

PHARMACEUTICAL STANDARDIZATION OF SHUNTI DHANYAKA JALA

Dr. Ch. Vinuthna M.D. (RS & BK)* and Dr. M. Anil Kumar M.S. (Sly)

India.

Article Received on
12 April 2022,

Revised on 03 May 2022,
Accepted on 24 May 2022

DOI: 10.20959/wjpr20227-24354

***Corresponding Author**

**Dr. Ch. Vinuthna M.D. (RS
& BK)**

India.

ABSTRACT

Bhaishajya kalpana is an independent branch of Ayurveda developed during medieval period, some specialized pharmaceutical procedures like shodana, bhavana etc. are adopted to change or modify the action of the same drug for getting more potent therapeutic forms. Now a days Hypothyroidism is common obstacle faced in our country because of unwholesome dietetic habits. A combination of two drugs mentioned in Arsho roga chikitsta, Ashtanga hrudaya chikitsta stana, particularly mentioned as, it can eliminates the badda mala and vata in the srotas. So, it can be inferred that it is facilitate to free flow even in minute channels also, like thyroid gland. This is small attempt has been made in this study how to control of Hypothyroidism by using Shunti Dhanyaka jala and how to prepare Shunti Dhanyaka jala and their description will be discussed.

KEYWORDS: Shunti Dhanyaka jala, pharmaceutical study, Standardization.

INTRODUCTION

Bhaishajya Kalpana is the pharmaceutical department dealing with various types of medicinal preparations, and their formulations, dosages etc. are told in Ayurveda. Bhaishajya Kalpana is the term derived from two words, the term Bhaishajya means drug, kalpana means processing.

Some specialized pharmaceutical procedures like Bhavana Shodana etc. are adopted to convert the drugs more efficacious and potent too.

Shuntidhanyaka jala mentioned in Arshoroga chikitsta in Ashatanga hrudaya, particularly Acharya mentioned it is badda mala hara and vata Anulomakara activity^[1]. So, it is inferred

as it is having cleansing quality to clean the srotas and facilitates easy flow of respected sravas all around the body. Present study has been made to highlight the significance of these Pharmaceutical procedures of Shuntidhanyaka jala and to standardize the method of preparation.

AIMS AND OBJECTS

To standardize the method of preparation of Shunti dhanyaka jala.

MATERIALS AND METHODS

Chief reference: Astanga hrudaya chikitsta stana 8/52

Total pharmaceutical study was carried out in three stages

Stage 1

1. Dhanyaka kwatha churna nirmana
2. Shunti kwatha churna nirmana

Stage 2

1. Homogenous mixture of Shunti dhanyaka kwatha churna

Stage 3

1. Preparation of Shunti Dhanyaka jala.^[2]

Preparation of Shuntidhanyaka jala

Reference	A.H chi 8/ 52-53
Materials	Dhanyaka kwatha churna 4parts Shunti kwatha churna 1 part
Methods	Kwatha churna nirmana, Paniya jala nirmana
Apparatus	Mortar and pistle ladle, pot, sharava, filter and stove

Procedure

1. The pharmaceutical procedure was adopted in this study are kwatha churna nirmana for shunti and Dhanyaka and Paniya jala nirmana.^[3]
2. If we are ingested Shunti in much more proportion it may causes the burning sensation of abdomen. So, in our present study shunti taken in one part only when compared to other drug.
3. Dhanyaka is having laghu snigdha guna kashaya & tikta rasa.^[4] So it is inferred as srothovishodana quality, due to this guna it is taken in the proportion of four parts.

4. One part of shunti pounded in kalvayantra and prepare kwatha churna.
5. Shushka dhanyaka were taken in four parts and checked for external impurities, worms & insects etc., and make kwatha churna with the help of mortar and pestle.
6. Shunti and Dhanyaka taken in 1:4 ratio thoroughly mixed with help of khalva yantra and make a homogenous mixture of Shunti Dhanyaka kwatha churna.
7. Panaadi kalpana was mentioned by sarangadhara samhita^[5], 1 pala of drug mixed with 64 palas of water were taken in an earthen pot or stainless steel keep on mandagni with continuous stirring with the help of ladle after reducing to half of the quantity, is called as paniya jala used to drink.
8. Shunti dhanyaka jala keep in clean and dry vessel.

OBSERVATIONS

1. Shunti turned into pale wheat colour in kwarha churna form.
2. Dhanyaka turned into grey colour after making of kwatha churna.
3. The homogenous mixture is in light grey in colour.
4. The Shunti dhanyaka jala is light grey in colour.

Precautions

1. Shunti dhanyaka were thoroughly checked for presence of external impurities insects dust etc. and it should be pounded in coarse form only.
2. Care should be taken while pounding to prevent spillage. Sufficient quantity of water should be taken in earthen pot or any stainless steel
3. Heat never should go beyond the mandagni.
4. Shunti dhanyaka jala keep in clean and dry vessel.

RESULTS

The table showing results of preparation of shunti dhanyaka jala.

quantity of Shunti kwatha churna	5gms (approx. 1kola)
Quantity of Dhanyaka kwatha churna	20gms (approx. 2karsha)
Quantity of Homogenous mixture	25gms (approx. 1/2 pala)
Quantity of water	1500 ml (approx 32 palas)
Quantity of Shunti dhanyaka jala	750 ml

Significance of paniya jala

It is mentioned by Acharya sarangadhara^[6], in ashtanga hrudaya kara says those water can be taken by the patient in the middle of the meal or after the meal etc.^[7]

CONCLUSION

The pharmaceutical standardization is the first step towards standardization of any drug, so it should be done with utmost accuracy, this leads to reproducibility of drug and production of safe and efficacious drug.

REFERENCES

1. Astanga hrudaya chikitsta stana 8/52
2. Sarangadhara madyama khanda 2/157
3. Sarangadhara madyama khanda 2/157
4. J.L.N Sastry 2nd edition Dravyaguna vignanam 264P
5. Sarangadhara madyama khanda 2/157
6. Sarangadhara madyama khanda 2/156
7. Astanga hrudaya chikitsta stana 8/52.