

## Introduction of *Trimarma* with Special Reference to *Sirah Marma*

Dr. Noopur Singh Solanki<sup>1</sup>, Dr. Nishi Jain<sup>2</sup>

<sup>1</sup>PG Scholar 2<sup>nd</sup> Year, Department of Sharir Rachana, NIA, Jaipur.

<sup>2</sup>PhD Scholar, Department of Sharir Rachana, NIA, Jaipur.

Corresponding Author: Dr. Noopur Singh Solanki

### ABSTRACT

Concept of *Marma* is such an imperative and unique principle of *Ayurveda*. *Trimarma* are the basic organs of body representing the three different systems- nervous, cardiovascular and urinary system. *Trimarma* are gaining importance as “tripod of life” because they are more *Sadhyopranhara Marma* than other *Marma*. *Sirah Marma* is considered first because trauma to head causes disturbance in respiratory, circulatory and temperature regulating centre in brain may lead to unconsciousness and death. Acharya Charak has stated that *Prana* is situated in *Siras* which is also called as *Uttamangam* due to its control over all the *Indriya*. In this paper an effort is made to compile and analyse the fundamental concept of *Trimarma*.

**Key words:** *Marma, Sirah Marma, Trimarma*

### INTRODUCTION

*Marma* are said to be the sites where there is the conglomeration of *Mamsa, Sira, Snayu, Asthi* and *Sandhi* and at these places *Prana* resides specially by nature. [1] *Marma* are constituted by six vital elements i.e., *Soma, Maruta, Tejas, Satva, Raja* and *Tama* and where *Jivatma* resides. Hence, any injury to *Marma* proves to be fatal. [2] (*Su. Sha.6/ 46*) All the classics analogously opine for 107 *Marma* [3] in the body but on point of narration only three of them – *Trimarma* – *Sirah, Hridaya* and *Vasti* are mentioned. *Marma* of the trunk are more vital than the *Marma* of extremities, as the extremities are connected to and depend on the trunk. Even among the *Marma* of trunk *Trimarma* are more important.

#### **TRIMARMA:**

*Marma Traya* are included in *Pranayatana* i.e. site of *Prana*. [4] As the base is destroyed, the dependent is also destructed. Likewise, the destruction of any of the three

*Marma* may destroy the *Prana*. One should protect these three *Marma* from external as well as internal injuries. [5] *Trimarma* included in *Sadyahpranahara Marma*.

**Sirah:** All the sense organs and the channels carrying the sensory and vital impulses from the *Sirah* are like the rays from the sun. This verse truly signifies *Sirah* as a *Trimarma* as it correlates it completely to the Brain. [6]

**Hridaya:** It is a structure which resembles a *Pundarikena, Kamalamukulakaram* (lotus) in inverted position. When body is in active phase it expands and contracts in inactive phase. [7]

**Vasti:** Acharya Charaka also quotes the importance of *Vasti* as a *Trimarma* saying that it means that the region named *Vasti* is in the middle of *Sthula Guda, Mushka, Sevani*, the *Nadi* (channels) transporting *Mutra* and *Shukra*. It acts as the Reservoir of *Mutra*. As different rivers fill the ocean in similar fashion all the *Ambuvaha Srotas* (channels) transporting water fill the *Vasti*. [5]

**Sirah Marma:**

**Introduction**

Derived from the root *Sru* with *Asun Dhatu* which is meant in the following subjects: [8]

That which is full of *Guna* – Best qualities is *Sirah*.

That which remains on top, above other like a mountain or horn is *Sirah*.

That which is most important or of supreme significance is *Sirah*.

On which the other body organs dependent for their function is *Sirah*.

**Definition and Site**

*Acharya Charaka* in *Sutra Sthana* was the first to frame the definition of *Sirah* where he quotes *Sirah* is a structure or place situated at top in the body and therein resides the *Prana* with all the senses. So it is the best of all the organs. This definition of *Sirah* promotes us to believe *Siras* as Brain.

[9] It is the top or foremost region of body, head or skull (location of brain and senses). If it is injured or diseased can create an emergency or prove fatal.

**Synonyms-**

*Uttamanga* i.e. the best organ of the body, [9] *Shirsha* i.e. the upper part, top, tip, forepart - Skull or Head, [10] *Mastaka* i.e. *Shiraso Urdhva Bhaga*, [11] *Mastishka* i.e. *Shirastho Majja*, [12] denotes brain, widely accepted as vital spot of body *Marma*.

**Anatomical Consideration:**

Our classics have not designated any separate anatomical position to *Sirah* as *Marma* or *Trimarma*. Collectively group of *Marma* forms *Sirah Marma*. *Urdhvajatrugata Marma* excluding neck *Marma* are include in *Sirah Marma*. As clarified in the definition of *Sirah* by *Acharya Caraka* physiologically *Sirah Marma* is the location of *Mastishka* (Brain). It is the residence of *Prana* and all *Indriya* (senses). [13]

Dosha	Type of Dosha reside in Sirah
Vaat	Prana <sup>[14]</sup> Vyana Vayu <sup>[15]</sup> Udana <sup>[16]</sup>
Pitta	Buddhivaisheshika Alochaka(Bhela Unmada Cikitsa-Sthana), Sadhaka Pitta <sup>[12]</sup>
Kapha	Tarpaka <sup>[17]</sup>

**Importance**

*Shaunakya* and *Kumarshira Bharadwaja* emphasized that head of the fetus develops first, because it is the site of all the important *Indriya*. 107 *Marma* (vital parts) in the human body and *Pradhana Marma* is *Sirah*, *Sadyopranahara* in nature. Injury to *Sirah* may lead to death of the patient. [18] *Vagbhata* has described ten “*Jivita Dhatu*” in which *Sirah* is present. [19] *Vagbhata* has compared human being with a tree, with roots at the top and branches at the bottom and defined head as a site where all sense organs along with the *Prana* resides . [20] It is supreme of all organs as consciousness is present in it. As the base is destroyed, the dependent is also destructed. Likewise, the destruction of any of the three *Marma* may destroy the *Prana*. Hence, one should protect these three *Marma* from external as well as internal injuries. [5]

**Marma within Sirah Marma-**

*Vidhura*, *Phana Apanga Avarta Utkshepa Shankha Sthapani Simanta Sringataka Adhipati*.

