



Science

AN AYURVEDIC MANAGEMENT OF SUBCLINICAL HYPOTHYROIDISM - A CASE REPORT



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Abstract

Ayurved is science of life. Its guide human being for living on preventive & curative both aspect. Its ancient knowledge which is still stand truth to time. There are many diseases which is not mentioned directly in Ayurveda texts is called as Anukta vikar. Subclinical hypothyroidism is one of such disease. Such disease specifically mentioned but its line of treatment described very well. The present case is 28 year old male patient was suffering from Bhaar vrudhi (weight gain) from last 2.5 years while symptoms like Drubalya (fatigue), Sheet prachiti (feeling excessive cold), Bhrama (vertigo), Shwasakashtata (dyspnoea after walking), Katishool (backache) since last 2 years.

Patient on modern medicine still he doesn't get any satisfy relief, at the end patient decide to take Ayurvedic treatment only. For treatment patient was came to Nakshatra Ayurved Panchkarma clinic & Research center, Mumbai.

Ayurvedic management include internal medicine, Rukshaya bashpa peti sweda. After 1.5 month patient got Excellent Result. All symptoms disappear, weight reduces up-to 4 kg, TSH level comes from 7.71 to 3.23. This is single case study, will Collect data of more cases for further Research.

Keywords: Subclinical Hypothyroidism; Ayurvedic Management; Medovaha-Strotus; Rasavaha-Srotus; Dhatwagnimandya.

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1. Introduction

Nowadays most of patients came with other disease, but its supportive disease is hypothyroidism. Fast & luxury lifestyle disturb *doshas*, which give birth to *thyroid related* disease.

Thyroid dysfunction is one of the most common endocrine imbalances seen in clinic. The two main clinical syndromes of the thyroid are over activity and under activity. Hypothyroidism is called as underactive thyroid, in which thyroid gland does not produced enough thyroid

hormone.⁽¹⁾ Infertility, weight problems, depression and chronic tiredness the most frequent complications of hypothyroidism.

Ayurveda has description of thyroid conditions in terms of swelling of the thyroid gland with hyperthyroidism⁽²⁾, but a clear description of hypothyroidism is absent. There are many diseases which is not mentioned directly in Ayurveda texts is called as *Anukta vikar*.⁽³⁾ Subclinical hypothyroid is one of such disease. Such disease specifically mentioned but its line of treatment described very well. Hypothyroidism in Ayurved can be consider as *Anukta vikara* and discussed as *vata-kafaj dushti-janya vhadhi*.

In an era when modern science is progressing with advent of advanced techniques for disease, diagnosis and treatment, there is still no easy solution to treat innumerable disease. Current available medicines are even not capable to give relief on many diseases. While Ayurved has solution on *Anukta vikar* also.

A case report as follow –

A 28 year old male patient came to us with chief compliant of ⁽⁴⁾–

- 1) *Bhaar vrudhi* (weight gain).
- 2) *Drubalya* (fatigue).
- 3) *Sheet prachiti* (feeling excessive cold).
- 4) *Bhrama* (vertigo)
- 5) *Shwasakashtata* (dyspnoea after walking)
- 6) *Katishool* (backache)

Patient had above complaints since 2.5 years.
No H/o Dm / HTN, Asthma

History of Personal Illness

The patient having history of hypothyroidism from last 2.5 years. He was under modern medicine (Tab.thyronorm 75 mcg). Even consumption of modern medicine, patient have been suffering from *Bhaar vrudhi* (weight gain), *Katishool* (backache), *Sheet prachiti* (feeling excessive cold), *Drubalya* (fatigue), *Bhrama* (vertigo), *Shwasakashtata* (dyspnoea after walking). From last two months all this symptoms increased. For better treatment patient took treatment from Homeopathy doctors but doesn't get relief in any symptoms, then he decide to take Ayurved treatment. For Ayurvedic treatment he came to our clinic – Nakshtra Ayurved Panchkarma Clinic & Research Center, Mumbai.

Personal History

Occupation: Working as Police.

Ashtavidha parikshana

Nadi (pulse) = 98/min. (kapha-vata)

Mala (stool) = *Malavshymbha*.

Mutra (urine) = Normal.

Jeeva (tounge) = *Eshat saam*.

Agni = *Kshudhamandya*.

Shabda (speech) = *Rukshya* (Hoarse voice).
Sparsha (skin) = *shita*.
Druka (eyes) = Normal.
Akruti = *Madhyama*.
Bala = *Madhyama*.
Raktadaaba (B.P) = 110/80 mm/Hg.

2. Material and Method

Material

Table 1: Showing material used for study

SR.NO	DRAVYA	DOSE	DURATION	ANUPANA
1	<i>Medohar gugul</i>	250 mg	2 BID After food	Luck warm water
2	<i>Kanchanaar gugul</i>	125 mg	2 BID before food	Luck warm water
3	<i>Arogyavardhini vati</i>	500 mg	1 BID before food	Luck warm water
4	<i>Trifala gugul</i>	250 mg	1 BID After food	Luck warm water
5	<i>Laghmalini vasant vati</i>	125 mg	1 BID After food	Luck warm water
6	<i>Gandhrva haritaki</i>	500 mg	2 HS	Luck warm water
7	<i>Dashamul granules</i>	2 Gm	At morning	Luck warm water

Table 2: showing panchkarma done in study

PANCHKARMA
<i>Ruksha peti sweda</i>

Method

Centre of study: Nakshtra Ayurved panchkarma clinic & research center, Mumbai.

