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Conceptual study of *santarpana* with special reference to its hetus Shital Shamarav Patil^{*1}, Asharani Amitkumar Kore²,

- 1. Assistant Professor,
- 2. Associate Professor,

Dept. of Samhita and Siddhant, Hon. Shri. Annasaheb Dange Ayurved Medical College, Ashta., Sangali, Maharashtra, India

*Corresponding author: <u>shtl.patil3@gmail.com</u>					
<i>Ethical approval:</i> Approved by the Institutional ethics committee	Abstract: Human civilization has reached to an ultra-advanced era where it can solve all its problems by modern means. Human being is the supreme most creatures in the universe made by God. He granted an intellect as a boon to human being. It is necessary that everybody should channelize this boon for ethical things & in				
Conflict of Interest: None declared	turn for the maintenance of physical & mental health. Considering the role of obesity in the pathogenesis of <i>Santarpanajanya Vyādhi</i> .				
Sources of Funding: None	According WHO 2010 report, worldwide obesity has more than doubled since 1980. 65% of the world's population live in countries where overweight & obesity kills more people than underweight. So obesity is gaining more & more attention at the globally. That's why so many countries are making an effort to find out the perfect remedy for this burning problem. the disorders like diabetes, skin diseases, urinary problems, infertility, etc. are observed in huge percentage. They are mainly <i>Santarpaṇajanya</i> & caused due to obesity. This over nourishment leads to all <i>Santarpaṇajanya Vyādhis</i> . Diseases due to over nourishment are found in large percentage in today's era. This over nourishment leads to all <i>Santarpaṇajanya Vyādhis</i> .				
Date of Submission: 19/02/2019.					
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Name of Publication: Dudhamal Publications (OCP) Pvt. Ltd., Chembur, Mumbai, Maharashtra, India	Hence there is a need of proper solution for above severe problem They are certainly cured after treating obesity. Same				

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Introduction -

In today's stage of development, it is observed that goals of life are changed. Society is becoming materialistic. People are adopting unhealthy life style. Dietary habits, daily activities, earning sources all these things are changed. This unwanted & unhealthy change gives momentary happiness but its constant use results into *Dhātuvaiśamya* & people suffer through the vicious chain of disorders. These disorders are caused by two modes

1. Santarpana (due to over nourishment)

2. *Apatarpaṇa* (due to lack of nourishment)

Diseases due to over nourishment are found in large percentage in today's era. This over nourishment leads to all *Santarpaṇajanya Vyādhis*. Hence there is a need of proper solution for above severe problem.

If an improper person over refreshes himself with unctuous, sweet, heavy, and slimy substance, newly harvested rice, fresh wine, meat of marshy and aquatic animals, cow milk and its products, food items made of jaggery, pastry but is averse to physical activities, indulge in sleep during day time, and keeps lying on the bed or sitting at ease at all-time falls to victim of *Santarpaṇajanya Vyādhis*. (cha. su. 23.30.31)

CONCEPT OF SANTARPAŅA Santarpana as Cikitsā:-

The term *Santarpaṇa* is found in *Brihattrayi*. *Ācāryas* have explained

Santarpaņa as therapy. उपËम्यस्य हि द्वित्वात्त्विधैवोपËंमो मतः ।

एकः सन्तर्पणस्तत्र द्वितीयश्र्चपतर्पणः | १ | अ∙ह.१४.१

According to *Astāng Hrudaya Santarpaņa* explained as one of the therapies. People suffer from the diseased condition by two types of dietary causative factors. Either due to over nourishment or less nourishment. Hence they are treated accordingly by two ways 1)*Santarpana* 2) *Apatarpana*.

Definition:-

बृंहत्त्वं यच्छरीरस्य जनयेत्तच्च बृंहणम् | च.सू.२२.१० बृंहणो देहे वृदधीकर | डल्हण टीका सु.सू. ४६.५१८ According to $\bar{A}c\bar{a}rya$ Caraka and $\bar{A}c\bar{a}rya$ Dalhan states that Brhana is responsible for nourishment of body. Santarapan is treatment explained for $K\bar{a}rsya$. सन्तर्पण निरूक्ति :

The word Santarpaṇa is derived from root "सम्" इ 'तृप्" द्धतिह णिच\ which stands for satiating, refreshing. Ref (Monier Willams). Page no: - 1142).

