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A case of worm infestation treated by homoeopathic medicine

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Abstract

Worm infestation continue to be among the most common diseases affecting children from developing countries. Major worm infestation of public health importance include Ascariasis, Trichuriasis, Hookworm, and Taenia solium, which are transmitted through contaminated soil. Although most helminthic infections are mild and often asymptomatic, but moderate to heavy worm infestations are generally associated with growth faltering, nutritional compromise, anemia and suboptimal academic performance among children. Migration of larval or adult worms also underpins pulmonary and gastrointestinal morbidity in affected children.

Keywords: Ascaris lumbricoide, trichuriasis, hookworm, taenia solium

Introduction

Worm infestation is an infection of the intestinal tract caused by the various types of worm including ascaris [round worm], entrobis [pinworm], and trichinell spiralis. Worm infestation is common in children all over the world ^[1].

Infestation- It is defined as the lodgement, development and reproduction of parasites (Particularly helminthes) in the host or parasitic invasion of the organs and tissue ^[2].

The warm and moist climate of tropical & sub tropical countries provide the ideal environment for the survival of parasite eggs or larvae ^[3].

The high prevalence of Worm infestation is closely correlated to poverty, poor environmental hygiene and impoverished health services. Worm infestation contributes to high morbidity in children ^[4].

The incidence of ascariasis is greatest where warm, even temperatures and high humidity allow the eggs to embryonate throughout the year. Overpopulation and poor sanitation and sewage disposal likewise play key roles in the propagation of ascariasis ^[5].

According to WHO estimates, 870 million children live in the area of high prevalence Africa, South Asia and South America are the most affected regions of the world ^[6].

Soil-transmitted helminth infections are widely distributed in tropical and subtropical areas and, since they are linked to a lack of sanitation, occur wherever there is poverty. Latest data estimates indicate that more than 880 million children are in need of treatment for these parasites ^[7].

India alone contributes nearly 25% to the total global cases with 220.6 million children in need of preventive chemotherapy ^[6].

And in other study, according to the World Health Organization estimate; globally there are 800-1000 million cases of Ascariasis, 700-900 million of Hook Worm infection, 500 millions of Trichuriasis, 200 million of Giardiasis and 500 million of Entamoeba histolytica ^[8].

Sign and symptoms of worm infestation are diarrhoea, abdominal pain, anaemia and malnutrition leading to stunted physical and mental growth ^[4].

Helminthic infestation lead to nutritional deficiency and impaired physical developments, which will have negative consequences on cognitive function and learning ability. Intestinal parasitic infection varies considerably from place to place in relation to the disease ^[9].

The adult worm lives in the lumen of the small intestine (jejunum) of man and maintains its position by its muscle tone ^[10].

They infest mainly the small intestines, although they may be found at any point in the alimentary tract, sometimes even being vomited, and in rare instances inducing death by creeping into the ductus communis choledochus or into the larynx ^[11].

Case

O.P.D No. - 49996

- Name:- Shelly Yadav
- Date -22/9/18
- Age & Sex:-5years /female/child
- Religion:- Hindu
- Hygienic/Unhygienic:- Yes hygienic
- Occupation: Student
- Address:- Goner mod, Sitapura
- Diagnosis -Loss of appetite, pain in abdomen/Worm?
- Miasmatic Diagnosis -psora
- Present Complaints-loss of appetite since 15 days.
- Pain in abdomen, since 2-3 days.
- Eat sweets more.
- Vomiting after eating.
- Loss of weight since 1 month.
- Bed wetting since 3-4 months.
- Itching of nose, restless sleep, Grinding of teeth during sleep.

History of present complaints- Patient was apparently healthy 3-4 months back, then she suddenly complains of loss of appetite with bed wetting, and itching in anus

- The mother says, Child rubs constantly its nose with the hands or on pillow.
- Pain in abdomen since 2-3 days.
- Modalities- < when touch

Patient as an individual

- Appetite : Reduced 1 or half chapatti / day
- Bathing Habit: Daily once
- Thirst: normal Perspiration: Not Specific
- Stool: satisfactory, once a day
- Sleep: sound sleep, lies on abdomen, grinding of teeth

- during sleep.
- Urine: normal D_{4.5}/N_{0.1} Dreams: Not Specific
- Desire: sweets
- Addiction: Not Specific
- Aversion: Not Specific H/O of Vaccination: All done
- Reaction to Temp: chilly

Mental generals

- Irritable
- violent anger thrown things or toys,
- Anger when touch by someone,
- Obstinate

