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Clinical study of vataj netrabhishyanada and its effects in Ayurveda

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Abstract

Ayurveda is a science which has laid emphasis for the maintenance of a healthy life as well as for the disease condition. Ayurveda science has mentioned various branches which is called 'Ashtanga Ayurveda' in which Shalakya Tantra was one among them [1]. There are various disorders included in Shalakya Tantra like diseases of Netra, Nasa, Karna etc. Netrabhishyanda is one of the important and commonly found disorder in general and ophthalmic practice. In this Vataja Type of Netrabhishyanda had been selected for the case study. This was correlated with the Simple Allergic Conjunctivitis in modern science. In Ayurveda there are various treatment modalities were mentioned for Netrabhishyanda. Vataja Netrabhishyanda is type of Abhishyanda. Ayurveda has given various lines of treatment, less side effects and helps to give relief.

Keywords: Vataj netrabhishyanda, allergic conjunctivitis, case study

Introduction

Vataja Netrabhishyanda is one of the Sarvagata Netraroga which was characterized by Todavata Vedana (Pricking Pain), Sangharsha (Foreign body sensation), Acchaashruta (watery discharge), Alpa sopha (Mild chemosis), Vishuskabhava (feeling of dryness) etc [2]. The symptoms of Vataja Netrabhishyanda was similar to the Simple Allergic Conjunctivitis. Simple allergic conjunctivitis was commonly found disorder in daily practice. It is a mild, nonspecific allergic conjunctivitis characterized by itching, hyperaemia and mild papillary response. Basically, it is an acute or subacute urticarial reaction [3].

Allergic conjunctivitis or conjunctival symptoms are seen in 30-71% of patients with allergic rhinitis. Allergic conjunctivitis alone has been estimated in 6-30% of the general population⁴. In contemporary medicine there are having side effects which are associated with other conditions. Therefore, there is need to find effective management in the *Ayurveda* science. Simple Allergic Conjunctivitis is one of the commonest disease found in today's practice. In this case study, *Eranda Mooladi Ksheerapaka Ashchyotana* in the management of *Vataj Netrabhishyanda* w.s.r. to Simple Allergic Conjunctivitis.

Objectives of the study

To study the effect of *Eranda Mooladi Ksheerapaka Ashchyotana* in the management of *Vataj Netrabhishyanda* w.s.r. to Simple Allergic Conjunctivitis.

Case study

A 28 years old male patient came hospital with symptoms like *Todavata Vedana* (Pricking Pain), *Sangharsha* (Foreign body sensation), *Acchaashruta* (watery discharge), *Ragata* [Redness], *Alpa sopha* (Mild chemosis) [Right eye] since from 3 days. Patients Nidana was assessed initially along with *Ashtavidha* and *Dashvidha Pariksha*.

Name of Patient - XYZ, 28 years - Male

- Religion Hindu
- Occupation Worker

Chief Complaints

- Todavata Vedana (Pricking Pain)
- Sangharsha (Foreign body sensation)
- Acchaashruta (watery discharge)

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- Ragata [Redness]
- Alpa sopha (Mild chemosis)

Ashtavidha Pariksha

- Nadi 82/min
- Mala Samyaka.
- Mutra Samyaka
- Jivha Alpa Saam
- Shabda = Spashta
- Sparsha Prakruta
- Druka Prakruta
- Akruti Madhyama

General Examination

- PR 82/min
- BP 130/70 mm of Hg
- RS AE = BE, Clear
- CVS S₁ S₂ N
- CNS Conscious, Oriented
- P/A Soft, No Tenderness

Past History

H/O - Travelling in pollution.

Treatment

Treatment was given with *Eranda Mooladi Ksheera Paka Ashchyotana* for about 5 days of treatment.

Drug	Eranda Mooladi Ksheera Paka Ashchyotana ⁵
Method	Ashchyotana
Study duration	5 days
Observations during treatment	Baseline, 0 th , 5 th & 7 th days
Dose	1 drop 4 times per day
Kala	Every 4 hours

Observations & Results

Effect of the treatment on *Todavata Vedana* (Pricking Pain), *Sangharsha* (Foreign body sensation), *Acchaashruta* (watery discharge), *Ragata* [Redness], *Alpa sopha* (Mild chemosis) [Right eye] for 5 days.

Complaints	BT	AT
Todavata Vedana (Pricking Pain)	+++	+
Sangharsha (Foreign body sensation)	+++	+
Acchaashruta (watery discharge)	++++	+
Ragata [Redness]	+++	+
Alpa sopha (Mild chemosis)	++	+

Discussio

In this study, observations was done before and after treatment based on symptoms and local examination. Ashchyotana is the first line of treatment for the management of Netrarogas. Eranda Mooladi Ksheera Paka Ashchyotana contains Katu, Tikta, Kashaya Rasa which helps for Strotoshodhana and breaking the Samprapti of Vataj Netrabhishyantdtva which reduces signs and symptoms. Tikta rasa leads to Sthanika Shoshana. All this drugs & Eranda having Vata-Kapha Shamaka, Chakshushya and Lekhana properties, which helps to reduce Vataj Netrabhishyanda.

Conclusion

In this case all symptoms like *Todavata Vedana* (Pricking Pain), *Sangharsha* (Foreign body sensation), *Acchaashruta*

(watery discharge), Ragata [Redness], Alpa sopha (Mild chemosis) [Right eye] for 5 days are markedly diminished in 7 days of study. In conclusion Eranda Mooladi Ksheera Paka Ashchyotana was significantly found effective in Vataja Netrabhishyanda.

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