Pharmacellica Resonant

WORLD JOURNAL OF PHARMACEUTICAL RESEARCH

SJIF Impact Factor 8.084

Review Article

ISSN 2277-7105

Volume 10, Issue 8, 803-818.

A CLINICO-ANATOMICAL CONSOLIDATED DESCRIPTION OF SHADCHKARA & MARAMA – A CONCEPTUAL STUDY

¹*Dr. Arvind Kumar Yadav, ²Dr. Rita Marwaha, ³Dr. Nisha Bhalerao, ⁴Dr. Swatantra Kumar Chourasia and ⁵Dr. Shraddha Sharma

¹PG Scholar, P.G. Dept. of Rachna Sharir, Pt. Khushilal Sharma Govt. Auto. Ayurved College & Institute Bhopal (M.P.), India.

²Professor HOD & Co- Guide P.G. Dept. of Rachna Sharir, Pt. Khushilal Sharma Govt. Auto. Ayurved College & Institute Bhopal (M.P.), India.

³Associate Professor & Co- Guide, P.G. Dept. of Rachna Sharir, Pt. Khushilal Sharma Govt. Auto. Ayurved College & Institute Bhopal (M.P.), India.

⁴Assistant Professor & Guide, P.G. Dept. of Rachna Sharir, Pt. Khushilal Sharma Govt. Auto.

Ayurved College & Institute Bhopal (M.P.), India.

⁵Assistant Professor & Co- Guide. P.G. Dept. of Kaya Chikitsa, Pt. Khushilal Sharma Govt. Auto. Ayurved College & Institute Bhopal (M.P.), India.

Article Received on 14 May 2021,

Revised on 04 June 2021, Accepted on 24 June 2021,

DOI: 10.20959/wjpr20218-20964

*Corresponding Author
Dr. Arvind Kumar Yadav
PG Scholar, P.G. Dept. of
Rachna Sharir, Pt. Khushilal
Sharma Govt. Auto.
Ayurved College & Institute
Bhopal (M.P.), India.

ABSTRACT

Man is the best creature of God and it is made up of Panchmahabhuta (the five basic elements), *Atma* (soul) made up of Dosha, Dhatu and Malas. Balance of *Doshas* is known as health, misbalance in the *Doshic* state may lead to the disease. The human body have different systems and they work together continuously. The aim of *Ayurveda* is to preserve the health of a healthy Individual and to cure the diseases of a diseased person. Apart from physical health, we can achieve mental, social and spiritual wellbeing to know these spiritual dimensions of Ayurveda. There is a major role of *Marma* Chikitsa and *Yoga* along with *Ayurveda* to fulfill the above-mentioned goal specially in mental or psychic illness. The whole world is requiring

Marma therapy and Yoga as a weapon to combat the diseases of modern life. Marma Chikitsa and Yoga is practiced by many people for achieving the healthy state of life. A number of incurable diseases are treated with Marma therapy and yogic practices. In Yoga science there is chakras are important in psychic disorder imbalance. Chakras are energy centers in the

Arvind et al.

body and they maintain our physical, mental and spiritual wellbeing. Our body has seven major Chakras. The six main Chakras located along the spinal column are: *Muladhara*, *Swadhisthana*, *Manipura*, *column are: Muladhara*, *Swadhisthana*, *Manipura*, and *Ajna*. These chakras are related to some marmas points and play role in maintain mental & physical health.

KEYWORDS: Shadchakra, Yoga, Marma, Marma Chikitsa.

INTRODUCTION

The word "Marma" comes from Sanskrit origin "Mra" means place of Prana (life). Marma in Sanskrit means hidden or secret. By definition, a Marma point is a junction on body where two or more types of tissue meet, such as Mamsa, Sira, Snayu, Asthiand Sandhi (Muscles, Veins, Ligaments, Bones or Joints). Marma is defined as vital point of the body. These are special points in human body and any injury to these Marmas leads to disability and if not properly treated even fatal condition may develop. The Marmas are made up of Soma, Maruta, Teja, Raja, Satwa, Tama, and Bhutatma. During ancient times, knowledge of Marma was known to kings and warriors. It was applied in battle fields to hit and achieve maximum lethal effect on enemies. Knowledge of this science was used both in warfare and surgery and not only is this it also used for Chikitsa purpose. From common ailments to serious neuromuscular diseases, all can be treated by Marma Chikitsa.

