EFFECT OF TULASISWARASADI TAILA NASYA AND HARIDRA KHAND IN THE MANAGEMENT OF PRATISHYAYA (ALLERGIC RHINITIS) - A CASE STUDY

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ABSTRACT
Pratishyaya is a disease presenting with clinical features such as Kshavathu (sneezing), Aanadha Nasa (nasal obstruction), Nasa Srava (nasal discharge) and Gala, Ostha, Talu, Nasa and Netra Kandu (itching in throat, lips, palate, nose and eyes). Allergic Rhinitis characterized by sneezing, rhinorrhea, nasal blockage and itching in nose, eyes, ears and palate. So, Allergic Rhinitis can be correlated with Pratishyaya. Tulasiswarasadi Taila Nasya has been indicated for Pratishyaya. Haridra Khand has shown good effect in treating Allergic Rhinitis. Hence, 50 years old male patient of Pratishyaya was treated with 2 sittings of 7 days Nasya followed by Haridra khand as an oral medication for 15 days. After complete treatment of 46 days, ESR became 06 mm/hr from 10mm/hr ESR, AEC became 345/cumm from 900 /cumm, IgE became 285 IU/ml from 967 IU/ml and symptoms like sneezing, running nose, itching in nose, nasal obstruction was relieved completely. So it can be concluded that Tulasiswarasadi Taila Nasya and Haridra Khand is very effective in the management of Pratishyaya.

Keywords: Pratishyaya, Allergic Rhinitis, Nasya, Tulasiswarasadi Taila, Haridra Khand

INTRODUCTION
Pratishyaya covers wide spectrum of Nasagata Roga (nasal and paranasal diseases). In Ayurveda, a detailed description of this disease is being observed. Acharya Sushruta has devoted one separate chapter to Pratishyaya. This fact itself shows that it has been a major problem to the physicians since long. The clinical features of Pratishyaya are Kshavathu (sneezing), Aanadha Nasa (nasal obstruction), Nasa Srava (nasal discharge), Gala Talu Ostha Shosha (dryness of throat, palate and lips), Shankha Nistoda (Pain at temporal region), Swaroopaghata (hoarseness of voice), Shiro Gauravata (heaviness of head), Gala, Ostha, Talu, Nasa and Netra Kandu (itching in throat, lips, palate, nose and eyes). Allergic Rhinitis (AR) also known as Hay fever, characterized by sneezing, rhinorrhea, nasal blockage, itching in nose, eyes, ears & palate, headache, postnasal drip, congestion, anosmia, ear- ache, tearing, red eyes, eye swelling, fatigue, drowsiness, malaise. So, Allergic Rhinitis can be correlated with Pratishyaya. The prevalence of AR has increased from the past three decades. According to WHO, 400 million people worldwide have AR. Scandanavian studies have demonstrated a cumulative prevalence rate of 15% in men and 14% in women. In India, 26% of population suffers from AR. In 80% of cases, AR develops by age 20 years. The prevalence of AR has been reported to be as high as 40% in children, subsequently decreasing with age. AR is an immunoglobulin E (IgE) mediated immune response, with mast cell activation and release of cytokines. This disease is a common entity which occurs due to increased exposure to environmental pollution and unhealthy lifestyle. If this stage is not properly treated, it will cause the mucosal changes in nostrils and result into tur-
binate hypertrophy, nasal polyps, allergic bronchitis etc. Current therapeutic modalities for the management of AR include; H1 receptor antagonists (antihistamines), nasal decongestants, mast-cell stabilizers, leukotriene receptor antagonists, corticosteroids and anti-cholinergic agents in oral or topical nasal formulations. But all these drugs give only symptomatic relief and none of these are free from adverse effects.

*Tulasiswarasadi Taila Nasya* (Errhine therapy) has been indicated in *Pratishayya*. Haridra Khand has also shown good effect in treating it. Hence, 50 years old male patient of *Pratishayya* was treated with 2 sittings of 7 days *Tulasiswarasadi Taila Nasya* followed by *Haridra Khand* as an oral medication for 15 days to evaluate effect of *Tulasiswarasadi Taila Nasya* and *Haridra Khand* in the management of *Pratishayya*.

**CASE DETAILS**

A 50 years old male patient working as a sports teacher came with the complaints of sneezing (50-60 per day), severe running nose, severe itching in nose, moderate nasal obstruction, frequent hoarseness of voice, mild itching in palate and throat and dryness of mouth since 3 years often associated with cough.

**History of present illness:** Patient was free from the above said complaints 3 years back then he gradually developed the symptoms. During seasonal changes, the symptoms were getting more aggravated. The patient had taken conservative treatment but the relief was temporary.