Menstrual history: Not applicable

Past history: Not specific

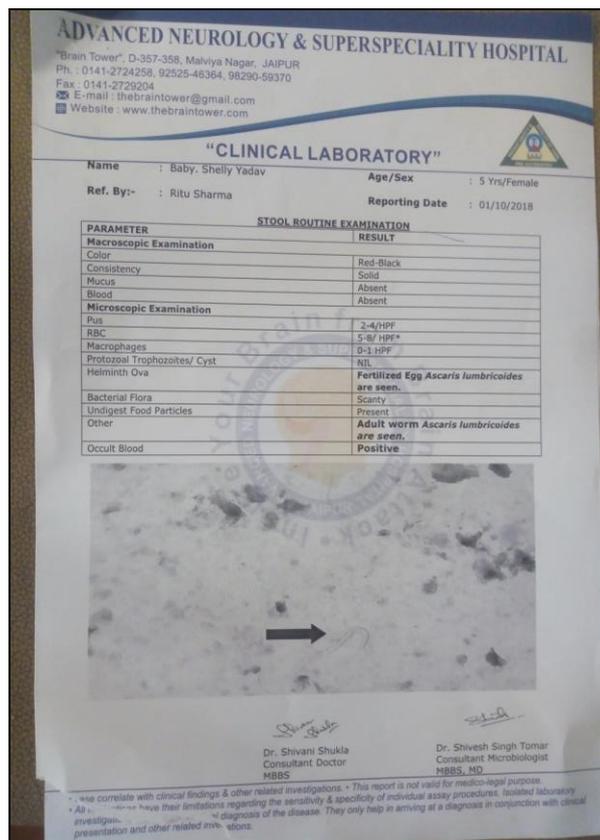
Family history: paternal- father healthy and alive
Mother-healthy and alive

Physical examination General

- Pallor: Not present. Pulse: 100/ minute
- Icterus: Not present. Blood pressure: -.
- Oedema: Not present. Temperature: A febrile
- Clubbing: Not present. Resp. Rate: 24/ minute
- Cyanosis: Not present.
- Lymph Nodes: Not enlarged.
- Pulse: 100/min

Investigations

- Stool examination:** Ascaris lumbricoides was found
- Be for treatment**



After treatment



Analysis of case: Mental Generals

- Irritable.
- Violent anger thrown things or toys.
- Anger when touch by someone.
- Obstinate.
- Physical General-
- Desire-sweets
- Thermal –chilly
- Sleep-restless, grinding of teeth during sleep, and abdominal position during sleep.
- Particulars-
- Loss of appetite
- Vomiting after eating
- Pain in abdomen
- Bed wetting
- Itching and rub constantly nose

Evaluation of symptoms

- Irritable
- Violent anger
- Angry >touch
- Obstinate

- During anger thrown things and toys
- Loss of appetite
- Vomiting after eating
- Pain in abdomen
- Bed wetting
- Itching and rub constantly nose

Rubrics

- Mental- anger, touched, when
- Mental –anger, thrown things away
- Mental –irritability, children in
- Mental –obstinate headstrong children.
- Stomach –appetite-diminished.
- Stomach –vomiting general, eating, AGG. after
- Bladder urination –involuntary-night
- Abdomen –pain general
- Sleep –restless
- Sleep –grinding of teeth, sleep
- Nose – itching crawling and tickling rubs constantly.
- Sleep –position abdomen on

Repertorial Result

	cina	bell.	cham.	ars.	sep.	sil.	sulph.	puls.	calc.	coloc.	lyc	cupr.	kreos.	ant-c.	lach.	tarent.	chin.	nat-m.	phos.	caust.	nux-v
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	11	9	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7
	23	17	18	17	17	17	17	16	15	14	14	13	13	11	10	16	14	13	13	12	12
1.	1	-	3	-	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-
2.	2	-	1	-	-	-	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-
3.	3	1	3	1	1	2	1	1	2	-	1	1	1	1	-	2	-	-	-	-	1
4.	2	3	3	2	1	2	2	1	3	1	2	1	1	2	1	3	2	1	1	2	3
5.	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
6.	2	1	-	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	2	1	1
7.	2	1	1	3	3	3	3	2	2	1	2	2	2	2	1	3	3	2	3	-	2
8.	2	2	3	3	3	2	2	3	2	3	1	3	1	1	1	2	2	2	3	1	2
9.	2	3	2	3	3	3	3	3	2	1	1	1	3	1	1	-	1	3	2	3	1
10.	1	2	-	1	3	-	2	2	1	2	2	1	-	-	1	-	-	2	2	1	-
11.	3	3	2	3	2	3	3	3	2	2	3	3	2	1	2	1	3	2	1	2	2

- Cina11/23
- Bell9/17
- Cham8/18
- Ars8/17
- Sep8/17
- Medicine Selected: Cina 30
- Prescription-Rx-cina 30 tds x15 days

Date	Symptoms	prescription
5/10/18	Improve appetite. Vomiting after eating.	Rx-Cina 30 BD x 4 days PI30TDS x 15 days
15/10/18	Rub nose constantly. Sound sleep. Return appetite-normal Rub nose constantly. Batter pain in abdomen.	RX-Cina 30 BD x one day PI 30 TDS x 15 days
2/11/18 12/11/18	Relived in all complaints. Relived in all complaints	sRx-pl 30TDS x 15 days Rx- pl 30

Conclusion: Homoeopathic medicines were effective in treating in cases of Worm infestation.

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