The ancient texts of traditional science described *Rachna Sharir* as an important aspect of Ayurveda which plays significant role for understanding structural concept of human body. The history of surgery in India dates back to the Vedas in which transplantation of head, amputation of legs and its replacement by iron legs have been cited, as performed by divine twins *Ashvini Kumars*, the *Sushrut Samhita* is the oldest available text on surgery in the world, dating back to a time between 300 to 3000 BC.^[4]

*Marma Chikitsa*is the oldest treasure of Indian surgery from the Vedic period. During the Vedic era the knowledge of *Marma*was known to the emperors and warriors. The concept and practice of *Marma*was very popular in those days to achieve the maximum effect when contending with the enemies.^[5]

These *Marmas* point harmonize the nervous and endocrine system and normalize different pathology in the body through vital power itself, with proper stimulations/Manipulation. This

technique is known as *Marma Chikitsa*. *Marma Chikitsa* an ancient Indian practice whose purpose is stimulations / manipulation of *Prana* (vital energy) in the body for enhancing the healing process. *Marma Chikitsa* based on the action of 107 *Marmas* points in the body to access the body and mind.

Classification of Maram

In Ayurveda there are total 107 marma in the body. These are divided into different groups according to the physical matrices and also on the basis of their special features. The classification according to Sushruta is only five type but according to *Vagabhata* are six with inclusion of *Dhamani Marma*. *Acharya Sushrut*as categarised as;-

- 1. According to anatomical structure (*Rachna Bheda*) 5
- 2. According to region (*SadangaBheda*) 5
- 3. According to injury result (*ParinaamaBheda*) 5
- 4. According to measurement (*PramanaBheda*) 5

Table 1: According to anatomical structure (*Rachana Bheda*). [6,7]

| Types of Marma | As per Sushrut | As per Vagbhatta |
|----------------|----------------|------------------|
| MamsaMarma | 11 | 10 |
| Sira Marma | 41 | 37 |
| SnayuMarma | 27 | 23 |
| AsthiMarma | 08 | 08 |
| Sandhi Marma | 20 | 20 |
| DhamaniMarma | - | 09 |
| Total | 107 | 107 |

Table 2: Marma Classification According to region (ShadangBheda). [8,9]

| Types of Marma | Number of Marma |
|-------------------------|-----------------|
| Shakha(Bahu and Sakthi) | 44 |
| Udara | 03 |
| Urha | 09 |
| Prishtha | 14 |
| Jatroordhva | 37 |
| Total | 107 |

Table 3: Marma Classification According to injury result (ParinaamaBheda). [10]

| Types of Marma | Number of Marma | Mahabhootadhikya |
|--------------------|-----------------|------------------|
| Sadhyapranahara | 19 | Agni |
| Kalantarapranahara | 33 | Agni-soma |
| Vishalyaghna | 04 | Vayu |
| Vaikalyakara | 44 | Soma |
| Rujakara | 08 | Agni- vayu |
| Total | 107 | |

805

 $\begin{tabular}{ll} \textbf{Table 4: } \textit{Marma Classification According to measurement } (\textit{PramanaBheda})^{[11]} \\ \end{tabular}$

| Types of Marma | Number of Marma |
|--------------------------|-----------------|
| One Angula | 12 |
| Two Angula | 06 |
| Three Angula | 04 |
| Four Angula(Swapanitala) | 29 |
| Half Angula | 56 |
| Total | 107 |

Table 5: Marma Location Marmabhighata lakshan (according to Sushrut). [12]

| Shakha marma (44) | Marma | Location of marma | Marmabhighat lakshan | |
|-------------------------|-------------------------------|--|----------------------------------|--|
| 1 | Kshipra | Angusta anguli madhaya | Aakashepaen maranam | |
| 2 | Talhridya | Madyamaangulim anupurvaena talasaya madyae | Rujabhi marnam | |
| 3 | Kurcha | Kshiprasayoparistat ubhayatah | Bhramana, vaepanae | |
| 4 | Kurchasira | Gulpha sandhaeraadha ubhyatah | Ruja, shofa | |
| 5 | Gulfa (manibandha upper limb) | Paadjangyo sandhanae | Ruja, stabda padata, khanjata | |
| 6 | Inderavasti | Janga madhyae | Shonit kshyae maranam | |
| 7 | Janu (kurpar) | Jangourvu sandhanae | Khanjata | |
| 8 | Aani | Jaanunurdavamubyat trayangulam | Shophabhivridhi, stabdha sakthi | |
| 9 | Urvi | Urumadhyae | Shonitkshyata sakthishosh | |
| 10 | Lohitaksha | Urvyourdavamadhovankshan sandhaer moolae | Lohikshyan pakshaghata | |
| 11 | Vitap (kakshadhar) | Vankashana vrishanyor antarae | Shandaya, alpasukarata | |