सम +तृप\ ¹ णिच \ ल्यु | वाचस्पतयम \ ६.५२११

Synonyms of Santarpana:-

 तृप्तिकरम् प्रीणनम् | सु सू ४६.३४२, वृंहणम् ... | च सू २३.३0३. निमित्त वृंहणहेतुक |४. सन्तर्पणीय ... च

According to Ācārya Suśrut, Ācārya Caraka, Āyurvēdiya śabdakōṣa,the word Santarpaṇa means to satisfy and to nourish the body. Considering above meanings, it is clear that Santarpaka drugs work at physical and mental both levels. They increase strength of Dhatus. They are restorative in nature and refresh the mind but their improper and excess use causes Vyādhis like Sthaulya.

Santarpaņa bhēd:-

The refreshing therapy can be given in two ways (cha.su. 23.30.31)

- 1) Administration of refreshing regimen
- 2) Habitual intake of refreshing regimen

One suffering from fresh attack of emaciation can soon be cured by the administration of refreshing regimen but one suffering from chronic type of emaciation would require habitual intake of refreshing therapy.

Importance of Santarpaņa cikitsā:

- 1. Nili (fruits), Tvak and $El\bar{a}$, each one part, Trivrtta three parts mixed with sugar candy this powder taken with honey and sour fruit juice is satiating and alleviates sannipata. (su.Su.42.22) 2. When there is excessive evacuation. the eyes crooked. becomes hard. with abnormal colour, drooping, too rough and discharges excessively in this case Santarpana should be applied along with other *Vāt* alleviating measures.(su u.18.77)
- In pain caused by hunger, light food with warm milk, gruel and unctuous meat – soup is beneficial. (su.u.42.100)
- 3. In case the patient is debilated and having *Ruksatā* in the body, he should be treated with processed meat of wild or marshy animals and sheep.(su.u51.54)
- 4. Patients suffering from Prameha can be classified into two categories, viz 1) those who are obese and strong, and 2) those who are emaciated and weak. Patients belonging to the latter category should be given nourishing therapy. Patients of the former category who are strong and who have more doshas in the body should be administered elimination therapy. For this purpose, the oleated patient be given should various Yōga described in Kalpa Sthan with view to eliminating excreta through both upword and downward. After the excreta are eliminated from his body, the patient should be given Santarpana or Refreshing therapy because Apatarpan therapy in this

condition may produce *Vātjanya Pramēha*. (Cha.chi.6.15.16)

- 5. *Kşatakşina* treatment: In *kşatakşina* patients, food and drinks which are nourishing, cooling, *avidāhi*, wholesome and light, should be used by the patient suffering from *kşatakşina* and who is desire to regain health. (Cha.chi.11.93)
- 6. Viplutā yoni vyapad treatment:- Oil should be boiled with the decoction of sallaki jingini and the barks of jambu, dhava. nyagrodha, udumbara. asvatta, parisa and plksa. Tampon soaked with this medicated oil should be kept inserted into the genital tract which Viplutā cures type of Gynecological disorder. (Cha.chi.30.108)
- 7. *Ardit* treatment:- For the treatment of facial paralysis, nourishing type of

inhalation therapy should be anointed and head should be anointed with medicated oil. (Cha.chi.28.99)

SANTARPAŅA AS A CAUSATIVE FACTOR:

I) According to Caraka Samhitā -

The Santarpaṇa is one of the cikitsā upakaram. It is also called as brhaṇa. In Emaciated weak patient it is best choice of treatment. But if this cikitsā is given to an improper person, it leads to various disorders.

