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**Review Article** 

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# GENERAL APPROACHES OF NETRA KRIYA SHARIRA AS PER ANCIENT AYURVEDA

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#### **ABSTRACT**

Shalakya Tantra is one among eight branches of Ayurveda. It is composed of two words- Shalakya and Tantra. Shalaka is primary instrument in surgical procedure and Tantra is well classified system of ayurved medical knowledge. This stream deals with urdhawajatrugata region means organ located above Griva Mulam like Netra, karna, Nasa, mukha, Danta, Talu, Shira, etc. Shalakya tantra contains various chikitsa like Netra Chikitsa, karna Chikitsa, Nasa Chikitsa, mukha Chikitsa, Danta Chikitsa, Talu Chikitsa, Shira Chikitsa and etc,. According to modern shalakya tantra deals with major ophthalmic problem Timira (refractive error), linganasha(catract) evaluation, Abhishyand (Conjunctivitis), Adhimantha (Glaucoma), ENT diseases,

Oro-Dental issues. Various surgical, para- surgical and drug based treatment described under the title of Shalakya Tantra. Present article described general approaches of netra kriya sharira as per ancient ayurveda

**KEYWORDS:** Shalakya Tantra, Ayurveda, Urdhvajatrugata, Netra Kriya.

#### INTRODUCTION

Shalakya Tantra is like as deep ocean it doesn't completely explain any number of verses.<sup>[1]</sup> With all other sensory faculties, strength, beautiful appearance etc,. But without Drashti, he will be as useless as an insect<sup>[2]</sup>, Netra is prtyanga of the head.<sup>[3]</sup> Fifty six subsidiary parts in a different method of classification Akshi Vartma, Akshi Kaninika, Bhru, Akshi Kuta are name as Pratyanga.<sup>[4]</sup>

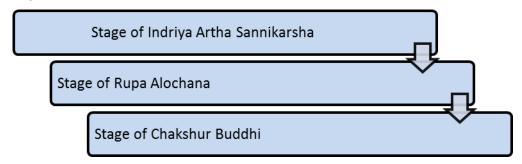
#### Pancha bhautikatwa<sup>[5]</sup>

| Mahabhuta | Netra bhaga | Part of the eye          |  |
|-----------|-------------|--------------------------|--|
| Prithwi   | Palam       | Muscular parts           |  |
| Agni      | Rakta       | Vascular parts and blood |  |
| Vayu      | Krishna     | Black portion            |  |
| Jala      | Swetam      | White portion            |  |
| Akasha    | Ashru marga | Lacrimal structure       |  |

#### Parts of the eye

| Mandala <sup>[6]</sup> | Sandhi <sup>[7]</sup> | Patala <sup>[8]</sup> |
|------------------------|-----------------------|-----------------------|
| Drishti Mandala        | Pakshma-Vartmagata    | Tejo-jalashrita       |
| Krishna Mandala        | Vartma-Shuklagata     | Pishitashirita        |
| Shukla Mandala         | Shukla- Krishnagata   | Medashrita            |
| Vartma Mandala         | Krishna-Drashtigata   | Asthiashrita          |
| Pakshma Mandala        | Kaninika              | Urdwa vartma          |
|                        | Apanga                | Adho vartma           |

#### Netra Kriya Shaririam



#### 1. Indriya Artha Sannikarsha

This process comes under pratyaksha (prati+akshya= towards sense organ) means contact between eye and object. The image- Rupa travels in the media of light toward Akshi here Rupa is Indriya Artha, light is Indiya Dravya and Akshi is indriya Adhisthana. This perception of Indriya Artha by Indriya takes place in complex mechanisms like: conduction of light rays reflected by the object toward the eye, refraction inside the eye and convergence into Drishti. Vata Dosha is the functioning in this stage, in presence of normal stage of the Pitta Dosha and Kaph Dosha.

#### 2. Stage of Rupa Alochana

This is the stage of the receiving and analysing the images. Alochaka Pitta one of the Pitta Dosha is done Rupa Grahana. According to Astanga Sangraha Aalochaka Pitta situated in Antaha Taraka is capable to Rupa Grahanvat. Chakshu Vaisheshika and Buddhi Vaisheshika carry out this function with help of Alochaka Pitta.

| Function of the Chakshu Vaisheshika <sup>[12]</sup> | Function of the Budhhi Vaisheshika <sup>[13]</sup> |
|-----------------------------------------------------|----------------------------------------------------|
| Gnana Udirana (Stimulation)                         | perceive minute details by Gnana                   |
| Bringing this to Chitta (Mind)                      | provide complete visual perception                 |
| Informing about Lakshana, Samsthana, Rupa,          | records visual images and remembers these          |
| Vrana and Swara                                     | images for long time                               |
| Pranipata Gnana(Analysing the images)               | recall and recollects, when necessary              |
| Vaisheshika Gnana (Special awareness of             | helps to force the future things                   |
| minute detailing)                                   |                                                    |

Chakshurbudhi takes place in two phase Kshanika and Nischayatmaka. The momentary knowledge is obtained by Kshanika Chakshura Budhhi which will be confirmed by Nischayatmaka Chakshura Budhhi.<sup>[14]</sup>

### According to Acharya Shushruta<sup>[15]</sup>

This process done by two theory 1. Theory of Tulya Yoni 2. Theory of Pancha Panchaka Theory of Tulya Yoni: Common forms the basis of sensory perception. According to Dalhan, water in the river moving to join sea. The similarity is responsible for this attraction as similar things always go together. There are two reason for such thing one is Swabhava(nature) second is Vibhutwa (Dominance of Mahabhuta).<sup>[16]</sup>

Theory of Pancha Panchaka: the light which illuminates the objects and the eye receive it, both procedures done by Teja Mahabhuta. The eye receives only Rupa and nothing else. Pancha Panchaka<sup>[17]</sup>

| Pancha Panchaka | In general         |  |
|-----------------|--------------------|--|
| Chakshu         | Indriya            |  |
| Jyoti           | Indriya Dravya     |  |
| Akshi           | Indriya Adhisthana |  |
| Rupa            | Indriya Artha      |  |
| Chakshur Buddhi | Indriya Buddhi     |  |

#### **Role of Mind**

Mind motivates the sensory faculties to perceive their respective objects.<sup>[18]</sup> Vision, is a process of mental interpretation. The picture which the mind see, is not the impression on the retina, but mental interception of it. Vision depends on the mind's imagination. When the imagination is perfect, sight is good diversion of mind is one among the inhibitory factor of vision.

## Pratyaksha Anuplabdhi<sup>[19]</sup>

Improper visual perception

| Improper visual perception | Cause                                                     |  |
|----------------------------|-----------------------------------------------------------|--|
| Ati Sannikarsha            | Its over proximity to the eye                             |  |
| Ati Viprakarsha            | Is not visual to the long distance                        |  |
| Avarana                    | Can not be seen due to Avarana                            |  |
| Karandaurbalaya            | Do not perceive proper knowledge due to defect in the eye |  |
| Mano Anavasthana           | Diverted mind unable to perceive proper knowledge         |  |
| Abhi Bhava                 | Objects hide under another perception                     |  |
| Ati Shukshma               | Very small to perception                                  |  |

#### **CONCLUSION**

Without proper knowledge of basic kriya shariram of netra difficult to get proper knowledge about netra roga. vitiated dosha accumulated the eye and produce the 76 types of netra roaga.

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