Table 6: Udara Urha Marma.[13]

| 1 | Guda | Vatavarchonirsnam, sthulantra pratibadham | Sadyomarnam | |
|---|--|---|--|--|
| 2 | Vasti | Alpamansashonito abhyantartah katyam mutrashayo | Sadyomarnam | |
| 3 | Nabhi | Pakvaamashayormadhyae shira prabhava | Sadyomarnam | |
| 4 | Hridya | Stanyormadhyam, satvarajatama adhisthanam | Sadyamamarnam | |
| 5 | Stanamool (2) | Stanyoradastad dwayangulam ubayataha | Kaphapuran kostataya kasa swasabhyam mriyatae | |
| 6 | Stana rohit(2) Stanachuchakayorurdhavam dwayangulam ubayatah | | Lohitapuranakostaya kasa swasabhyam mriyatae | |
| 7 | Aplap (2) Ansakutyo adastad pasharvo upari bhag | | Raktaenpuyabhavam marnam | |
| 8 | | | vatapurankostaya kasaswasabyam marnam | |

Table 7: Prishtha Marma.[14]

| 1 | Kukunder | Parsharvajaghanbahirbagae pristavanshamubyatah natinimnae | Saparshagyanam, adhakayae chesto upgatah |
|---|---|--|--|
| 2 | Nitamba | Sronikandyauparyaashayaaachadanae parshavaantar pratibadho | Adhakayashoso daurbalyanch cha marnam |
| 3 | Parshava sandhi | Jagahan parsharvamadhyo tiryak udharvam cha jaghanat | Lohitapurnakostaya mriyatae |
| 4 | Katikaturuna | Pristavanshamubayatah pratishronikandam asthini | Shonitakshayat, panduvivrano, heenaroopa mriyatae. |
| 5 | Vrihati | Stanmoolatubayata pristavanshasya | Shonit atipravriti nimitair updravye mriyatae |
| 6 | Ansaphalaka Presto upari pristavansham ubyata trikasambdhae ansapalakae | | Bahvo swapa shosho |
| 7 | Ansa | Bahumurdha grivamadhyae nibandhanansapeethaskandha | Stabadha bahuta |

Table 8: Urdhva Jatroogat Marma. [15]

| 1 | Dhamaninela | Kanthanadimaubayatochatsro | Mookta, swaravaikritam, ras | |
|----|----------------|---|-----------------------------|--|
| 1 | manya – 4 | damnayo | agrahita | |
| 2 | Siramatrika -8 | Grivayam ubayatah | Sadhyo marnam | |
| 3 | Krikatika – 2 | Shiro grivyo sandhanae | Chalmurdhvata | |
| 4 | Vidura – 2 | Karnapristto adhah | Badhirta | |
| 5 | Fana – 2 | Ghranamargaubayatah srotomargapratibadhae abyantartah | Gandhaagyanam | |
| 6 | Apanga – 2 | Brupuchantayo akshanobahyato | Aandhya, dristiupghata | |
| 7 | Aavarta – 2 | Bruvoupari nimnayor | Aandhayam, dristiupghato | |
| 8 | Shankha – 2 | Bruvoantryoupari | Sadhyomarnam | |
| 0 | | karnlalatmadhayae | | |
| 9 | Utkshep - 2 | Shankhyo upari keshanta | Sashalyojivetpakatpatita | |
| | | | shalyova, na udrit shalya | |
| 10 | Sthapani - 1 | Bruvo madhyae | Like utkshep marma | |
| 11 | Simanta -5 | Pancha sandhyah shirsi vibhakta | Unmad, bhaya, chitanasha | |
| 12 | Shringataka - | Ghranashrotakshijihva | Sadhvomarnam | |
| 12 | 4 | santarpaninama | Sadhyomarnam | |
| 13 | Adhinati 1 | Mastakabyantaratuparistata | Sadhvomarnam | |
| 13 | Adhipati – 1 | sirasandhisannipato romavartavata | Sadhyomarnam | |

