

An Evidence Based Case Study Of Hepatitis B Infection

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Abstract

Background and objective: Hepatitis B is systemic infection caused by hepatitis B virus with major pathology caused in liver and transmitted usually by parenteral route¹. Spectrum of disease asymptomatic antigenemia chronic hepatitis, cirrhosis, hepato cellular cancer; early phase often associated with continued symptoms of hepatitis, elevated aminotransferase levels, presence in serum of HBe Ag and HBV DNA, and presence in liver of replicative form of HBV, later phase in some of patients may be associated with clinical

and biochemical improvement, disappearance of HBe ag and HBV DNA and appearance of anti-HBe Ag in serum, and integration of HBV DNA into host hepatocyte genome². In conventional line of treatment the cost for management is upto 3-4 lacs per annum but it is not affordable for everyone. A pilot case study was conducted in Motiwala homoeopathic medical college OPD, with the objective to reduce the viral load with homoeopathic medicine and also to study cost effectiveness of homoeopathic management in hepatitis B infection. The case was treated with *Lachesis*, a homoeopathic medicine reported here. This case shows the efficacy of medicine in both subjective and objective parameters without conventional medicine intervention.

Materials and methods: A case is taken from homeopathic medical college OPD and prescribed on basis of totality of symptom according to law of similia.

Result: In a period of 1 year the viral load of patient decreased from 1, 65, 00,000 to 4, 39, 372. Total cost expenditure over 1 year was 130 Rs. (INR). Homeopathic Medicine is the cost effective management for reduction of viral load in Hepatitis B infection.

Conclusion: Homeopathic Medicine is the cost effective management for reduction of viral load in Hepatitis B infection.

Key words: Hepatitis B, viral load, homeopathic medicine.

Introduction:

Clinically hepatitis B infection is characterised by recurrent acute self limiting episodes of liver diseases but the picture is complicated by chronic liver disease which may become severe and may progress to liver cancer. In approximately 5 to 15 % of cases, HBV infection fail to resolve and the affected individual become persistent carriers of virus². Treatment offered by conventional mode comprises of use of interferons and immunoglobulin's. But because of limited availability and high cost (4 to 5 lakhs per year) and risk of complication general use of these medicines is not been recommended Homoeopathic medicines are safe and less costly can be used as an alternative line of treatment.

Materials and methods:

A case is taken from homoeopathic medical college, on the base of totality the medicine is selected and follow ups were taken.

Case presentation:

A 52 years old male consulted on 22/06/2013 for the treatment of Itching with burning pain all over the body, since 3 yrs, aggravation after eating ,day and night rashes all over the body with redness & itching. Multiple lipoma over upper limb & abdomen, since 10 to 15yrs. Blackish discoloration of face, since 2 to 3 yrs. Papular eruption on forehead & nose, since 2 to 3 yrs. Unsatisfactory stools, ineffectual urging for stools, since 2 to 3 yrs, consistency soft, aggravation from liquids. Flatulence distention of abdomen, since 2 to 3 yrs. Bloating of abdomen with rumbling and gurgling sensation, aggravation after eating, and amelioration by passing flatus.

Investigation:

Viral load- 16500000 IU/ml (16/01/2013) (HBV viral load by TAQ MAN)

Report of HBs Ag ELISA- HBsAg detected

Physical and mental generals:

The patient is hot thermally. His appetite was normal desires spicy food. The patient was hopeful about recovery. Talkative, likes spiritual things for reading. Angry when someone contradicts him. He has been used to give order to his family and friends. He was always commented on his lack of confidence in case taking.

