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Critical Study of *Graha* (Planet) *Dhatu* (Tissue) Relationship And Diseases Caused By Them In Ayurveda & Jyotish Science

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Abstract: Ayurveda and Jyotish science are complimentary to each other and have incorporated concepts of each other. The review of Jyotish literature had showed that malefic planets causes specific diseases based upon their position in particular horoscope. It is observed that the planets also represent the particular dhatus mentioned in Ayurveda (Surya = Asthi, Chandra = Rakta, Mangal = Majja, Budha = Rasa, Guru = Meda, Shukra = Shukra, Shani = Mamsa). The review of Ayurvedic literature showed that there are seven dhatus viz. *Rasa* (Plasma), *Rakta* (Blood), *Mamsa* (Muscles), *Meda* (Fat), *Asthi* (Bones) , *Majja* (Bone marroe and nervous tissue) and *Shukra* (Semen with sperms) which forms the various tissue of the body and supports the body. In Ayurveda they are also called as '*Dooshyas*' as they get vitiated by *doshas*. Ayurveda had described the *Dhatu dushtijanya* diseases. Attempt has been made to study the interrelation between *Graha* induced diseases and *Dhatu dushtijanya* diseases. It is concluded that there exists a definite interrelationship between malefic *Graha* induced diseases mentioned in Ayurvedic science. **Keywords**: Malefic *Graha* induced diseases, *Dhatu dushtijanya* diseases

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INTRODUCTION:

The review of Jyotish literature had showed that malefic planets causes specific diseases based on their position in particular horoscope. It is observed that the planets also represent the particular dhatus mentioned in Ayurveda (Surya = Asthi, Chandra = Rakta, Mangal = Majja, Budha = Rasa, Guru = Meda, Shukra = Shukra, Shani = Mamsa). The review of Ayurvedic literature showed that there are seven dhatus viz. Rasa (Plasma), Rakta (Blood), Mamsa (Muscles), Meda (Fat), Asthi (Bones), Majja (Bone marrow and nervous tissue) and Shukra (Semen with sperms) which forms the various tissue of the body and supports the body. In Ayurveda they are also called as 'Dooshyas' as they get vitiated by doshas. Ayurveda had described the Dhatu dushtijanya diseases. Attempt has been made to study the interrelationship between Graha induced diseases and Dhatu dushtijanya diseases.

MATERIAL & METHOD

Literary analytical and observational method of research was adopted in the present study. Critical and comparative study of Ayurvedic literature and Jyotish science literature was done to come to rational conclusion.

REVIEW OF LITERATURE

Review of Ayurvedic Literature Rasa Dhatu Dushti Janya Diseases Rasa Dhatu Dushti Janya diseases are Ashraddha (Aversion towards food), Aruchi (Anorexia), Asya Vairasyam (Change of mouth taste), Hrullas (Nausea), Arasqyat(Loss of taste). Gauravam (Stiffness in body). Angamarda (Bodyache), Tandra (Drowsiness), TamaHa (Fainting), Jwara (Fever), Pandutwam (Pallor), Strotasam Rodha (systemic Obstructions), Klaibyam (Impotence), Sada (fatigue), Krisha Angata (wasting), Nasho AgneHe , (Anorexia) , Ayatha Kalam Walay (Untimely wrinkles), Ayatha Kalam Palitani (Untimely graying of hairs). ^[1]

Rakta Dhatu Dushti Janya Diseases

Rakta Dhatu Dushti vitiated diseases are Asrukdara (Menorrhagia), Guda Pakaha (Anal Abscess) Medhraha Pakaha (Urethral abscess), Kushtha (Skin diseases), Visarpa (Erisepals), Pidaka (Boils), Raktapittam (Hemolysis), Aasya Pakaha (Mouth abscess), Pleeha vruddhi (Spleeno-megaly), Raktaj Gulma (Hematometra), Vidradhi (Abscess), Nilika (Bluish discoloration), Kamala (Hemolytic Vyanga (Chloasma), Tilkalaka jaundice), (Moles), Dadru (Ringworm), Charmadala (Psoriasis), Shwitram (Vitiligo), Kotha [2] (Scabies) (Urticaria), Pama and Astramandalam (Echymosis).