**Injury of Sirah Marma** [5]

*Manyastambha* (rigidity of neck), *Ardita* (facial paralysis), *Chakshu-Vibhrama* (giddiness), *Tamas*(darkness before eyes), *Udveshtana* (squeezing pain), *Chestanasa* (loss of motor functions), *Kasa* (cough), *Svasa* (respiratory difficulty), *Hanugraha* (rigidity of jaw), *Muka* (dumb), *Gadagada* (stammering), *Akshi-Nimilana* (ptosis), *Ganda-Spandana* (vibration of cheeks), *Jrimbhana* (yawning), *Lalasarava* (salivation), *Svarahani* (loss of voice) and diseases of face and tongue.

**DISCUSSION AND CONCLUSION**

The direct understanding of word *Marma* in ancient science was evident, but there were no adequate techniques to make out their original structural aspects involvement in particular *Marma Sthana*. Though classics have explained 107 *Marma* in detail, *Charaka* has emphasized and given importance to only *Trimarma* in

decreasing order *Sirah, Hridaya and Vasti* as tripod of life. *Marma* are the superficial parts as well as systemic organs with respect to *Trimarma*. *Trimarma* are the center points of life, *Sadyahpranahara Marma* and so if injured lead to death within 7days. In present era, knowledge of *Marma* is seen in the sports field, TCM, martial arts, *Kalari Payattu* as applied anatomy of *Marma Vijnana* to protect vital points.

External trauma that directly injured the *Marma* in turn creates disturbance in the homeostasis of body. If any *Marma* affected rigoursly, after a certain period of time *Trimarma* are always affected, being seat of *Dosha* leading to interruption of function of *Trimarma*. Any disease afflicting to *Pranayatana*, complexity of disease and prognosis in *Trimarma* is more severe than others. *Charaka* was less concerned to the external trauma that directly injures the *Marma* but being a physician he was well concerned to the internal trauma caused by the vitiated *Tridosha* that generally affect these *Trimarma*. *Cakrapani* explains nothing other than these *Trimarma* have capability of hosting body. Hence, *Trimarma* highlighted than the other *Marma* of the body.

*Siras* is an organ or structure located at the top or foremost region of the body. *Siras* is a very important structure or part of the body as it is location of brain and senses etc. The Synonyms like *Uttamanga, Aditya* directly clarify its important as *Marma*. While the synonyms like *Murdha* glorify its action as a *Marma*. It is said as an organ, injury to which leads to fatal. When *Mastishka* is used as its synonym it denotes brain and it is widely accepted as a vital spot of the body – *Marma*. Hence, it may be considered as skull with brain.

## REFERENCES

1. Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Sharir Sthan 6, 2011
2. Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Sharir Sthan 6/46, 2011
3. Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Sharir Sthan 6
4. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, Sutra Sthana das pranayatan.
5. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, siddh Sthana 9
6. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, Siddhi Sthana 9/4
7. *Sushruta Samhita of Sushruta* with the Nibandhasangraha Commentary of Sri Dalhanacharya and the 'Nyayachandrika Panjika' of Sri Gayadasacharya on NidanaSthana edited by Vaidya Yadavji Trikamji Acharya, Chaukhamba Surbharati Prakashan, Varanasi.2012
8. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, Viman Sthana 8/117.
9. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, Sutra Sthana 17.
10. Sanskrit- English Dictionary, Monier Williams, the Clarendon Press Oxford, 1951.
11. Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Sharir Sthana 5/4.
12. Chakrapani on Agnivesha - Charaka samhita, revised by Charaka& Dhridabala,

- with Ayurveda Dipika Commentary by Cakrapanidatta, edited by Vaidya Yadavaji Trikamji Acarya, Chaukhambha Sanskrit Sansthan, Varanasi, 5th edition, 2001. Siddhi Sthana, 9/79.
13. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996, Sutra Sthana 8.
  14. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996. Chikitsa Sthana 28/6.
  15. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996. Chikitsa Sthana 28/9.
  16. *Udana(Su.Ni.-1/14)*<sup>18</sup> Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Nidan Sthana 1/14.
  17. Charaka Samhita with Vidyotini Hindi Commentary by Pt. Kashinath Shastri & Dr. Gorakhanatha Chaturvedi, Part-1&2, Published by Chaukhambha Bharti Academy Varanasi, 22nd Edition 1996. Sharir Sthana 1.
  18. Sushutra, Ambika Dutta Shastri, Sushutra Samhita with Elaborated Ayurveda Tatva Sandipika Hindi Commentary, Reprint. Varanasi: Choukhambha Sanskrit Sansthan, Sharir Sthana 6/15.
  19. Vagbhatt, Kaviraj Atridev Gupt, Ashtang Hridayam Vidyotini Hindi Commentary, Reprint. Varanasi: Choukhambha Prakashan, 2012, Sharir Sthana 3/13.
  20. Vagbhatt, Kaviraj Atridev Gupt, Ashtang Hridayam Vidyotini Hindi Commentary, Reprint. Varanasi: Choukhambha Prakashan, 2012, Uttara Sthana Chapter 24/58.

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