The causative factors of *Santarpaṇajanya Vyādhis* are given in *Caraka Samhitā* as follows-

संतर्पयति यः स्निग्धैमद्दधुरैर्गुरूपिच्छिलैः |

नवान्नैर्नवमद्यैश्च मांसैश्चानूपवारिजैः |

गोरसैर्गोडिकैश्चान्नैः पैष्टिकैश्चातिमात्राशः |

चेष्टाव्देषी दिवास्वप्नशय्यासनसुखे रतः | च. सू. २३.३४

If an improper person over refreshes himself with unctuous, sweet, heavy, and

slimy substance, newly harvested rice, fresh wine, meat of marshy and aquatic animals, cow milk and its products, food items made of *jaggery*, pastry but is averse to physical activities, indulge in sleep during day time, and keeps lying on the bed or sitting at ease at all-time falls to victim of *Santarpaṇajanya Vyādhis*.

Above causative factors are categorised as follow's,

1) <u>Āharaj hētus</u>

Sr.	आहारज हैतु	चरक	अ・ह・
no.			
8	स्निग्ध आहार	+	-
२	मधुर आहार	+	-
'n	गुरू आहार	+	-
×	पिच्छिल	+	-
પ્	णवान्न	+	-
ધ્	नवमद्य	+	-
9	वारीज मांस	+	+
۷	आनूप मांस	+	
۶	गौडिक	+ "	-
80	पैष्टिक	+	-
११	क्षीर	-	+
१२	सर्पि	-	+
१३	मधुर स्निग्ध बस्ती	-	+
१४	ीसता	-	+

Āharaj hētus:- These causative factors is again categorised according to their Guna, Rasa properties and Nava (fresh articles), $D\bar{e}sa$ etc.

- A) Guņa :- The following Snigdha, Guru, and Picchila Guņa Pradhān Ahar leads to Santarpaņajanya Vyādhis as follows:-
- Singdha :- यस्य क्लेदने शक्तिः स स्निग्धः | हेमाद्रि

स्नेह मार्दवकृत् स्निग्धो बलवर्णकर स्तथा | सु.सू.४६.५१८ The quality of elements or diet increases & produces the softness and smoothness in the body is called as *Singdha*. The term '*Snehan*' is used for lubricating, greasing, and unctuousness.

पांचभौतिकत्व¹ स्नेहोऽपांविशेषगुणः | वैशेषिकदर्शन According to Vaisheshika system it is special attribute of Aapa mahaBaUta.

The food articles like *Shali*, Shashtik, wheat, cow milk, *Mrudvika* are *Singdha guṇa tmak* promote and nourish tissue, alleviate *Vāt Dōṣa* and aggravate *Kapha dosha*.(Bha.pra.1)

Most of the *Snigdha Dravyas* are cold in potency and *Madhur Vipaki*.

Effects on *Doshas* are – *Snigdha* alleviate *Vāt*, *Pitta* & increases *Sleshma*.

Effects on *Dhatus* are – *Snigdha guņa tmak* articles do Bŗ*haṇa*, *Tarpan*, *Lepan*. Excess consumption of *Snigdha guṇatmak Ahar* leads to over nourishment of *Dhatus* and increase *Kapha dōṣa* in the body. As *Aap Mahabooth* is pridominatly scan in *Snigdha guṇa*, *Aap* does *Vikruti* in bodyfluids.

 Guru ¹ यस्य द्रव्यस्य बृहणे कमद्दणि शकित स गुरू | हेमाद्रि

The element having capacity to digestion and also nourishment is called as Guru.

पांचभौतिकत्वः गौरवं पार्थिवं आप्यं च | र.वै.सू.३.११६

It is special attribute of *Pruthvi* and *Aap Mahabhoot*.

According to *Bhavmishra* the substance bearing the attribute of heaviness, decreases *Vāt Dōṣa* and increases *Kapha Dosha*.(Bha.pra.1) According to *Suśruta*, the Guru *Guṇa* provides lassitude or depression of mind, increases tissue *Kaphaj Visarp hētu*.(Su.su.46.518)

Effect on Doshas are *-Vātshamak*, *Kaphavardhak*.

Effect on Dhatus are- Brhana, Tarpan, Vardhan.

Excess consumption of elements which are heavy to digest like wheat, buffalo milk, colostrum, etc produces heaviness in the body. Excess consumption of Guru guṇa tmak Dravyas does over nourishment in all Dhatus and increases heaviness in the body and leads to Santarpaṇajanya Vyādhis.