Type of study: Simple random single case study.

3. Observations and Result

Table 3: showing daily treatment with prognosis

DAYS	1 ST .	2 ND	3 RD	4 TH	5 TH
TREATMENT	Medicine (1,2)	Medicine (1,2)	Medicine (1,2) + Ruksha peti sweda.	Medicine (1,2) + Ruksha peti sweda	Medicine (1,2)
Symptom					
<i>Bhaar vrudhi</i> (weight gain).	92kg	90kg	89 kg	87 kg	86
<i>Drubalya</i> (fatigue).	+++	++	+	0	0
<i>Sheet prachiti</i> (feeling excessive cold)	++++	+++	++	+	+

<i>Bhrama</i> (vertigo)	+	+	0	0	0
<i>Shwasakashata</i> (dyspnoea after walking)	++	+	+	+	0
<i>Katishool</i> (<i>backache</i>)	++	++	+	0	0

Table 4: Showing changes in thyroid reports

THYROID PROFILE			
	BEFORE (8/7/2017)	AFTER (28/8/2017)	NORMAL RANGE
T3	91	93	60-200
T4	6.3	7.2	4.5-12
TSH	7.71	3.23	0.3-5.5

Clinical examination of the patients revealed Regression of symptoms due to our Ayurvedic management. The patient had started improving symptoms within 7 days. After 1.5 months treatment patient cured subjective as well as objective.

4. Discussion

Hetu of subclinical-hypothyroidism as -

- 1) Ahar
 - Improper and irregular diet
 - Ambuja anup mamsa Matsya sevan (daily)
 - Dadhi
- 2) Vihar
 - Prolong standing
 - Excessive running
 - Ratri jagran
- 3) Manasika nidana- Chinta, bhaya, and vegavrodha causes vata vrudhi

Sanprapti Ghatak

Dosh: vata-kapha.

Dushya: Rasa, Rakta, meda

Vikalpa Samprapti ⁽⁵⁾

Vata dosha- sheeta guna

Kapha dosha- manda , sheeta, guru

Samprapti ⁽⁶⁾

Hypothyroidism is under activities *Agni*. Due to various *hetu dhatu* level *Agni* is inhibited. In this case we found *Rasa-Medovaha srotus dushti hetu*. This *hetu* cause *vata* and *kapha prokop*. Which leads *Rasavaha* and *Medovaha srotus dushi*.

- Due to *Agnimandya* of *Medodhatu*, *vikrut medo dhatu* produced. Its cannot participate into *asthi dhatu poshana*. This *vikrut medo dhatu* accumulate in body which cause *Bhaar vrudhi* (*weight gain*). *Bhaar vrudhi* also sign of *Rasavahadushti* & *kapha vrudhhi* in body.
- *Katishool* due to lack of *asthi dhatu poshana* & *vata vrudhi*.

- *Sheet prachiti* due to *kapha & vata Dosha* (as *vata* is *yogvahi* its increased *sheet guna* double in strength).
- *Drubalya* (fatigue) due to *vata vrudhi* and *rasa dushti*.
- *Bhrama* (vertigo) due to *vata vrudhi*.
- *Shwasakashtata* (dyspnoea after walking) due to *vata vrudhi*.

Diagnosis of hypothyroidism with its symptoms along with blood test measuring T3, T4, TSH levels.

Table 5: showing how to Diagnosis of hypothyroidism with T3,T4,TSH levels.

TSH	T4	INTERPRETATION
Normal	Normal	Normal thyroid function
Elevated	Low	Over-hypothyroidism
Normal	Low	central-hypothyroidism
Elevated	Normal	subclinical-hypothyroidism

5. Action of Drug and other Procedure in Management of Subclinical- Hypothyriodism

Table 6: Showing action of drug & other procedure done in study

SR.NO	DRAVYA	ACTION
1	<i>Medohar gugul</i> ⁽⁷⁾	<i>Medaghna, lekhan karya.</i>
2	<i>Kanchanaar gugul</i> ⁽⁸⁾	<i>Kaphaghan</i>
3	<i>Arogyavardhini vati</i> ⁽⁹⁾	<i>Dhatwagnivardhana, malashodhaka, Pakwashyadushti nashka.</i>
4	<i>Trifala gugul</i> ⁽¹⁰⁾	<i>Rasayana, malavashbhanashak, lekshan.</i>
5	<i>Laghumalini vasant vati</i> ⁽¹¹⁾	<i>Rasayana mainly Work on rasa-rakta dhatu, shothahara.</i>
6	<i>Gandhrva haritaki</i> ⁽¹²⁾	<i>Anulomna, vatashulnashak</i>
7	<i>Dashamul granules</i> ⁽¹³⁾	<i>Vatashamak, dipan, shothaghna.</i>
8	<i>Ruksha peti swedan</i>	<i>Vatashamna, kaphashman.</i>

6. Conclusion

Due to change in modern life style Hypothyroidism cases increased day by days. Ayurved has best solution in such type of *Anukta vhyadhi*. With *doshas vichar*, Ayurved cure such disease & act as *apunarbhava* also. This is one example of successful case of subclinical hypothyroid among my all cured thyroid case. I will do further research on same disease.

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