

# Balachaturbhadrha Churna in Dantodbhedajanya Atisara

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**Abstract:** Teeth Eruption is a unique developmental process in human. During this period (at 8th month of age) there is high incidence of certain diseases in children like Diarrhoea. Modern dentistry doesn't relate these Dantodbhedajanya Vyadhis with dental eruption but in Ayurveda, Acharyas mentioned that eruption of teeth is cause for those diseases. Here, Dantodbhedajanya Atisara occurs due to digestive disturbance or infection. As the symptom will generally subside on their own but physician should notify if they worsen or persistent. In such condition Balachaturbhadrha Churna with honey is to be used which is very popular and beneficial compound formulation in Paediatric usage. So, this is an effort to explain the mode of action of Balachaturbhadrha Churna in Dantodbhedajanya Atisara and an attempt is made to compile various literatures for better understanding.

**Keywords:** Balachaturbhadrha Churna, Dantodbhedajanya Atisara, Diarrhoea, Eruption.

## 1. Introduction

Teeth eruption is a unique developmental process in human occurs at eighth month of life. During this period there is high incidence of certain diseases in children like Diarrhea. Modern dentistry doesn't relate this disease with dental eruption but in Ayurveda Acharyas mentioned that eruption of teeth is cause for the diseases as because of imbalanced Dhatus 1 during dentition. Atisara is mainly caused due to Jatharagni Mandya and different types of Atisara takes place due to predominance of Dosha. This Atisara can be correlated with Diarrhea based on the patho-physiology and treatment aspect of contemporary science.

## 2. Aims and Objectives

To assess the probable mode of action of Balachaturbhadrha Churna in Dantodbhedajanya Atisara and also to compile various literatures for better understanding.

## 3. Literature Review

### 1) Causes

Aniyatagni, Anashana, Microbial infections, Low immune status of the child etc. are the cause for the Dantodbhedajanya Vyadhis like Atisara.

### 2) Pathophysiology

Due to nidana sevana Vata dosha gets aggravated and localized in the roots of the teeth, is accompanied by Kapha localized in the bone and marrow tissues, moves in all places along with pitta, these vitiate the jatharagni (mandya) which leads to dravata of pureesha in pakwashaya and results into Atisara [2].

### 3) Balachaturbhadrha Churna

The term Churna may be applied to the powder of single or a mixture of two or more drugs which are powdered separately prior to their being mixed to homogeneity. All texts have mentioned the same four ingredients for Balachaturbhadrha Churna i.e. Musta (Cyperus rotundus), Pippali (Piper longum), Ativisha (Aconitum heterophyllum) and Karkatshringi (Pistacia integerrima) given in the management of various pediatric diseases like Atisara (Diarrhea). Its dosage may vary according to age, health condition and body weight of the patient.<sup>3</sup> Yogaratnakara mentioned 8 Ratti i.e.1gm and Kashyapa mentioned Agraparvanguli i.e.1 Pinch for churna. Churna are usually administered with equal quantity of Ghrita, Madhu or Taila [4]. So here by considering the palatability and action, Balachaturbhadrha Churna can be given with Madhu.<sup>5</sup> Also it has been given before food as it destroys the Dosha present in Amashaya as well as doesn't cause Balakshaya .<sup>6</sup>

## 4. Observation

The Observations made from the review. Classical reference of Balachaturbhadrha Churna is mentioned for the first time in the text Chakradutta (64/22) and has been in practice since a millennium. Drugs mentioned in Balachaturbhadrha churna have

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predominantly Katu Tikta Rasa, Laghu Ruksha Guna, Ushna Virya, Katu Vipaka and Tridosha shamaka properties shown in Table no.1.

## 5. Discussion

Table 1  
Properties of Balachaturbhadrha Churna ingredients 7

Property	Musta	Pippali	Ativisha	Karkatshringi
Rasa	Katu Tikta Kashaya	Katu Tikta Madhura	Katu Tikta	Kashaya Tikta
Guna	Laghu Ruksha	Laghu Tikshna	Laghu Ruksha	Laghu Ruksha
Virya	Sheeta	Anushna	Ushna	Ushna
Vipaka	Katu	Madhura	Katu	Katu
Doshagnata	Kapha pitta shamaka	Vata kapha shamaka	Tridoshaka shamaka	Kapha pitta shamaka

Vagbhata says that in disorders of dentition needs no special treatment because it is a physiological phenomenon after which the symptom disappears. But this period (8th month of age) hampers the growth and development of child. This formulation is in Churna form i.e. smaller particle size, produces more rapid dissolution in the body fluids which increases the blood concentration in a shorter time, thereby the action is produced in lesser time.

Balachaturbhadrha Churna has Katu Rasa and Ushna Virya (Pitta vardhana property) which in turn increases Jataragni and reduces the Srotobandhatva, Tikta Rasa which enhance the taste buds where Aruchi is one of the symptoms in Agnimandya and does Shoshana of Shakrit, Laghu Ruksha Guna helps in easy digestion of Ahara, Katu Vipaka having Baddhavidmutra property which helps in formation of stools. Also, it has Grahi property through which it helps in absorbing the excessive moisture content of intestinal mucosa and restores the natural consistency of the stool. In addition, because of Deepana

Pachana property it increases Jataragni and also kills the microbes responsible for Diarrhea. Therefore, we should adopt Balachaturbhadrha Churna in Dantodbhedajanya Atisara.

## 6. Conclusion

Atisara is most common disease among children which is faced in Pediatric practice. It is a Vata predominant disorder with increased frequency of watery stool. The onset of Diarrhea is usually acute and prognosis is good if treated properly. Balachaturbhadrha Churna is very effective in Dantodbhedajanya Atisara and also it is prescribed by Kaumarbhritya practitioners of Ayurveda.

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