General physical examination:

Height-5’5”, weight- 67kgs, Anaemia-nil, jaundice-nil, cyanosis- nil, cyanosis-nil, generalised lymphadenopathy- nil, pulse-84/min, BP- 140/90 mm of Hg, temperature- 98.4 F

Systemic examination:

Respiratory system, gastro-intestinal, locomotor and nervous system: NAD

Reperterisation:

The Reperterisation was done by using Radar 10 software, by using synthetic repertory, the following rubric were selected for Reperterisation

- Mind-delusions-possessed of being
- Mind-delusions-persecuted-he is persecuted
- Mind-delusion-injured-being injured is
- Mind-delusion-poisoned- he-about to be poisoned, he is
- Mind-wrong-suffered wrong he has
- Mind-objective reasonable
- Generals-warm aggravation

	hebe	hyos	sulph	kafrax	fluac	bol	caust	sil	spth	ame	china	franc	nat-m	phos	strac	
1. MIND - DELUSIONS - possessed; being	1	2	2				1	1	1	1	2		3		1	1
2. MIND - DELUSIONS - persecuted - he is persecuted	2	2	2	3	1	1	1	1	1	1	3	1	1			1
3. MIND - DELUSIONS - injury - being injured is	1		1	1	1		1									3
4. MIND - DELUSIONS - poisoned - he - about to be poisoned, he is	1	2		2	3											
5. MIND - DELUSIONS - wrong - suffered wrong; he has	1	3							1		1					
6. MIND - OBJECTIVE, reasonable	1				1		1						1	1		
7. GENERALS - WARM - agg.	2	2	3	1	1	1	1	1	1	2	1	1	3	3		

Selection of remedies:

After repertorial analysis, the similimum was selected on the basis of totality of symptoms. Lachesis was the remedy was strongly indicated.

Sr no	Complaints	Prescription with date
1	On the basis of totality	22/06/13 : Lachesis 6c / 3doses /1 dose each morning Followed by 15 days placebo
2	<ul style="list-style-type: none"> • Severe itching all over the body after medicine • Lipoma As It Is • Blackish Discoloration Reduced • Stool : Satisfactory • Generalized Weakness Reduced • BP : 130 /90 mm of Hg • P : 82/min • Viral load-37,10,000 	22/03/14 Lachesis 30 / 3doses /1 dose each morning Followed by 15 days placebo
3	<ul style="list-style-type: none"> • Itching All Over The Body Reduced < After Sour Food • Lipoma As It Is • Blackish Discoloration Reduced • Stool : Satisfactory • Generalized Weakness Reduced • BP : 130 /90 mm of Hg • P : 82/min 	05/04/14 Lachesis 6c /1 dose stat Followed by 15 days placebo
4	<ul style="list-style-type: none"> • Itching all over the body increased ,more on back <after meals , spicy • Sensation : flushes of heat from body • Lipoma as it is • Pimples on forehead • Generalities better • Bp :120/80 mm of Hg • P : 88 /min 	19/04/14 Placebo repeated for 15 days
5	<ul style="list-style-type: none"> • Pimple reduced over forehead • Itching persist • Unsatisfactory stool since 2 days • Bloating of abdomen • Lipoma as it is • Sleep disturbed 	26/04/14 Placebo repeated for 15 days
6	<ul style="list-style-type: none"> • Complaint reduced • Itching reduced • Pimple reduced • Lipoma as it is 	10/05/14 Placebo repeated for 15 days