Mamsa Dhatu Dushti Janya Diseases

Meda Dhatu Dushti Janya diseases are AdhiMamsa (Gum Malignancy), Arbuda (Malignant tumour), Keela (Corn), Gala Shaluka (Adenoidal Growth), Gala Shundika (Uvular malignancy), Puti Mamsa (Muscular Suppuration), Alaji (Cyst), Ganda (Tumour), Gandamala (Lymphadenitis), Upjivhika (Ranula). ^[3]

Meda Dhatu Dushti Janya Diseases

Meda Dhatu Dushti Janya diseases are Granthi (Cyst), Vruddhi (Growth), Galaganda (Goitre), Arbuda (Tumour), Medoj Aushthaprakopa (Lip lipoma), Madhumeha (Diabetes), Ati Sthaulya (Obesity), Ati Sweda (Sweating).^[4]

Asthi Dhatu Dushti Janya Diseases

Asthi Dhatu Dushti Janya diseases are Adhi Aasti (Extra bones), Adhi Dantau (Extra Tooth),

Asthi Bhedam (Arthralgia), Danta shoolam (Dental pain), Vivarnata (Discolouration), Kesha Dosha (Hair disorders such as alopecia), Nakha Dosha (Nail problems such as brittleness).^[5]

Majja Dhatu Dushti Janya Diseases

Asthi Dhatu Dushti Janya diseases are Ruk Parwanam (Joint pain), Bhramo (Vertigo), Murchha (Fainting), Adarshanam (Syncope), Arunsham Parwajanam (Tophies on joints).^[6]

Shukra Dhatu Dushti Janya Diseases

Shukra Dhatu Dushti Janya diseases are Klaibya (Impotence), Aharshanam (Loss of libido), Rogi Wa Virupam (children affected with genetic defects), Alpa Ayu Prajayate (children are short lived), Prastravati Patati (Miscarriage & Abortions), Na Jayate Garbha (Infertility), Klibam Prajayate (Impotancy in children), Apatyam Badhate (infertility in children), Daurbaly (Weakness), Shrama (Fatigability), Pandutwa (Pallor), Mukhashosha (Atrophy of cheeks), Shukra Avisarga (Ejaculatory failure).^[7]

Review of Jyotish science Literature Interelationship of Dhatus And Grahas

The Rasa dhatu is ruled by planet *Budha* (Mercury). The *Rakta dhatu* is ruled by planet *Chandra* (Moon). The *Mamsa dhatu* is ruled by planet *Shani* (Saturn). The *Meda dhatu* is ruled by planet *Guru* (Jupiter). The *Asthi dhatu* is ruled by planet *Surya* (Sun). The *Majja dhatu* is ruled by planet *Surya* (Sun). The *Majja dhatu* is ruled by planet *Mangal* (Mars). The *Shukra dhatu* is ruled by planet *Shukra* (Venus). ^[8]

Diseases caused by Grahas

Diseases Due to Malefic Surya (Sun)

The diseases due to malefic effects of Sun are Jwara (fever), Patan (fall from height/Traumatic disease), Apasmara (epilepsy) , Hritroga (heart disorders) , Krod Rogas , (liver diseases) Druk Rogas (Eye

diseases), *Twak /Kushtha dosham* (skin diseases), *Asthi vikara* (bone disorders), *Bhuta avesha* (microbial infections), *Visha Vikara* (Poisoning)^{[9][10]}

Diseases Due to Malefic Chandra (Moon)

The diseases due to malefic effects of Moon are Nidra (sleepiness), Aalasya (lassitude), Kapharoga (hyperlipidimic states), Agnimandya (decreased in appetite), Atisara (loose motions), Pitaka (papule, boil), Sheeta Jwara (fever with chill), Kamala (Jaundice), Rakta-Vikara (blood disorders), Kushata (skin diseases), Balagraha (microbial infections. [11][12]

Diseases Due to Malefic Mangal (Mars)

