Anti-Cancerous Activity of Rasaoushadhadi W.r.t. Nityanand Rasa

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ABSTRACT

Rasashastra is a branch of Ayurveda deals about the minerals, metals, precious stones, poisonous herbs having therapeutic property and their processing techniques to prepare medicine which are known as Rasaoushadhis. Pharmacopoeia of Ayurveda comprises of drugs derived not only from herbs but also from minerals, metals and animal products. Rasaoushadhis occupied superior status among the Ayurvedic Chikitsa due to their high therapeutic potency in eliminating dreadful diseases and also for rejuvenation purposes. Hence, in field of treatment, Ayurvedic Scholars has given the crown of kingdom to Rasa-vaidyas among tri-vidhayayus. Nityanada rasa is one of the Rasaoushadhi used in the management of Arbuda. In this study we done the physic-chemical analysis and qualitative analysis for the Nityanand rasa tablet. We got the result of physico-chemical analysis of Nityanand rasa.

Introduction:
Rasashastra is a branch of Ayurveda deals about the minerals, metals, precious stones, poisonous herbs having therapeutic property and their processing techniques to prepare medicine which are known as Rasaoushadhis. Pharmacopoeia of ‘Ayurveda’ comprises of drugs derived not only from herbs but also from minerals, metals and animal products. Rasaoushadhis occupied superior status among the Ayurvedic Chikitsa due to their high therapeutic potency in eliminating dreadful diseases and also for rejuvenation purposes. Hence, in field of treatment, Ayurvedic Scholars has given the crown of kingdom to Rasa-vaidyas among tri-vidhayayus. Nityanada rasa is one of the Rasaoushadhi used in the management of Arbuda.1

Importance of Rasachikitsa:2
"sarva SAstrArtha tatvagyo najAnAti rasaM yadA| sarvaM tasyo- pahAsAya dharmaHIno yathA budhA||" (B.R.)

The person who knows all the sastras (scripts), but not having knowledge of Rasashastra that person is not complete.

Importance of Rasachikitsa:3
"alpamAtro prayogitvadarucEra prasaMgataH|| kShipramArogya-dAyitvAdaiShadaIByo adhiko rasaH||"
(Rasendra sara sangraha1/4)

Rasoushadhias (herbo-metallic/herbo-mineral preparations) are popular because of their small dose, tastelessness, quick action, effective in dreadful diseases without producing any discomfort to patients and long shelf life.

Classification of Rasaoushadhadi:4
Rasaoushadhis are prepared by four methods:

2. Parpati rasayana: rasoushadhis prepared by pressing molten kajjali.
3. Kupipakwa rasayana: rasoushadhis prepared in prepared Kupi
4. Pottali rasayana: rasoushadhis prepared by molten Gandhaka

Nityananda rasa:5
agniRuddhiM karotyeva balavrIya ca susthatAm|
srImad gahana nAthena nirmito viSvasampade|
nityAmanda raso nAmmA SIlpada vNyAdhI nASanaH|
(rasakAmadhenu aNDavRuddhirogasya nidAnAdInyaAha-12-14)
(B.R. Shlipada rogdhikara45/30-38)

Properties are:
• Medogata,Dhatugata,Slipada,Arbuda,Gandamala
• Excessive days in Antravruddhi,Vatapitta,shleshmavata,gudaroga & krumi,those are destroy and agni will be predominate.
• These Nityananda rasa will be best in shlipada roga.

Materials and Method:7
Ingredients:-
Kajjali (HgS)
Tamra bhasma(CuFeS2)
Kansya bhasma(CuSn)
Vanga bhasma(SnO2)
Shuddha haratala(AS2S3)
Shuddha tutta(CuSO47H2O)
Shankha bhasma(CaCO3)
Varatika bhasma(CaCO3)
Loha bhasma(Fe2O3)
Trikatu(equal combination of
Pippali(Piper longum), Maricha(piper nigrum) & Shunti(zingiber officinalis)
Amalaki (Embilica officinalis)
Chavya (Piper retrofractum)
Pippalimoola (Root of piper longum)
Hapusa (Juniperus communis)
Vacha(Acorus calamus)
karchura (Curcuma zedoaria)
Patha (Cissampelos pareira)
Deodaru(Cedrus deodar)
Ela(Elattaria cardamomum)
Vriddhadaruka (Argyreia speciosa)
Trivrit (Operculina turpenthum)
Citraka (Plumbago zeylanica)

Method of Preparation:
Kajjali is prepared from shudda Parada and Gandhaka in a clean khalva. Then all the remaining ingredients are added to it then it is triturated along with the decoction of Haritaki and collected in a clean container.

Table no.1: Properties of Bhasma:

Table no.2: Properties of Herbal Drugs:
In the treatment of Arbuda, the required properties may be:

- Lekhana (Scraping)/ Bhedana: Shudha tuttha, vanga bhasma, shuddha haratala, Loha bhasma, Kansya bhasma, Sankha bhasma, Varatika bhasma, Trikatu, pippalimula, Hapusa, Trivrit, citraka
- Rasayana (immunomodulating): Vanga bhasma, shudha tuttha, shudha harital, Loha bhasma. Vridhadharuraka, citraka, Triphala (Haritaki, bibhitaki, amalaki)
- Srotogamitwa (penetrating to minute pores): Haritaki, bibhitaki etc. all the rasayana dravyas.
- Balya (strengthening)/ dhatustulya kara/ Dhatuvardhaka (Nourishing tissues): Tamra bhasma, Vanga bhasma, Suddha haratala, Sankha bhasma, Varatika bhasma, Trikatu (Sunthi, Maricha, Pippalli), patha, Ela, Vridhadharuraka
- Yogavahi: Kajjali
- Vrana shodhaka / Shothaghna: Haritaki, Vacha, Karchura, Deodaru,
Patha, vridhadharuraka, trivrit, citraka, Danti
- Krimighna: Kansyabhasma, Suddharatala, Suddhutttha, Pippali, Maricha, Bibhitaki, Karchura, Patha, Citraka, Danti. Vidanga, Chavya, Hapusa, Vacha, Devdaru

Analytical study:-
In this study done in Central research facility in KLEU’S B.M.Kankanwadi Ayurveda mahavidyalaya Belgaum.

Results are obtained:
- Nityananda rasa dark brown in colour.
- Its Average hardness is 3.5kg/cm²
- Disintegration time is 31 minutes
- Ph is 4.44
- LOD is 11.28
- Ash value 8.128
- Acid insoluble ash 1.274

Method of use/Administration and its anupana:-
1. Nityananda Rasa dose: 1/2 tab - 1 tab. two times a day on empty stomach for 2 months.
2. Consume this medicine in doses of One Pill Daily during morning and evening hrs before taking meals. (pills measuring 1250 mg.each)

Anupan:
With cold water

Conclusion:-
As Rasa preparations can be administered even in incurable diseases, Preparation of Rasoshadhis are essential for treatment of ailing humanity, provided these are produced without compromising the fundamentals of the Ayurvedic pharmaceutical operations (like shodhana, marana, etc). Nityanand Rasa preparation is combination of potent multiple mineral bhasma, metallic bhasma, herbs which possess tremendous potential effect for a cancer. Nityanand Rasa having the therapeutic properties like lekhana, rasayana, which will help for inhibiting the growth of cancer cells, acts like a curative therapy, ingredients used will help as immunotherapy, non-toxic, harmless, used as rejuvenating, correction of metabolic defects, it may help in treating Arbuda.