**History of past illness:** No any history of prolonged fever, bronchial asthma, diabetes mellitus, hypertension or any other illness.

**Family History:** All other members were said to be healthy.

**Investigations:** The blood investigation showed 10mm/1st hr ESR, 900/cumm AEC and 967 IU/ml IgE (Table 1).

**On examination:** On Anterior rhinoscopy, the septum was found to be central, turbinates were swollen, watery discharge was found and there was redness over mucosal layer. Other parameters were within normal limits.

**Diagnosis:** Patient was Pre-diagnosed as Allergic Rhinitis. After a thorough clinical examination, presented condition was correlated with Pratishayya according to Ayurveda.

**Treatment Protocol:** *Tulasiswarasadi Taila Nasya* has been indicated for *Pratishayya*. So Nasya with *Tulasiswarasadi Taila* was given in the dosage of 6 bindu (3 ml) each nostril for 7 days. Facial massage with *Tila Taila* was done for 10 to 20 minutes followed by *Nadi Sweda* for 10 minutes prior to Nasya and *Dhoomapana* (Medicated smoking) with Haridra Varti was given after Nasya.

After gap of 7 days 2nd sitting of Nasya was done. After 2 sittings of Nasya, Haridra Khand 6 gm twice a day with warm water was given for 15 days.

**OBSERVATIONS AND RESULTS:**

After 2 sittings of Nasya, The blood investigations showed 04 mm/1st hr ESR, 680/cumm AEC and 390 IU/ml IgE (Table 1). On Anterior rhinoscopy, swelling of turbinates was reduced, watery discharge was absent and redness over mucosal layer was relieved. Symptoms like sneezing, running nose, itching in nose, nasal obstruction, hoarseness of voice, itching in palate and throat was relieved completely and only dryness of mouth was persisted.

After *Haridra Khand*, The blood investigation showed 06 mm/1st hr ESR, 345/cumm AEC and 285 IU/ml IgE (Table 1). All the blood parameters came to normal limits. On Anterior rhinoscopy, swelling of turbinates was relieved completely, watery discharge was absent and redness over mucosal layer was reduced completely. Symptoms like sneezing, running nose, itching in nose, nasal obstruction, hoarseness of voice, itching in palate and throat and dryness of mouth was relieved completely.

<table>
<thead>
<tr>
<th>Test</th>
<th>13/08/2018 (Before treatment)</th>
<th>05/09/18 (After Nasya)</th>
<th>22/09/18 (After Haridra Khand)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hb (gm %)</td>
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<td>15.3</td>
<td>15.0</td>
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<tr>
<td>WBC (cells/cumm)</td>
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<td>6800</td>
<td>6900</td>
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<td>Neutrophils (%)</td>
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<td>Lymphocytes (%)</td>
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<td>Eosinophils (%)</td>
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<td>07</td>
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<tr>
<td>Monocytes (%)</td>
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<td>05</td>
</tr>
<tr>
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<td>00</td>
<td>00</td>
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</tr>
<tr>
<td>ESR (mm/hr)</td>
<td>10</td>
<td>04</td>
<td>06</td>
</tr>
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</table>
DISCUSSION

Pratishyaya is a complex disease involving several symptoms and diverse pathogenesis. Vata is the main dosha and Kapha, Pitta and Rakta are associated doshas. The properties of Tulasiswarasadi Taila can be taken as Katu (pungent), Tikta (bitter), Kashaya (astringent), Ushna (hot), Tikshana (strong) and Vata Kapha Shamaka (pacifying). Tulasiswarasadi Taila Nasya, a Shodhana (Purificatory) Nasya was selected as a line of treatment to remove vitiated Kapha that has causing obstructions to Pranavaha Srotas (channel) and Vata mainly Prana and Udana Vayu. For Shodhana Nasya Taila was used in order to avoid further vitiation of Vata. The dosage mentioned for Shodhana Nasya is 6 bindu that came around 3 ml on measurement. Once vitiated Kapha was removed, the Vata came into its natural form. Haridra Khanda is having Tridosha Shamaka (pacifying) properties so in order to pacify the other associated Doshas i.e. Vata, Rakta and Pitta Haridra Khanda was used as an oral medication for 15 days.

CONCLUSION

Nasya with Tulasiswarasadi Taila and Haridra khand has shown 100 percent results in objective as well as subjective parameters of Pratishyaya. Tulasiswarasadi Taila Nasya and Haridra khand gave effective results in treating Pratishyaya, suggesting importance of Shodhana Karma i.e. Nasya Karma in the management of Pratishyaya.

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