3. *Picchila* :- यस्य लेपने शक्ती स पिच्छिल | हेमाद्रि It acts as wound healer. *Hemadri* states that *Picchila Guņa* has the power of coating or covering.

पांचभौतिकत्व ¹ पिच्छिलत्वमाप्यम् | र.वै.सू.३.११२

Picchila substances are predominated by *Jala Mahabhoot*.

The attribute by which drugs and diet contain the power of maintaining *pran* strengthens body, help in joining the broken bones are called *Picchila* or sliminess. It softens the body tissue and has nature to make covering on skin or mucus membrane. (Su.su.46.517)

Excessive intake of *Picchila Ahar* heaviness in the body.(*Sharangdhar*)

As Jala Mahabhoot is predominant in Picchila, the articles have three like qualities. The milk and milk cream are the example of picchila attributes, due to quality of sliminess the circulatory channels are obstructed and it results in feeling like heaviness. Some Picchila articles like dadhi are Abhishyandi. This will result in storage of fat in the body and dullness.

Effect on Doshas –*Vātpittashamak,* **Kaphavardhak**.

Effect on Dhatu- Brhana, Vardhan, Balya, Vrushya.

B) Rasa: - Madhur Rasa: - तत्र मधुरो रसः स्निग्धः शीतो गुरूश्च | च.सू. २६

तत्र मधुरो रसः स्निग्धः शीतो मृदुगुरूश्च |अ.सं.सू.१८ पांचभौतिकत्व¹ पृथ्वीसोमगुणतिरेकात् मधुरोरसः | च.सु.२६.४0

The *Pruthvi* and *Jal mahabhoot* predominately found in *Madhur* rasa.

The elements and diets having sweet taste are wholesome to the body and such they

add to the growth of body fluids.(cha su.26.74)

Snigdha dravyas are Shitviryatmk and Madhurvipaki

Effect on Doshas are *–Vātshamak, Pittashamak, Kaphavardhak*.

Effect on Dhatus are - Brhana, Tarpan, Vardhan.

As the Madhura ras does Brhana, Tarpan and Vardhan of dhatus it increases Medodhatu in the body which leads in to following disorders.

Madhur rasatmak diet articles like *Rasala*, ghee, goat milk, *Kharjur*, etc. are soothing and nourishing. When only excess of it is used, causes vitiation of *Kapha*, resulting in *Sthaulya*, tenderness, laziness, hypersomnia, loss of power of digestion, cough, etc.(A.H.Su.10/9)

C) New Food articles:-

heaviness in the body.(Sharangdhar)Excess consumption of following $\bar{A}h\bar{a}r$ As Jala Mahabhoot is predominant in please to Santarpaṇajanya Vyādhis.

J - 🔊 Navanna ः नवं धान्यमभिष्यन्दी लघु संवत्सरोषितम्

| सु .सू .४६ .५१

Freshly harvested crop up to 1 year is called as Navanna. Newly harvested crop are Abhishyandi. They secrete excess secretions in the body and increases Aap Mahabhoot. Mahabhoot Aap is responsible to increase Kapha Dosa in the body. New cereals are slimy while those kept for more than one year or thereafter it loses its qualities. According to Suśrut and Bhavpraksh newly harvested crop having age below 1 year is called as Navanna and it is sweet and Kapha Vardhak in nature. These two properties do over nourishment of Dhatus, and its excess use in daily routine results in Santarpaņajanya Vyādhis. (Bha.p.88)

2) Navmadya: Fresh wine is having property Abhisyandi, it vitiates Kapha dōṣa in the body and result in santarpanajanya Vyādhis. According to Caraka Navmadya is a causative for Pramēha factor and Urusthambha.

3) Gaudik गुडो नवः कफश्वास कास Ëिंमेकरोऽग्नि त | भा . प्र .