The diseases due to malefic effects of Mangal (Mars) are, *Trishna* (thirst), *Rakta Prakopa* (vitiation of blood), *Pitta Jwara* (Inflammatory fevers), *Kushtha* (skin diseases), *Netra Roga*, (eye diseases) *Gulma* (tumours), *Apasmara* (epilepsy), *Parushta* (dryness), *Deha-bhanaga* (fractures), *Raksha Gandharva Graha Rogas* (microbial infections of blood and bone marrow).^{[13] [14]}

Diseases Due to Malefic Budha (Mercury)

The diseases due to malefic effects of Budha (Mercury) are *Bhranti* (vertigo), *Netra Vikara* (Eye diseases), *Gala Vikara* (Throat diseases), *Ghrana Vikara* (Nasal diseases), *Jwara* (fever), Pitta-Kaphaj Vikara, Pandu (anemia), Twacha Vikara (skin diseases), Vicharchika (eczema), Gandharva Graha Pida (microbial infections of Ear Nose Throat).^{[15][16]}

Diseases Due to Malefic Guru (Jupiter)

The diseases due to malefic effects of Guru (Jupiter) are *Gulma* (abdominal tumour), *Antra Jwara* (enteric fever), *Kapha Rogas* (hyperlipidimic diseases), *Shrotra Rogas* (diseases of Ear), *Prameha* (diabetes), *Shoka* (depression), *Kinnar Yaksha Deva Graha Pida* (microbial infections of gastrointestinal tract). ^[17]

Diseases Due to Malefic Shukra (Venus)

The diseases due to malefic effects of Sun are Kapha-Vataj Rogas, Pandu (anemia), Netra Vikara (Ophthalmic diseases), Aasya Vikara (diseases of mouth), Shrama (fatigue), Guhya *Rogas* (genital disorders), Mutrakrichhra (dysuria) Shukra Struti (premature . ejaculations), Yogini Matruka Graha Pida (microbial infections of genito-urinary tract). As per Gadavali, the malefic Shukra also leads to Ganikottha vikara (sexually transmitted diseases). Pandu (anemia), Prameha (polyuria), Shosha (emaciation) apart from above said diseases.^{[19] [20] [21]}

Diseases Due to Malefic Shani (Saturn)

The diseases due to malefic effects of Shani (Saturn) are Vata-Kaphaj Vikara, *Tandra* (drowsiness), *Shrama* (fatigue) , *Bhranti* (vertigo), *Kukshi Ruk* (pain in loins), *Pishacha Graha Pida* (microbial infections of muscles, bones and brain). As per Gadavali, malefic Shani also leads to *Sandhirogas* (joint disorders), *Guhya roga* (undiagnosable diseases), *shwas rogas* (breathing disorders) apart from above said diseases.^{[22] [23] [24]}

Diseases Due to Malefic Rahu & Ketu (Dragon's head & Tail)

The diseases due to malefic effects of Rahu and Ketu are *Tapa kara/Jwara* (fever) , *Kushtha* (skin diseases), *Visha* (poisoning), *Pishach* , *Preta*, *Sarpa Graha Badha* (microbial infections).^{[25] [26] [27]} The disease causing potential of *grahas* should be decided from their position in 6th, 8th, and 12th houses of the birth chart.

Clinical Application of Graha Dhatu Disease Concept As Per Jyotisha

The diseases caused by vitiation of dhatus gets alleviated by worshipping that particular *dhatu* related planet with *Japa* (enchanting the *Graha Mantra*), *Tarpana* (offering the water and food to the *Graha*), *Homa* (Paying oblations to the *Graha*), *Dana* (Paying donations to the Graha).

In Ayurveda, diseases caused by vitiation of *dhatus* are treated with various drugs. In case of failure to drug therapy then above said Jyotishokta measures are adopted as a part of *'Daiva Vyapashraya'* treatment. ^[28]

Understanding Disease Potential of Grahas

OBSERVATIONS

Table no. 1 Interrelationship Between Grahas & Dhatus

Sr	Grahas (Planets)	Representative Dhatu (Tissue)	
1	Surya (Sun)	Asthi (Bones and cartilages, Dentures)	
2	Chandra (Moon)	Rakta (Blood)	
3	Mangal (Mars)	Majja (Bone marrow, Brain tissue)	
4	Budha (Mercury)	Rasa (Blood Plasma)	
5	Guru (Jupiter)	Meda (Fat/Lipids/Adipose/Cholesterol)	
6	Shukra (Venus)	Shukra (Semen with Sperm)	
7	Shani (Saturn)	Mamsa (Muscles/Ligaments)	