Table 9: Marmabhighata (Acording To Bagbhatta). [16]

| SN | Marma Name | Marmabhighata Lakshan |
|----|------------|---|
| 1 | MamsaMarma | When MamsaMarmais injured, there will becontinuous bleeding, |
| | | viscosity of blood is reduced, blood resembles likefleshy dilute |
| | | water, pallor of the skin, loss of function of sense organs and quick |
| | | death of the person. |
| 2 | SnayuMarma | When SnayuMarma, are injured, there will be bending of the body, |
| | | convulsions, very severe pain, inability for riding, sitting etc. |
| | | distortions of <i>Anga</i> or even death of a person. |
| 3 | Sira Marma | When Sira Marma injured, blood which is thick flows out of Sira |

| | | continuously in large quantity, due to blood loss symptoms like | | | | | | |
|---|--------------|---|--|--|--|--|--|--|
| | | thirst, giddiness, dyspnoea, delusion, unconsciousness and hiccup | | | | | | |
| | | arise and proceed to death of a person. | | | | | | |
| 4 | AsthiMarma | When AsthiMarma are injured, there is discharge of thin fluid mixed | | | | | | |
| | | with bone marrow intermittently and severe pain continuously. | | | | | | |
| 5 | Sandhi Marma | When Sandhi Marmaare injured, the site of injury feels as full of | | | | | | |
| | | spicules, even after healing of the wound there is shortening of the | | | | | | |
| | | arm, lameness, loss of strength and movement of joint, emaciation of | | | | | | |
| | | body and swelling of joints occurs. | | | | | | |
| 6 | DhamaniMarma | When <i>DhamaniMarma</i> are injured, the frothy and warm blood flows | | | | | | |
| | | out with sound and the person becomes unconscious. | | | | | | |

Importance of Marma Chikitsa

Marma Chikitsa is the oldest treasure of Indian surgery from the Vedic period. During the Vedic era the knowledge of *Marma* was known to the emperors and warriors. The concept and practice of Marma was very popular in those days to achieve the maximum effect when contending with the enemies. During the period of the Buddha the science of Marma was transformed into the different martial arts. [17] MarmaChikitsa contributes to increase or recharge physical, mental and spiritual energies. On the physical level it helps to revitalize or reenergize the body tissue, at cellular level, it improves the vital functions like digestion, respiration, blood circulation and excretion. On the psychological level it improves the mental faculty by directing it in the positive direction. It also offers a way to treat many psychosomatic aliments without any drugs. It harmonizes the functioning of the nervous and endocrine systems to control psychological disorders. On the spiritual level, reasoning of mind, regulation and transformation of thought in positive direction helps to concentrate towards the ultimate goal of life. [18]

Technique of Marma Therapy

Pre therapy exercise- it includes

Total relaxation of body

Deep breathing exercise

Perception of whole body

Locate Marma Sthana on body

Posture- the most common posture for the practice of self Marma therapy are- simple crosslegged posture, lotus posture, half lotus posture, diamond posture, sitting posture, standing posture.

Pressure – depend upon the nature of the *Marma*

Stimulation time- 0.8sec/ stimuli

Time -3 times per day

Repetition- 15-18 times in single sitting.^[19]

Marma may help to treat following pathological condition

- 1. Muscular pain
- 2. Joint pain
- 3. Respiratory obstructions
- 4. Nervous system disorders
- 5. Headaches & migraines
- 6. Mental stress
- 7. Fatigue
- 8. Vata vyadhi
- 9. Paralysis
- 10. Cervical Spondilitis

Shadchakras: The concept of Shadchakras has been derived from the Yog Shastra. Yoga is a deeper science which deals to ultimate knowledge of the self. The principal of the Yog Shastra also aim at achieving ultimate knowledge. The Rajyog deals with Astang Yog Namely as Yam, Niyam. Asan. Pranayam. Pratyahar. Dharna. Dhyan and Samadhi. These constritutes the steps of complete realization. The kundalini yoga involves the activation of the dormant Kundalini Shakti that is present the form of coiled serpent. This power is awakened by the movement of Prana of the Sushumna Kanda. When finally the Prana ascends past the Randhras, one become enlightened with the true knowledge.

The chakra also nothing but forms of energy in a chakra like from (circular) region along the *Sushumnakand*. They exist on the metaphysical plane and it denotes different level of consciousness. The activation of each *Chakra* take place by the ascent of the Kundalini Shakti along the *Sushumnakand*. The *Sushumna* form the base for all *Nadi*. *As Prana* moves along the *Sushumna* corresponding change take place in the Jiva. When the *Prana* moves up resulting in the ascent of *Kundalini Shakti* to the *Ajna Sahastrara chakra*, The Jiva in the physical body becomes awakened and proceeds towards moksh or salvation. [20]

In literary text, *Chakra* means "Wheels of light." These are the center of energy that are located throughout the body and provide a passage for energy to enter and exit our body and help to regulate all type of energy flow, i.e. physical, mental, emotional and spiritual. Our body has seven major *Chakra*. These seven *Chakra* are situated along the spine and each has special function. These are psychic center of the astral body governing a group of functions. Anatomically, these *Chakra* may represent the nerve plexuses which is having different functions according to their area of supply. These plexuses are in the form of spokes around wheel.^[21]

There are seven main chakras in the human body- *Muladhar*, *Swadhisthan*, *Manipur*, *Anahat*, *Vishudh*, *Ajna* and seventh *Sahasrar Chakra* (table-10) lying in a straight line from bottom to top in the spinal column.

