

**A CASE STUDY OF AGNIKARMA PROCEDURE IN THE  
MANAGEMENT OF MUCOCELE (JALARBUDA)****Shubhangi Dattatray Bharankar<sup>1\*</sup> and V. G. Dhakate<sup>2</sup>**<sup>1</sup>PG Scholar, Gac Nagpur.<sup>2</sup>Guide and Associate. Professor Gac Nagpur.Article Received on  
01 August 2021,Revised on 21 August 2021,  
Accepted on 11 Sept. 2021

DOI: 10.20959/wjpr202112-21748

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**ABSTRACT**

Mucocele is a retention cyst of minor salivary glands of the lip. The lesion appears as a soft and cystic mass. In modern science it is treated with surgical excision. According to Ayurveda it can be correlated with jalarbuda. Acharya have explained the osthagat rog in which jalarbud is included and also describe several measures to treat them, From which agnikarma (Thermal cauterization) is one of the measure described in treatment of jalarbuda in our ayurvedic treatises. This study was done to evaluate the efficacy of agnikarma using tamra shalaka in the management of mucocele (Jalarbuda).

**KEYWORDS:** Agnikarma, Mucocele, Jalarbuda.**INTRODUCTION**

The disease mucocele (Jalarbuda) explained by Acharya under the heading of Jalarbuda in Oshtagat Rog. Vagbhat has described the clinical features of jalarbuda in Uttarsthan. Jalarbuda is a disease which occurs due to the vitiated vata and kapha dosha, which causes a painless and fluid filled dome shaped elevation on lower lip. According to modern science jalarbuda can be correlated with mucocele. It is a harmless painless fluid filled swelling caused due to the obstruction or trauma to the minor salivary glands. A tear in a salivary gland: A bump or injury could cause swelling or inflammation to the salivary gland and lead to mucus buildup.

**Causes of mucocele**

**Piercings:** Cysts can form because of an infection, especially with lip piercing. You should have any piercings done by a professional to assure clean, sterile instruments and avoid infections.

Damage caused by your teeth: Not taking care of your teeth can lead to a buildup of bacteria. That bacteria can block salivary glands and lead to cysts.

And it can be treated with surgical excision.

Ayurvedic treatise have advocated use of various procedures to treat the jalarbuda. Vaghabhat has been mentioned agnikarma one of the measure to treat the jalarbuda. Sushruta described Agnikarma as a para-surgical procedure and mentioned it, superior amongst all parasurgical procedures. It has been attributed the property of curing the diseases which cannot be cured by Shastra, Kshara and Bheshja. Agnikarma is only procedure which has a property to destroy the pathology in the deeper structure. Agnikarma introduces heat in the affected area. This heat because of the specific properties (guna), is helpful to break the Kapha thus reducing Shotha and ultimately Vata dosha gets pacified.

### **Case report**

- Name of patient- xyz
- Age / sex- 25 yrs / female
- OPD No-17367
- Place- Nagpur
- Occupation- student
- Date of consultation- 21/06/2021

### **Chief complaints**

Swelling over inner side of lower lip -8 months

### **Present & Past history**

- No H/o DM, RA or any other major illness
- No H/o any surgery

### **Examination of swelling**

- Inspection- Position- Inner side of lower lip
- Initial Palpation- Pulsation - Not present
- Tenderness- Not present
- Palpation-
- Mobility- Freely mobile

- Shape- Oval
- Surface – Smooth
- Consistency- Uniform all over
- Fluctuation- Present
- Temperature- Same as whole body
- On the basis of clinical examination it was diagnosed as mucocele

### Investigations

- Blood sugar level, Bleeding Time, Clotting Time, CBC, urine examination routine and microscopic had been done prior to the procedure.
- Written informed consent had been taken from the patient.

### MATERIALS AND METHODS

Material required - 2% lignocaine, Syringe, Tamra shalaka, Stove, Madhu.

### Procedure

1. First of all patient was kept in lying position. And everted the lower lip to visualize the mucocele.
2. Inject 2% lignocaine at the base of mucocele (Previously lignocaine sensitivity was done)
3. Tamra shalaka was heated on the stove, after shalaka got red hot it was applied at the base of mucocele, it was repeated upto samyak lakshan seen.
4. After the procedure madhu was applied on the lesion.

### DISCUSSION

The patient got cured after one sitting of Agnikarma without any type of complications such as burning sensation scar etc. Agnikarma is a parasurgical procedure done in the vatajkaphaj vyadhi as it has action of Ushna, Tikshna, Sukshma, Vyavayi, Vikasi and Pachana. Also it has a property to destroy the pathology in deeper structure so helps to pacify the vitiated vata as well as kapha dosha. Thus it relieves disease caused by vitiated vata and kapha dosha. Acharya Sushrut said that the disease which is not cured by Bhesaj, Kshara, Sastra chikitsa, can be cured by Agnikarma; and there is no chance of reoccurrence of disease as it is a sterile procedure.

**Before (22/06/2021)****After (On the same day of procedure)****After 4 day of procedure (26/06/2021)**

## CONCLUSION

With this case it can be concluded that agnikarma can be done to treat mucocoele. It is effective procedure as there is no chance of bleeding or Recurrence. There is no scar left after healing or no any other complications so it can be developed for cosmetic purpose also.

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