Table no. 2 Interrelationship of Graha Rogas & Dhatu Pradoshaj Rogas

Sr	Budha Graha Rogas As Per Jyotish	Rasa Dhatu Pradoshaj Rogas As Per Ayurveda
1	Pandu (anemia)	Pandutwam (Pallor)
2	Jwara (fever)	<i>Jwara</i> (Fever)
3	Twacha Vikara (skin diseases)	Ashraddha (Aversion towards food)
4	Vicharchika (eczema)	Aruchi (Anorexia)
5	Pitta-Kaphaj Vikara,	Asya Vairasyam (Change of mouth taste)
6	Bhranti (vertigo)	Hrullas (Nausea)
7	Netra Vikara (Eye diseases)	Arasgyata (Loss of taste)
8	<i>Gala Vikara</i> (Throat diseases)	Nasho AgneHe (Anorexia)
9	Ghrana Vikara (Nasal diseases)	Gauravam (Stiffness in body)
10	Gandharva Graha Pida (microbial	Angamarda (Bodyache)
11	infections of Ear Nose Throat).	Tandra (Drowsiness)
12		<i>TamaHa</i> (Fainting)
13		Strotasam Rodha (systemic Obstructions)
14		Klaibyam (Impotence)
15		Sada (Easy fatiguability)
16		Krisha Angata (wasting)
17		Ayatha Kalam Walay (Untimely wrinkles)
18		Ayatha Kalam Palitani (Untimely baldness)

Table no. 3 Interrelationship of Graha Rogas and Rakta Dhatu Pradoshaj Rogas as per Ayurveda

Sr	Chandra Graha Rogas	Rakta Dhatu Pradoshaj Rogas	
	As Per Jyotish	As Per Ayurveda	
1	<i>Kushata</i> (skin diseases)	Kushtha (Skin diseases)	
2	<i>Pitaka (</i> papule, boil)	Pidaka (Boils)	
3	<i>Kamala</i> (Jaundice)	<i>Kamala</i> (Hemolytic jaundice)	
4	<i>Rakta-Vikara</i> (blood disorders)	Raktapittam (Hemolysis)	

5	Nidra (sleepiness)	Asrukdara (Menorrhagia)
6	<i>Aalasy</i> a (lassitude)	<i>Visarpa</i> (Erisepals)
7	Kapharoga (hyperlipidimic states)	Guda Paka (Anal Abscess)
8	Agnimandya (decreased in appetite)	Aasya Paka (Mouth abscess)
9	Atisara (loose motions)	<i>Pleeha</i> (Spleenomegaly)
10	<i>Sheeta Jwara</i> (fever with chill)	<i>Raktaj Gulma</i> (Hematometra)
11	Balagraha (microbial infections	<i>Vidradhi</i> (Abscesses)
12		Nilika (Bluish discoloration)
13		<i>Vyanga</i> (Chloasma)
14		<i>Tilkalaka</i> (Moles)
15		<i>Dadru</i> (Ringworm)
16		Charmadala (Psoriasis)
17		Shwitram (Vitiligo)
18		Pama (Scabies)
19		<i>Kotha</i> (Urticaria)
20		Astramandalam (Echymosis)

Table no. 4 Interrelationship of Graha Rogas and Mamsa Dhatu Pradoshaj Rogas as per Ayurveda.