Table 10: Brief description of seven Chakras. [22]

| Chakra | Location | Colour | Endocrine glands | Spokes | Mantra | Shakti | Elements | Adhisthata |
|------------------|---|--------------|------------------------|---|--------|---------|---------------------|------------|
| Muladhara | Perineum, midway b/w Genital organ& Anus | Red | Gonads | 04 (व,ष,स,ष) | LAM | Dakini | Prathivi (Earth) | Bramha |
| Swadhistha na | Соссух | Orange | Gonads | 6 (ब, भ, म, य, र, ल) | VAM | Shakini | Jala (water) | Vishnu |
| Manipura | Behind the navel in the spine | Yellow | Pancrease & adrenal | 10 (इ, ढ, ण, त, थ, द ध, न, प, फ) | RAM | Lakini | Agni (fire) | Rudra |
| Anahata | Chest(Heart centre) | Green | Thymus | 12 (क, ख, ग, घ, इ, च छ, ज, झ, ञ, ट, ठ) | YAM | Kakini | Prana (Air) | Ishwar |
| Vishuddha | Throat | Pale Blue | Thyroid & Parathyroid | 16 (अ,आ,इ, | НАМ | Shakini | Aakash (Void | Shiv |

| | | | | \$, 3, 3 v, ऐ,ओ, औ, ऋ, ऋ ळु ळु, अं, अ:) | | | | |
|------------|-------------------------------|--------|--------------------|---|----|------|-------|------|
| Ajna | Forehead (b/w eyebrows) | Blue | Pituitary & Pineal | 2 (ह—क्षं) | OM | Shiv | Manas | Shiv |
| Sahastrara | Above head | Violet | Pituitary & Pineal | 1000 | - | - | - | - |

Table 11: Brief description of seven Chakra. [23]

| SN | Chakra | Function | Vata dosha |
|----|--------------|---|-------------|
| 1. | Muladhara | Creative thinking, emotions and pleasure | Apana vata |
| 2. | Swadhisthana | Doubt, lack of faith, false knowledge | Apana vata |
| 3. | Manipura | Shyness, jealousy, desire, laziness, sorrow, ignorance | Samana Vata |
| 4. | Anahata | Hope, protection, anxiety, effort, power, consciousness | Udana Vata |
| 5. | Vishuddha | Origin of seven kinds of voice | Udana Vata |
| 6. | Ajna | Order | Prana vata |
| 7. | Sahastrara | consciousness Violet | - |

Sadchakra mechanism: When the Chakras are blocked, transformation is blocked, creating disharmony and suffering in our life When the Chakras are clear and "awakened" the mind and body become balanced and we gain full access to higher realms of existence.^[24]

Sadchkra in modern anatomical view –As describe **in** *Yoga* Shastra chakras are correlated to these anatomical structures.^[25]

- **1.** *Muladhara Chakra-4*, **Pelvic plexus and coccygeum**, Inferior haemorrhoidal plexus, vesical plexus, prostatic/vaginal plexus, spermatic/uterine plexus.
- **2.** *Swadhisthana Chakra:-6*, **Hypogastric** Or Abdominal Aortic Plexus, spermatic plexus, lt. colic plexus, sigmoid plexus, superior haemorrhoidal plexus, inferior mesenteric plexus.
- **3.** *Manipura Chakra: -10*, **Solar plexus**, phrenic plexus, hepatic plexus, .splenic plexus, superior gastric plexus, supra renal plexus, renal plexus, spermatic/ovarian plexus, superior mesenteric plexus, pancreatic plexus, colic plexus.
- **4.** *Anahata Chakra :-12*, **cardiac plexus**, rt. Deep cardiac plexus, lt. Deep cardiac plexus, anterior pulmonary plexus, posterior pulmonary plexus, superficial plexus, cardiac

- ganglionic plexus/lt. cardiac plexus, rt. Coronary plexus, ventricular plexus, lt coronary plexus, endocardial plexus, myocardial plexus, lt. cardiac plexus/bibder^s ganglion.
- 5. Vishuddha Chakra: -16, Cervical or carotid plexus, superior cervical plexus, cavernous plexus, cerebral plexus, pharyngeal plexus, laryngeal plexus, superior cardiac plexus, external carotid plexus, middle cervical plexus, thyroid plexus, middle cardiac plexus, inferior cardiac plexus, external cervical plexus, subclavian plexus, inferior cardiac plexus, vertebral plexus.
- **6.** Ajna Chakra:-2, Cavernous plexus and optic thalamus.

