital strength by expert based on observation of their results. [22]So it is very important to study the structure related to the Annahava sttrotas and the products, which have interference with the digestive system. Amashaya and the Annavahini Dhamini are the Moolsthan of the Annavah Strotas here Amashaya is related to the stomach and Annavahi Dhamini related to the oesophagus and small intestine, [23] Pakwahsya also plays an importantfunction as it the suite of Pittadhara kalaand Purishdhara kala here Pakwashaya is related to the large intestine^[24]. Even after normal structure of all this all thesethere are several problem related to the digestion due to the non-exploration of this basic fundaments of Ayurvedic dietetics.

Prakruti is depend upon the fundamental constitution of the body and nature of food is also depend on it, nature of the food should always conflict to the nature of the Doshas. Like in Vataj Prakruti the qualities of Vata Doshas i.e Ruksha, Laghu, Shit, Khar, Chala, and Kshushma. so in food the qualities which are conflict to these qualities are used, like in Madhur, Amla and

well as preventive aspect. Concept of these diet is two directional, if one is beneficial to some diseases, it may contraindicate to other. Like sweet and fatty food is indicated in thin person or to the *Vat Doshas* whereas same food is contraindicated to obese person or in Kaphas Doshas. [27] so each food has its two directional views as per their suppressive and expressive nature. Therefore, it is important to analyse eachproduct, which are taken

to the consumer who are taking part in assimilation so he

is the utmost elements in the dietetics.

The concept of incompatible diet is also depend upon the combination of the product. Due to the mixture, the formed product has property very different to that of the single one, like milk and fish both are useful to body when they used separately. However, when they are used in combination the nature of this formed product is sweet in taste, Vipak is also sweet, and become a great obstructer for the channels due to antagonistic property of Virya, as milk is of *Shitvirya* and fish is of *Ushna*^[13].

Season is also have an influence on the diet of an individual. The movement of the sun changes the nature of the season, as it moves towards the north produces roughness in ShisiraVasnataa and Grishma and by moving toward south, it cooled down by heavenly waters. It also affect the nature of the *Doshas* as environment changes from Ruksha rasa to Aruksha rasa. So the accumulation, vitiation and pacification of Pitta, Kapha and *Vata* occurs in seasons of rain respectively [28] so the food is also according to the presence of Doshas and nature.

Above all discussion it can clearly state that there are only two points which can be consider while taking the food is the user and the basic constitution of the consumer. Any food, which have been taken, shows their effect by two ways first by potential andsecond by qualities present in

LavanRasa are used in Vata Prakruti because Snigdha, Shit, and Guru qualities in Madhur, Snighdha, Ushna, Laghu qualities in Amla Rasa, Snighdha, Ushna, Guru qualities in Vat Doshas which are opposite to that of Vata Doshas, [25]. Similarly, Ushna Virva food is and Madhur vipak food used in Vat Prakruti. These kind of food used in maintenance of *Doshas*ae per the *Samanya Vishese Sidhanta* present in the body.

After the quality of food quantity of food also one of the component which hamper the digestion process, as per Ayurveda belly is divide in to three parts for proper transmission of the Vata, Pitta and Kapha in the stomach, as per this transmission the food is divided in to appropriate and inappropriate diet. Appropriate diet leads promotion strength, of complexion and development^[8]whereas inappropriate diet into several diseases.[9]

Discipline of the diet is the main component of the ayurvedic dietetic in which nature is the existing property of the food related with the Ras, Virya and Vipak. Inprocessing of the food, it changes its quality and make it suitable to the individual. Combination is also the most essential element, which is to be considered while taking the food as the food changes its character and which may be fatal some time [26]. Quantity of food includes total count in which all type of constituent of food is present where as in individual count single constituent of food is present. Place, which is mentioned here in two way first related to the food where it grows and distributed and second related to place of the individual where he lives. Time is also an important factor, which should take in consideration while taking the food; here it is again divided in to two-circumstance Nityaga related season and Avasthik related to the diseases. In both of these condition assimilation of food is depend the nature. The basic rule for the intake of the food is depend upon the power of digestion of the individual. Lastly, these all rules are stick food in terms of *Gun*, *Ras*, *Viya* and *Vipak* as it alter the balance of the *doshas* and balance the equilibrium of *doshas*. There are other several factors, which help in process of digestion like *Vajraasan*, *Ardhmastedrasan* ect ^[29]so it can alsobe consider as part of Ayuevedic dietetic.

Conclusion

Ayurvedic dietetic is the broad concept explain in all compendia, as it is consider as the basic pillar of the of the body. Without food, it is hard to consider the life, but without understanding the proper ways regarding the assimilation, it is hard to be healthy. Because in this era most of the disease are due to the bad eating habit. So while considering meal *Prakruti*, quantity of food intake, *Ahara Vidhi Visheshayatan*, *Pathyapathya*, *Viruddha Ahara* andseason plays and important role as it alter the basic constitution of the body. Therefore, consideration of these all elements are important for healthy life.

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