Sr	Shani Graha Rogas As Per Jyotish	Mamsa Dhatu Pradoshaj Rogas As Per Ayurveda
1	Vata-Kaphaj Vikara	AdhiMamsa (Gum Malignancy)
2	<i>Tandra</i> (drowsiness)	Arbuda (Malignant Tumour)
3	Shrama (fatigue)	Keela (Corn)
4	<i>Bhranti</i> (vertigo)	<i>Gala Shaluka</i> (Adenoidal Growth)
5	Kukshi Ruk (pain in loins)	Gala Shundika (Uvular malignancy)
6	Pishacha Graha Pida (microbial infections	Puti Mamsa (Muscular Suppuration)
7	of muscles, bones and brain).	Alaji (Cyst)

	Gandamala	(Lymphadenitis)
	Upjivhika	(Ranula)

Table no. 5 Interrelationship of Graha Rogas and Meda Dhatu Pradoshaj Rogas as per Ayurveda

Sr	Guru Graha Rogas As Per Jyotish	Meda Dhatu Pradoshaj Rogas As Per Ayurveda		
1	<i>Gulma</i> (abdominal tumour)	<i>Arbuda</i> (Tumour)		
2	Prameha (diabetes)	Madhumeha (Diabetes)		
3	Kapha Rogas (hyperlipidimic diseases)	Ati Sthaulya (Obesity)		
4	Shoka (depression)	Ati Sweda (Sweating)		
5	Antra Jwara (enteric fever)	Granthi (Cyst)		
6	Shrotra Rogas (diseases of Ear)	<i>Vruddhi</i> (Growth)		
7	<i>Kinnar Yaksha Deva Graha Pida</i> (microbial	Galaganda (Goitre)		
8	infections of gastrointestinal tract).	<i>Medoj Aushthaprakopa</i> (Lip lipoma)		

Table no. 6 Interrelationship of Graha Rogas and Asthi Dhatu Pradoshaj Rogas as per Ayurveda

Sr	Surya Graha Rogas As Per Jyotish	Asthi Dhatu Pradoshaj Rogas As Per Ayurveda
1	Asthi vikara (bone disorders)	Adhi Aasti (Extra bone)
2	Druk Rogas (Eye diseases)	Asthi Bhedam Shoolam (Arthralgia)
3	<i>Twak /Kushtha dosham</i> (skin diseases)	Adhi Dantau (Extra Tooth)
4	<i>Jwara</i> (fever)	Danta shoolam (Dental pain)
5	<i>Apasmara</i> (epilepsy)	Kesha Dosha (Hair disorders - alopecia)
6	Hritroga (heart disorders)	Nakha Dosha (Nail brittleness etc)
7	Krod Rogas (liver diseases)	Vivarnata (Discolouration)
8	Bhuta avesha (microbial infections)	
9	<i>Patan</i> (fall from height/Traumatic disease)	
	<i>Visha Vikara</i> (Poisoning)	

Table no. 7 Interrelationship of	Graha	Rogas	and	Majja	Dhatu	Pradoshaj	Rogas	as j	per
Ayurveda									

Sr	Mangal Graha Rogas	Majja Dhatu Pradoshaj Rogas
	As Per Jyotish	As Per Ayurveda
1	Apasmara (epilepsy)	<i>Bhramo</i> (Vertigo)
2	Trishna (thirst)	Murchha (Fainting)
3	Rakta Prakopa (vitiation of blood)	<i>Adarshanam/Tama</i> Ha (Syncope)
4	Pitta Jwara (Inflammatory fevers)	<i>Ruk Parwanam</i> (Joint pain)
5	Kushtha (skin diseases)	Arunsham Parwajanam (Tophies on joints)
6	Netra Roga, (eye diseases)	
7	<i>Gulma</i> (tumours)	
8	Parushta (dryness)	
9	Deha-bhanaga (fractures)	
10	Raksha Gandharva Graha Rogas	
	(microbial infections of blood and bone	
	marrow)	

Table no. 8 Interrelationship of Graha Rogas and Shukra Dhatu Pradoshaj Rogas as per Ayurveda

Sr	Shukra Graha Rogas As Per Jyotish	Shukra Dhatu Pradoshaj Rogas As Per Ayurveda
1	Guhya Rogas (genital disorders)	<i>Klaibya</i> (Impotence)
2	<i>Pandu</i> (anemia)	Pandutwa (Pallor)
3	Aasya Vikara (diseases of mouth)	Mukhashosha (Atrophy of cheeks)
4	Shrama (fatigue)	Shrama
5	<i>Mutrakrichhra</i> (dysuria)	(Fatigability)
6	Shukra Struti (premature ejaculations)	Aharshanam (Loss of libido)
7	Netra Vikara (Ophthalmic diseases)	Shukra Avisarga (Ejaculatory
8	Kapha-Vataj Rogas	failure)
9	<i>Yogini Matruka Graha Pida</i> (microbial	Daurbalya
10	infections of genito-urinary tract)	(Weakness)