7	<ul style="list-style-type: none"> • Generalized weakness since 3-4 days • Tiredness feeling • Bitter taste in mouth • Itching all over body reduced no burning sensation 	31 /05/14 Lachesis 30 /1 dose stat, followed by placebo for 15 days
8	<ul style="list-style-type: none"> • Totally better after medicine • Lumbago • In general patient feeling better, feeling fresh • Stool : unsatisfactory , 2to 3 /day • Lipoma as it was • No itching all over body • No pimples on face 	21 /06/14 Placebo for 15 days
9	<ul style="list-style-type: none"> • Eruption on face since 10 days • Acidity better • Lipoma as it is • No Itching all over body 	12/07/14 Placebo for 15 days
10	<ul style="list-style-type: none"> • Eruption on face reduced • Acidity better • Lipoma as it is • No Itching all over body 	28/07/14 Placebo for 15 days
11	<ul style="list-style-type: none"> • Cough since 4 days , whitish expectoration <change of weather • Eruption on face reduced • Acidity better • Lipoma as it is • No Itching all over body • Lumbago • Viral load- 4,29,372 	16/08/14 Lachesis 30 /1 dose stat, Followed by placebo 15 days
12	<ul style="list-style-type: none"> • Eruption on face reduced • Acidity better • Lipoma as it is 	26/08/14 Lachesis 30 /1 dose stat, Followed by placebo 15 days
	<ul style="list-style-type: none"> • No Itching all over body • Lumbago • Stool : satisfactory 	
13	<ul style="list-style-type: none"> • Pain in lumbar region persist , < prolong standing , > rest • Cold and cough since 4 days ,expectoration yellowish • Generalized weakness • Lipoma persist 	20/09/14 Lachesis 30 /1 dose stat, Followed by 15 days placebo

14	<ul style="list-style-type: none"> • Pain in lumbar region reduced • No weakness • No coryza. • Blackish discoloration over face. • Lipoma • Appetite : increased 	04 /10/14 Followed by 15 days placebo
15	<ul style="list-style-type: none"> • Pain in lumbar region reduced • No Itching all over body • Lumbago 	18/10/14 Lachesis 30 /1 dose stat, Followed by 15 days placebo
16	<ul style="list-style-type: none"> • Itching all over the body ,since 4 days • Lipoma on upper limb increased in number • Sleep disturbed 	15/11/14 Lachesis 6c /1 dose stat, Followed by 15 days placebo
17	<ul style="list-style-type: none"> • Pimples reduced • Itching all over the body since 15 days • Pain in lumbar region on & off • Stool : unsatisfactory ,2 – 3 times/day 	29/11/14 Followed by 15 days placebo
18	<ul style="list-style-type: none"> • Itching better • Pain in both the knees ,since 15 days <morning after waking up • Swelling over both ankle joint ,since 15 days <standing • Backache since 15 days < morning ,night >massage • Stool unsatisfactory 2-3/ day 	27/12/14 Followed by 15 days placebo
19	<ul style="list-style-type: none"> • Itching better • Pain of knees better • Backache reduced • Swelling over both ankle joint 	10/01/15 Followed by 15 days placebo
20	<ul style="list-style-type: none"> • Pain in knee joint • Swelling over both ankle joint • Generalities better • Bp : 110/80 mm of hg • P : 84 /min 	14/02/15 Followed by 15 days placebo

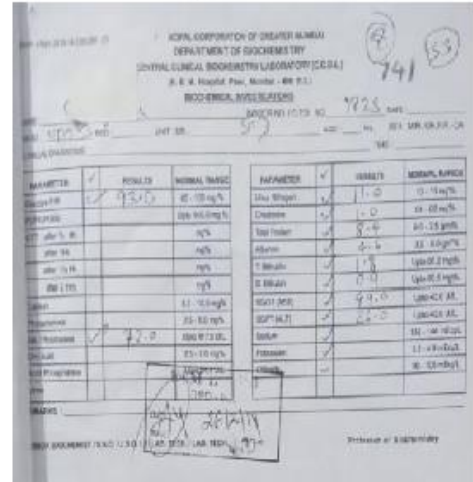
Discussion and conclusion:

Homeopathic Medicine is the cost effective management for reduction of viral load in Hepatitis B infection. The viral load was profoundly lowered with only homoeopathic treatment without conventional treatment. As the patient was better symptomatically and the viral load was reduced the patient discontinued the treatment so that we cannot come to viral load zero. Such an evidence-based study will prove the information given in homoeopathic literatures and will establish the homoeopathic system on modern scientific parameters.

Report 3



Report 4



Report 1



Report 2



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