A plexus is a bundle of intersecting nerves, blood vessels, or lymphatic_vessels in the human body. These bundles typically originate from the same anatomical area and serve specific areas of the body. Bundles of nerves that form a plexus communicate information to your brain about pain, temperature, and pressure.

These nerve plexuses also send messages from the brain to the muscles, allowing for movement to occur. A plexus serves as an area where spinal nerves come together, are sorted, and then travel to their respective areas of the body. [26]

Function of a Plexus: A plexus of nerves can be thought of as an electrical junction box. Various nerves come together, are sorted, and then travel on to their respective muscle or anatomical structure to communicate signals to and from your brain.

This has a protective effect; an injury to one nerve may only affect specific parts of a muscle while leaving other parts intact that are innervated by a different nerve in the same plexus. [27]

Injury to a Plexus: -An injury to a plexus of nerves may cause various symptoms including pain, weakness, numbness and tingling, or paralysis of muscles. The most common plexus to be injured is the brachial plexus of the arm. This may occur due to tension and overstretching, compression, or tearing of the nerves in the plexus. An injury to a plexus may be minor, or it may be a severe problem. Minor plexus injuries result in mild symptoms that are temporary.^[28]

Sadchakra And Marmas:- The Chakras are energy fields which are located at different points along the spine. The Marmas are the points (or areas) on the skin where there is a strong connection between consciousness and the physiology. Marma and Chakras same on the basis of 1.both have *Prana* or vital power, 2. If injured both have disability of death, 3.

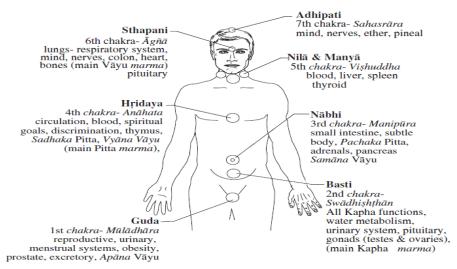
Both are beneficial in spiritual and mental health by its power, 4. Chkra have similarly anatomical site as Marma.

On the basis of anatomical and functional of chkrasa are correlated to Chkarkas Corresponding to the seven Chakras as. [29]

| SN | Marma | Sadchakra | |
|----|----------------|---|--|
| 1 | Adhipati | Controls the 7th <i>Chakra Sahasrara</i> , the pineal gland, the nervous system as a whole, the lubrication of the brain, the power of thought and feeling, and the primary elements of life for health, | |
| | | happiness and strength (Ojas, Agni and Prana). | |
| 2 | Sthapani | Controls the 6th Chakra (<i>Ajna</i>), and provides the eyes, ears and nose with prana energy. In addition it acts on the pituitary gland | |
| 3 | Nila/Manya | Nila controls the throat Chakra, the thyroid gland, the blood circulation to the brain and the language | |
| 4 | <u>Hridaya</u> | Controls all the energy pathways and Marmas of the organism and also the great blood vessels, the respiratory system, the lymphatic system, the channels for distribution of the first essence of food. | |
| 5 | Nabhi | Controls the third Chakra, <i>Manipura</i> . The main task is to ensure the flow of nutrients along the various digestive stations from the stomach through the small intestine and large intestine to the rectum. The fire at the centre of our life, the digestive fire, Agni, is located here. | |
| 6 | Basti | Controls the second Chakra, the excretions especially of the urinary organs, but also of the colon, and menstruation. It stores sexual energy and controls the functioning of the sex organs. It is responsible for a wide range of physical functions | |
| 7 | Guda | Controls the first Chakra and is, as the bladder Marma, involved in control of excretory functions. Pelvic floor exercises directly affect the muscle Marma Guda and strengthen it | |

Diagramatic presentation of sadchakras and marma

Marmas and Chakras



DISCUSSION

Majour Marma points correspond to the seven Chakras or energy centers of the body, while minor points radiate out along the torso and limb. Marma Chikitsa is an important aspect of Ayurvedic treatment where the application of pressure or stimulation on thse *Marmas* points induces the flow of Prana (vital energy) along a complete system of subtle channels called Nadis. Message is widely applied in the treatment of Marma.