11	Rogi Wa Virupam (Children affected with
12	genetic defects)
13	<i>Alpa Ayu Prajayate</i> (Children are short
14	lived)
	Prastravati Patati (Miscarriage & Abortions)
	Na Jayate Garbha (Infertility)
	Klibam Prajayate (Impotancy in offspring)
	Apatyam Badhate (Infertility in
	offspring)

DISCUSSION:

As per Ayurveda, Rasa-dhatu though flows in blood vessels, mainly is *Twakgata* i.e. mainly reflects in skin. Hence, Rasadhatu dushti is readily evident on skin. Anemia is one such condition where paleness is reflected on skin. Pandu (anemia) has been mentioned as the Rasa dhatu dushtijanya vikara in Ayurveda. Rasa dhatu as per Jyotish science is represented by Budha (mercury) planet and malefic effect of Budha also give rise to Pandu (anemia). As per Jyotish science, Kushtha (skin diseases) and Vicharchika (eczema) also manifest due to malefic effect of Budha which is quiet obvious from the fact that Rasadhatu dushti mainly reflects in skin. Similarly, Jwara (fever) is also mentioned as one of the manifestation of Rasadhatu dushti by Ayurveda. In Jyotish science, also *Jwara* (fever) is mentioned as the malefic effect of Budha.

Hence, there is similarity in the opinion of both the sciences. Ayurveda had mentioned many other gastrointestinal features of *Rasadusti* as being the first ever *dhatu* to be formed by Agni during metabolism. Jyotish science had summarized these features by calling it as *Pitta Kapha janya vikaras* which covers almost all of them. *Pitta* represents the *Agni* and *Rasa dhatu* is mainly *Kaphaj* in nature. Thus, interrelation between the *Budha Graha* and Rasa dhatu is proved.

As per Ayurveda, *Rakta-dhatu* though flows in blood vessels and is formed in liver and spleen. In Jyotish science, *Rakta dhatu* is represented by *Chandra* (moon). One of the manifestation of Rakta dhatu dushti is *Kamala* (hemolytic jaundice). As per Jyotish science, also one of the malefic effect of *Chandra* is *Kamala* (hemolytic jaundice). *Kushtha* (skin diseases) and *Pitaka* (boil) are the common

manifestation of *Raka dushti* and malefic effect of moon mentioned by Ayurveda and Jyotish science respectively. Ayurveda had mentioned several other *Rakta dushtijanya vikaras* (diseases) which have been summarized by Jyotish science as *Raktajanya Vikaras* (blood disorders). Thus, interrelation between the *Chandra Graha* and *Rakta dhatu* is proved.

In Jyotish science, Shani (Saturn) represents the snayu. Although, Snayu is correlated to Mans Snayu but there is other class of Ayurvedic peoples, especially Bengal tradition, who correlate snayu with nerves. Hence, there is discrepancy in features related to this particular graha and the *dhatu* it represent. In Ayurveda, mainly Mans Dhatu Prdhan vikruti like Arbuda (tumour), Granthi (Cyst) etc are mentioned whereas in Jyotish science, the neurological abnormalities are attributed to malefic Shani. Also from Jyotishiya point of view, Shani is Vata Pradhan and gaseous in nature. As per Ayurveda, Vata causes nervine disorders like paralysis etc. In this context, relation there is between Shani and Vatapradhan majja snayu or Mamsa snayu vikruti.