The Sweets made from Jaggery is called as Gaudik. As newly prepaired Sweets are heavy to digest and results in disorders like Shwas, Krimi etc. so this causative factor included in new food articles. The Gaudik is having properties like Vrushva. Guru. Pittashamak. Vatshamak, it increases Meda and Kapha in body. Sweets made from Jaggery which is new will leads to vitiation of Mēda and Kapha, and excess consumption causes increase in calories in the body. Excess consumption causes disorders like Shwas, Kasa, and Krimi rog

Anupa Mamsa¹ The meat of I. RIM quantity of water, thus it is digested 1) animals living in **Anupa** Dēśa. The meat of such animals is Kaphavardhak, Picchila gunatmak, and which does Mamsa pushti. It is also Abhishyandi in property. Mamsa is Pruthavi Mahabhoot dominant element. (bha.p.)

According to above references Type of Mamsa which does nourishment are goat, pig, fish, hen, hippopotamus are called as Brumhaniya.(cha.su 27.62,66,78,81)

Yavagu prepared by Varah Mamsa is called as Brumhaniya. These type of meat responsible for Kapha and Pichhila guna

. Which result in increase in Mamsa, Meda. Excess use leads to deposition of fat in the body.(cha su 2.25)

2) Varija Mamsa : The food artcles like fish comes under the Varija Mamsa. According to Bhavprakasha fish are having properties like Snigdha, Madhura,

which is Kaphavardhak, Pittavardhak Vātghna. Fishes does Brumhan, and Balavardhan. Due to these properties, excess consumption of Varija mamsa may leads to Kaphaj disorders. There is no any reference found that states fish is causative factor for a disease.(bha.p.)

- **E)** Goras: The milk of cow is called as Goras, it is having properties like Madhur rasa and Vipak. It is heavy in digestion. The goras forms Kleda in the body, and vitiate Kapha Dosha. Excessive secretions in the body, results in to Shaithilya. It results in vitiatation of Mamsa, Mēda Dhatus and Malas. Excess use of it may lead in Santarpaṇajanya Vyādhis.(भा.प्र.)
- Food prepared from fine **F)** Paishtik: wheat such as pizza, burger etc. One should not consume of rice flour or in case of hunger, should take in small

D) Food articles according to Defat- A Vurlightantity followed by intake of double

well.(su.su.49)

2) Vihāraj hētus:-

The Vihara like Asanasukha, Shayyasukha etc are responsible increase Kapha Dosa in the body. Acarva charaka and A.H both states that Shayyasukha, and Swapnasukha are Vihāraja nidan for Santarpanajanya disorders. These causative factors are as follows

Sr. No.	विहारज हेतु	चरक	अ.ह.
8	आसनसुख	+	-
२	शय्यासुख	+	+
ર	स्वप्नसुख	+	+
۷	चेष्टाहेष	+	-
ષ	ीदवास्वाप	+	-
9	अभ्यंग	-	+
۷	श्नान	-	+

6

- 1 Asansukha: Tendency of happiness in sitting posture is called as Asansukha. According to Caraka, aasansukha is a causative factor for pramēha.
- 2 Shayyasukha: Tendency of happiness in lying down posture is called as Shayyasukha. Excessive use of Shayyasukha leads to Santarpanajanya Vyādhis.
- 3 Swapnasukha: Excessive sleep a is called as Swapnasukha.
- 4 *Cheshtadvesha*[®] Lazy for any movement. Increased kapha dosh in the body causes heaviness which results in *Cheshtadvesha* and habitual following of this will leads to saturation of fat in the body parts. This *hētu is* seen in following disorders.
- 4 Diwaswap a Keeping awake at nights produces dryness in the body, while day sleep is responsible for increase in *Snigdha* property.(cha.su.21.53)

Vāt accumulates during *grishma*. Dryness is more during this season due to *aadan kal*, nights are short and days are long one can take sleep in *grishma*. But persons who are fat, who take fatty food/heavy food daily, they should not sleep during *grishma*.

3. Mānas hētus

Sr	हेतु	चरक	अ・ह・
no.			
8	अचिंता	+	-
२	हर्षण	-	+

Achintana is psychological factors mentioned by $\bar{A}c\bar{a}rya$ Charaka. which is responsible for Medavriddhi. This is *Kapha* aggravating factor. Which leads to *Mēda* deposition.

