

To Study the Effectiveness of Calcarea Carb, Cina, Sulphur in Cases of Ascaris Lumbricoides Worm in Children

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ABSTRACT

The Round worm *Ascaris* is found worldwide. Most infected individuals are asymptomatic. Clinical diseases arise from larval migration in the lungs or effects of the adult worms in the intestines. Major sign & symptoms of worms during the lung phase of larval migration about 9 to 10 days after eggs ingestion, patients may develop an irritating nonproductive cough, burning sub-sternal discomfort that is aggravated by coughing or deep breathing. Fever is usually reported with temperature sometimes exceeding 38.8°C (101.3°F). In heavy infections, particularly in children, a large bolus of entangled worms can cause pain, small bowel obstruction, sometimes complicated by perforation, intussusception or volvulus. A single worm may cause disease when they migrate into aberrant sites. A large worm can enter & occlude the biliary tree, causing biliary colic, cholecystitis, cholangitis, pancreatitis, intrahepatic abscess. Migration of an adult worm up to the oesophagus can provoke coughing & oral expulsion of worms. Dr. Kent writes in his Lectures on Materia Medica under *Calcarea carb*, "The idea of homoeopathy physician is not to give vermifuges but so to correct the digestion that worms will not thrive & it is true that worms will not thrive in Healthy stomach & intestine."

KEYWORDS: *Ascaris lumbricoides*, *Helminthiasis*, *Homoeopathy*, *Ascariasis*

INTRODUCTION:

Ascariasis: It is a disease caused by the largest Parasitic round worm i.e. *Ascaris lumbricoides*.

Up to 10% of the population of the developing world is infected with intestinal worms, A large percentage which is caused by *Ascaris*. Worldwide, severe Ascariasis infections cause approximately 60,000 deaths per year mainly in children.

Round worm infestation: is very common disorder among children, it is ranging from 0.6 to 96%.

Common Age groups: Children between 3 to 8 years of age.

Mode of infection: Faeco oral & Cutaneous.

Prevalence: According to WHO, more than 1.5 billion of world's population are affected.

Sign & Symptoms:

Due to the migrating larvae:

Larvae in the lungs: *Ascaris* pneumonia (Loeffler's Syndrome), In heavy infection typical symptoms of

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pneumonia such as fever, cough, dyspnoea may appear, Sputum is often blood tinged may contain ascaris larvae, Urticarial rash & Eosinophilia (20%).

Due to the Adult worms:

- History of passing round worms.
- Chronic indigestion.
- Mal nutrition & Stunted physical growth.
- GIT: Abdominal pain, Nausea, Vomiting, Loss of Appetite, Perianal itch.
- Grinding of Teeth, increase in Salivation.
- Respiratory system: Wheezing, Cough, dyspnea, mild Haemoptysis.
- Fever & sometimes seizures may present.
- Anemia.

Investigation: -Finding of eggs in stool, X-ray.

- CBC: IgE Increase & Eosinophilia (20%), Tape test.

MATERIAL & METHODS**MATERIALS:**

Project Site: Ahmedabad Homoeopathic Medical College.

Number of Cases: Total 30 cases by Random sampling.

METHODS:

A Detailed case history has been taken according to the scheme of model case format.

FOLLOW UP AND MONITORING:

Follow up of cases were done for 6 months.

RESULTS

Here, Result of Study of 30 cases of Ascariasis Lumbricoides presented in tables.

AGE WISE DISTRIBUTION

AGE IN YEARS	NUMBER OF CASES
3	4
4	3
5	7
6	5
7	5
8	6

GENDER WISE DISTRIBUTION

Total Number of Cases	Male	Female
	18	12

REMEDY PRESCRIPTION

Remedy	Number of Cases	Percentage
Calcarea Carbonica	7	23.33%
Cina	18	60%
Sulphur	5	16.66%

CONCLUSION

Results of this study shows that out of these 3 remedies viz Calcarea carbonica, Cina & Sulphur, Cina is found the most indicated remedy in my study for treatment of worms. Almost 60% of total cases are improved well with Cina.

Out of Total 30 cases, 18 cases are found in Males (60%) & 12 cases are found in Females (40%), this suggests that ascaris found in both Genders but more common in Males compare to Females.

Also, poor hygiene & sanitation, also low socio – economic status will also favours High prevalence of ascariasis.

Out of these 30 cases, 16 cases showing Marked improvement (53.33%), 9 cases showing Moderate improvement (30%) & 5 cases showing No improvement (16.66%) because they might need some other indicated remedies & few have discontinued the treatment.

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