Marma Chikitsa is used to treat the disease of nervous system with brain. Marma Chikitsa is usefull to treat traumatic neurological or neurosurgical lesion, traumatic paraplegia, hemiplegia and monoplegia etc. In orthopedic lesions especially prolapsed intervertebral disc etc. it is helpful to reduce the pain of nerves, muscles, ligaments, bones and joints. It is also usefull to improve the function of body organs achieving homeostasis.

Marma Chikitsa works on the neuro-endocrine system. Actually due to pressure or stimulation over these points, certain chemical substance and neurotransmitters are release like endorphins and enkephalin which send nerve impulse to brain causing the desired effect. Another theory state that the very small electrical changes that occur at Marma points is found to capable of producing effect for in responsible for triggering the desired effect. The gate control theory of brain is state that nerve and bere are large bundles of various of various size some of them are thick & some are thin transmit the sensation of pain while the thick carry the tactile sensation, thus if the thick impulse is increased the selectively block of the conduction of thin fibers, this is called the gate control theory.

Charak accepts the existence of 107 Marma, still he ignore description of their location, structure etc. Emphasis is given three very important structure of the body such as *Shira*, Hradaya and Basti, they are called Mahamarma. According to Trimarmiya Shira (head) head are related to nervous system, Hridaya (heart) are related to cardiovascular system and Basti (Bladder) are related to urinary system including the kidneys, bladder and urethra.

Shadchakra are crucial points of energy that we use, where consciously or unconsciously to affect of realty and allows us tofully experience and realize events that unfold before us. These focal points are called *Chakras*. *Chakras* are locate in important part of our body such as heart, head, bladder etc. (in place of Trimarma). Any organ within the area of these Chakras are used to control the entire body and mind actives. There are seven chakras in human body, which are located along the spinal cord of a human being and they have unique attributes and charecteristics, they are *Muladhar,Swadhisthan,Manipura,Anahat,Visuddha*, *Ajna* and *Sahastraksh*. Each Chakras influences endocrine glands and nerve plexus and correlated to energy bodies and higher realms.

The main task of Chakras are absorb and distributing Prana (vital force) to our physical body. when the *Kundalini* adds with the Prana ,the body become rapid and insight in the higher world body become conscious to get the peak spiritual potent the great mass of *Kundalini* energy lock in the Chakra must be released to travel through all Chakras up to the crown Chakra (Guda Chakra to Sahastraksh Chakra).

CONCLUSION

Chakra: Sahastraksh Chakra may be control pittutary gland function and responsible fore activities of nervous system.

Ajnya Chakra may be control the function of pineal gland through *Prana Vata*, it is realted to brain function.

Visudhha Chakra may be control the function of thyroid and parathyroid glands through Udana Vata.

Anahat Chakra may be control the function of thymus glands through *Udana Vata* and function of cardiac plexus.

Manipur Chakra may be control the function of pancreas through Samana Vata and function of Solar plexus.

Swadhisthan Chakra may be control the function of pelvic plexus and related to gonads.

Muladhar Chakra may be control the function of adrenal glands through Udana Vata and function of sciatic plexus.

Marma

The potential of Marma sastra as remained unexpectation.

The understanding of Marma needs better understanding of the principle of ancient anatomy. The management can be classified as acute corrective and subsequent management based on *Tridosha* theory.

The nature of the subsequent management is rejuvinative in most occasions.

Sincere effect have to the made in documentaly and incorporating of the traditional offshoot of Marma theory scattered over various part of our country.

Possible clinical effects of *Marma chikitsa:*- restore the natural function of Oj,Teja and Prana at energy level (i.e.-Chakra region).

- Restore the normal function of Tridosha at internal level.
- Exadicates disorder of body and mind.
- Enhance immune mechanism of the body.
- Boost internal pain killing mechanism.
- Supresse progression of disease.
- Improve overall well being.

Marmas are vital points, centers for the *Prana* and chakra are also energy center of the body. According to *Ayurved* health is the condition of balance *Doshas*, Agni, Malas and also healthy Atma, Indriya and Mana e.t.- Ayurved focused on physically as well as mentally health. At present time most of the disease is psychosomatic. *Marma* and *Sadchakra* are enhancing our vital energy and decrease stress level. *Marma* are one of the main pillars of Ayurvedic thought and practice. Marma Chikitsa can be used along with all *Ayurvedic Chikitsa* like *Panchakarma*. *Sadchakra* are *main* component of yogic science and they are related to our body plexus. Sadchkra position in our area meridian of three main organs (heart, kidney & brain) and several endocrine glnads.