1. Achintana:- According to Ācārya Caraka, freedom from anxiety about work, intake of nourishing diet and adequate sleep makes man fatty like a pig. Achintana is hētu of santarpaṇajanya Vyādhis and Sthaulya, Arsha.(चु. सू. २१.३४)

The other causative factors mentioned in charts are discussed under Ashtang Hrudaya.

II) The causative factors of Santarpaņajanya Vyādhis are given in Aṣṭāng Hṛdaya as follows:-

मांसक्षीरसितासर्पिर्मधुरस्निग्धबस्तीभि | स्वप्नशय्यासुखाभ्यंङगास्नाननिर्वृत्ति हर्षणै |

³अ.ह.स्.१४.९´

According to *Astāng Hrdaya Basti* propaired from meat, milk, sugar, ghee

. and sweet and oily properties will lead in *Santarpaṇajanya Vyādhis*. Calm sleep, *abhyang*, bath, psychological wellbeing and jolliness are *hētus* given in *Aṣṭāng Hrdaya*.

- 1. Anuvasan basti (Mamsa+ Kshira+Sita+Sarpi+Madhur+Sni gdha)
- 2. Swapnasukha
- 3. Shayyasukha
- 4. Abhyang
- 5. Snan
- 6. Nivrutti
- 7. Harshn.

1. Anuvasan basti:-

Elimination therapy reduces *dhatus* as well. In order to *dhatus* get restored to their normalcy, one should take nourishing diet together with ghee, meat, soup, milk and vegetable soup which are good for heart. For the sake of restoring the *dhatus* reduced by elimination therapies, nourishment with Anuvasan Basti is prescribed rather than diet as nourishment. $(\overline{u} \cdot \overline{q} \cdot \mathfrak{r} \cdot \mathfrak{r})$

2. Swapnasukha:-

Tendency of excessive sleep is called as Swapnsukha. It leads to vitiation of Kapha Dosha.(टीका च. सू. २१.३४)

3. Shayyasukha:-

Tendency of happiness in lying down posture is called as *Shayyasukha*. Excessive use of *Shayyasukha* leads to *Santarpaṇajanya Vyādhis*.

4. Abhyanga:-

Abyangya should be resorted to daily, it is Pushtikarak. But if there is Kapha aggravation patient should avoid Abhyang. there is no any reference found that stats Abhyang is responsible for disease. (| भा.प्र.)

- 5. *Snan: Snan* is daily activity. It keeps body clean and healthy. But there is no any reference for *Snan* A causative factor.
- 6. *Nivrutti*:- It is states as free from all tensions.
- 7. *Harshanitya*:- With this type of psychological wellbeing and jolliness those people indulge more in worldly pleasure and excess calories stored in the form of *Meda*. It is *hētu* for *Santarpaņajanya Vyādhis* like

DISCUSSION:-

Santarpanajanya Vyādhis are developed due to vitiation of Kapha dosha, Meda, Mamsa. After study all causative factor of of Santarpaņajanya disorders have predominance of Pruthavi and Aap mahabhoot. The word Santarpana is found in Bruhattrayi mainly as a cikitsā upakrama. But if it is given to improper person it works as a cause of *Santarpanaottha Vyādhi*.

- Etiological factors of Santarpaņajanya Vyādhis have a dominance of Pruthvi and Aapa Mahabhoot. Hence they mainly increases Kapha, Mamsa, and Mēda and further develop respective Vyādhis namely Pramēha, Kushtha, Sthulya etc.
- Charaka Ācārya has mentioned a list of causative factors of Santarpaṇajanya Vyādhis along with their names. But it is not mentioned that which causative factors produce which Santarpanajanya Vyādhi. Scholar has tried to focus this point in this chapter.

CONCLUSION:

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- RIM1. Santarpaṇa is one of the main type of treatment if given to improper person then vitiated Kapha, Mamsa, and Mēda produces various over nutritive disorders.
 - Maximum causative factors of Santarpaṇajanya Vyādhi are found in pramēha as compare to other disorders.

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