As per Ayurveda the *Ashraysthana* of Vata is *Asthi*. Hence, vitiated Vata also causes diseases of bones and joints. As per Jyotish book, Gadavali, malefic Shani also leads to Sandhigat Vikaras (joint disorders). In Jyotish science, Meda dhatu is represented by Guru (Jupiter). One of the manifestation of Meda dhatu dushti is Prameha (Diabetes). As per Jyotish science, also one of the malefic effect of Guru is Prameha (Diabetes). Arbuda/Gulma (Tumour) is the other common manifestation of Meda dushti and malefic effect of Guru mentioned by Ayurveda and Jyotish science respectively. In jyotish science, malefic Guru is the karaka (leads to) of sthulata (obesity) which is also endorsed by the Ayurveda by calling it a medojanya Vikara. Ayurveda had mentioned several other Meda dushtijanya vikaras (Dislipidemic diseases) which have been summarized by Jyotish science as Kaphajanya Vikaras (Hyperlipidemic states). Thus, interrelation between the Guru Graha and *Meda dhatu* is proved.

In Jyotish science, *Asthi dhatu* is represented by *Surya* (Sun). One of the manifestation of Asthi *dhatu dushti* is *Adhi Asthi* and *Asthi Bheda* (Bone deformity and bone pain). As per Jyotish science, one of the malefic effect of Surya is *Asthi Vikaras* (Bone disorders) which encompasses wide range of bone disorders. Ayurveda had mentioned several other Asthi dushtijanya vikaras (bone diseases)

which have been summarized by Jyotish science as Asthi Vikaras (Bone disorders). Thus, interrelation between the Surya Graha and Asthi dhatu is proved. In Jyotish science, Majja dhatu is represented by Mangal (Mars). One of the manifestation of Majja dhatu dushti is Murchha and Bhrama (Fainting and vertigo). As per Jyotish science, also one of the malefic effect of Mangal is Apasmara (Convulsion and fall). As per Ayurveda, Bhrama and Murchha are Pittaj diseases. One of the manifestation of malefic *Mangal* is severe Trishna (thirst) which is again feature of aggravated Pitta as per Ayurveda. As per Jyotish science, malefic Mangal causes Pittajanya vikaras. Thus, interrelation between the Mangal Graha and Majja dhatu is proved.

In Jyotish science, *Shukra dhatu* is represented by *Shukra* (Venus). One of the manifestation of *Shukra dhatu dushti* is *Pandu* (anemia). As per Jyotish science, also one of the malefic effect of *Shukra* is *Pandu* (anemia). Whereas Ayurveda mentions *Klaibya* (impotence) as manifestation of *Shukra dhatu dushti*, Jyotish science had mentioned *Guhya rogas* (Genital disorders) as the effect of malefic Shukra. *Guhya rogas* is broad term used to include all types of Genital disorders. *Shrama* (Fatigue) is the common symptom mentioned by Ayurvda

and Jyotish science of Shukra dushti and malefic *Shukra* respectively. Ejaculatory failure or premature ejaculation are the features mentioned by Ayurvda and Jyotish science of Shukra dushti and malefic Shukra respectively. Mutrakrichhra (dysuria) is a obvious feature of malefic shukra mentioned by Jyotish science. As per Jyotish book Gadavali, the malefic Shukra also leads to the Ganikottha Vikaras (sexually transmitted diseases). Thus, interrelation between the Shukra Graha and Shukra dhatu is proved. Thus, interrelation between the Shukra Graha and Shukra dhatu is proved.

CONCLUSIONS

1. There exists a relationship between malefic *Budha* (Mercury) induced diseases and *Rasa Dhatu* (Plasma) *dushti* induced diseases.

2. There exists a relationship between malefic *Chandra* (Moon) induced diseases and *Rakta Dhatu* (Blood) *dushti* induced diseases.

3. There exists a relationship between malefic *Shani* (Saturn) induced diseases and Mamsa Dhatu (Muscle) *dushti* induced diseases.

4. There exists a relationship between malefic *Guru* (Jupiter) induced diseases and *Meda Dhatu* (Fat) *dushti* induced diseases.

5. There exists a relationship between malefic*Surya* (Sun) induced diseases and *Asthi Dhatu*(Bone) *dushti* induced diseases.

6. There exists a relationship between malefic *Mangal* (Mars) induced diseases and *Majja Dhatu* (Bone marrow) *dushti* induced diseases.

7. There exists a relationship between malefic Shukra (Venus) induced diseases and Shukra *Dhatu* (Semen) *dushti* induced diseases.

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