In Marma Chikitsa and Sadchakra is the best technique to attain the effects of Yoga and Pranayama and maintain body homeostasis. Both are non-invasive method of treatment for happy life, it is also helpful to control crime by the changing of mental condition through spiritual power. Marma chikitsa and Sadchakra can be a milestone in the field of Medical science by the proper knowledge and interrelation of them through Ayurvedic living anatomy as well as physiology.

REFERENCES

1. Ghanekar Dr. Bhaskar Govind. Ayurveda Rahusya Deepika Hindi commentary on Sushruta Samhita sharirSthanam. New Delhi, Mehar Chand Lachmandas Publication. Su. Sharir, 1998; 6/2: 183.

- 2. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, SharirSthan. Chap, 2012; 6/3: 67.
- 3. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-2, Sharirsthan, SharirSthan. chap., 2012; 6/37: 77.
- 4. Dr. Sunil Kumar Joshi. *Marma*Science and Principles of *Marma Therapy*, New Delhi, Vani Publications, 2019; 16.
- 5. Dr. Sunil Kumar Joshi. *Marma*Science and Principles of *Marma Therapy*, New Delhi, Vani Publications, 2019; 33.
- 6. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, SharirSthan. Chap, 2012; 6/4: 67.
- 7. Dr.Brahmanand Tripathi, Ashtanghridya, Nirmala hindivyakhya, Delhi, Chaukhambha Sanskrit Pratishthan Delhi, Sharirsthan, chapter, 2015; 4/40-44: 395.
- 8. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/5 page-67.
- 9. Dr.Brahmanand Tripathi, Ashtanghridya, Nirmala hindivyakhya, Delhi, Chaukhambha Sanskrit Pratishthan Delhi 2015, Sharirsthan, chapter 4/02 page- 387.
- 10. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/8-14 page-68-69.
- 11. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/29-30 page-76.
- 12. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/25 page-72.
- 13. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/26 page-73.
- 14. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/27 page-74.

- 15. Shastri Dr. Ambika Dutta, Sushrut Samhita, Ayurveda Tattva Sandipika, Varanasi Chaukhambha Sanskrit Sansthan Varanasi, Volume-1, 2012, SharirSthan. chap. 6/28 page-75.
- 16. Dr. Brahmanand Tripathi, Ashtanghridya, Nirmala hindivyakhya, Delhi, Chaukhambha Sanskrit Pratishthan Delhi 2015, Sharirsthan, chapter 4/47-51 page- 397.
- 17. Dr. Sunil Kumar Joshi. MarmaScience and Principles of Marma Therapy, New Delhi, Vani Publications, 2019 page-33.
- 18. Dr. Sunil Kumar Joshi. MarmaScience and Principles of Marma Therapy, New Delhi, Vani Publications, 2019 page-40.
- 19. Dr. Sunil Kumar Joshi. MarmaScience and Principles of Marma Therapy, New Delhi, Vani Publications, 2019 page-71
- 20. Dr. Pradeep Kumar Moharan, A text book of anatomy, Delhi Varanasi Chaukhambha Sanskrit Pratisthan Delhi, Volume-2nd, 2009 satchakra page-212.
- 21. Gupta A. Varanasi: Banaras Hindu University; 2014. A Critical Study on Manipura Cakra, its Anatomical Correlates and Clinical Significance (Unpublished Master's Thesis) [Google Scholar]
- 22. Saraswati Swami Niranjanananda, Textbook of Prana and Pranayama 13th Edition, published by Yoga Publications Trust, Bihar 2013, Chp 3, Page-27-35.
- 23. Shweta Vishwakarma & Ishwar Pratap Singh Raghuwanshi: Conceptual Study On Shadchakras And Its Applied Aspect& Importance In Sharir Vigyan. International Ayurvedic Medical Journal {online} 2019 {citedAugust, 2019} Available from: http://www.iamj.in/posts/images/upload/1328_1333.pdf
- 24. Chakras: Balance Your Body's Energy for Healthand Harmony yogajournal.com (and yogajournal.com), 10-28.
- 25. Dr. Mahendra Singh. Rachna Sharir Vignyan, chaukhambha orientalia Varanashi, volume 2nd uttamangiya evam nadi sansthan sharir, 2018; 5: 253-256.
- 26. https://www.verywellhealth.com/what-is-a-plexus-5079595.
- 27. https://www.verywellhealth.com/what-is-a-plexus-5079595.
- 28. https://www.verywellhealth.com/what-is-a-plexus-5079595.
- 29. https://www.verywellhealth.com/what-is-a-plexus-5079595.