

Role of Step / MP 6 / Ranger in Management of Leptospirosis



LEPTOSPIROSIS

- Leptospirosis is a serious illness appearing following heavy monsoon, due to heavy water logging.
- Leptospirosis is caused by bacteria called *Leptospira interrogans*.
- Leptospirosis is a potentially serious illness.
- Leptospirosis primarily affects farmers, sewer workers or others whose occupation involves contact with animals, especially rats.
- Leptospirosis is most common in the tropics.
- Infected wild and domestic animals pass bacteria in their urine and is generally not transmitted from person to person.
- People get leptospirosis by contact with fresh water, wet soil, or vegetation that has been contaminated by the urine of infected animals.
- To prevent leptospirosis, minimize contact with fresh water and mud that might be contaminated with the urine of infected animals.

Our range of Products:

STEP CAPSULES AND SYRUP

- ❖ Natural anti microbials such as Vranapahari Ras , Gandhak Rasayan, Arogyavardhini etc.
- ❖ Improves phagocytic co-efficient.
- ❖ Blends safety with efficacy.
- ❖ Prevents recurrence



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Natural ingredients of Step Capsule have an inhibitory effect on growth of pathogens causing infections. Step increases chemo taxis of polymorphs at the site of infection. Clears chronic and stubborn infections and has antiinflammatory and anti- exudative properties. No resistance or side effects observed.

Dosage: 1 capsule 2 to 3 times a day

MP – 6 CAPSULES

M P 6 is a product of choice in Malaria; as analgesic & antipyretic and for prevention of recurrence of fevers of any etiology.

Sudarshan churna and other five vital ingredients of MP 6 make it a powerful natural analgesic, antipyretic drug which has capacity to prevent recurrence of fevers caused by common infections.

RANGER CAPSULES & SYRUP

- ❖ Ranger is the versatile re-vitalizer and rejuvenator.
- ❖ It revives Physical Capacity and raises threshold of fatigue ability following any infection. It improves Metabolic Functions of body and thereby rejuvenates the body
- ❖ Ranger improves physical fitness and mental alertness. It has anti stress & anti oxidant properties.

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What is leptospirosis?

Leptospirosis is a potentially serious illness that can affect many parts of the body.

What is the infectious agent that causes leptospirosis?

Leptospirosis is caused by *Leptospira interrogans*, a corkscrew-shaped bacterium (spirochete).



Where is leptospirosis found?

Leptospirosis-causing bacteria are common worldwide, especially in tropical countries with heavy rainfall. Infected rodents and other wild and domestic animals such as rats, dogs, cats etc. pass the bacteria in their urine. The bacteria can live for a long time in fresh water, damp soil, vegetation, and mud. Flooding after heavy rainfall helps spread the bacteria in the environment.

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How is leptospirosis spread?

People get leptospirosis by contact with fresh water, damp soil, or vegetation contaminated by the urine of infected animals. People who canoe, raft, wade, or swim in contaminated lakes, rivers, and streams can get leptospirosis. Leptospirosis is also a problem for people who work in contaminated flood plains or wet agricultural settings.

Leptospirosis bacteria can enter the body through broken skin and mucous membranes. The bacteria can also enter the body when a person swallows contaminated food or water, including water swallowed during water sports. Once in the bloodstream, the bacteria can reach all parts of the body and cause signs and symptoms of illness.

What are the signs and symptoms of leptospirosis?

Most infected persons have a mild to moderate illness that is like many other tropical diseases. Symptoms include fever, headache, chills, nausea and vomiting, eye inflammation, and muscle aches. In more severe cases, the illness can result in liver damage and jaundice (yellowing of the skin and whites of the eyes), kidney failure, and internal bleeding. People who are seriously ill with leptospirosis often need to be hospitalized.

How soon after exposure do symptoms appear?

Symptoms usually begin about 10 days after infection.

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How is leptospirosis diagnosed?

Leptospirosis is diagnosed by a special blood test that is available through state health departments.

Who is at risk for leptospirosis?

- People who take part in freshwater recreational activities in areas where leptospirosis is common, especially during the rainy season or in times of flooding
- Farmers, workers in rice fields, sewer workers, and others whose jobs involve contact with water or mud that is contaminated by animal urine, especially the urine of rodents
- Veterinarians and others in contact with leptospirosis-affected animals

What complications can result from leptospirosis?

Severe or untreated leptospirosis can lead to organ system damage and, in rare cases, death.

What is the treatment for leptospirosis?

Leptospirosis is treatable with antibiotics. Treatment should be started as soon as possible. Severely ill persons might need intravenous antibiotic treatment and other supportive care.

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How common is leptospirosis?

Mild leptospirosis is common in tropical countries where people have regular contact with fresh water and animals. The disease is under-diagnosed in the United States. The 50 to 150 cases reported each year are probably only a fraction of the total number of infections.

Is leptospirosis an emerging infectious disease?

Yes. Increased awareness of the disease has led to increased recognition. In 1995, after widespread flooding in Nicaragua, a leptospirosis epidemic killed at least 13 persons and made more than 2,000 others sick. In 1997, nine whitewater rafters from the United States were infected during a river trip in Costa Rica. Leptospirosis is also a problem in deteriorating inner cities that are infested with rats.

How can leptospirosis be prevented?

- Minimize contact with fresh water, mud, and vegetation that might be contaminated with the urine of infected animals, especially rodents.
- Wear protective clothing, such as waterproof boots or waders, when participating in recreational or work activities that might result in contact with contaminated water.
- If your travel plans might put you at risk for leptospirosis, consider taking antibiotics before and during travel to help prevent infection from short-term, high-risk exposures.

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This fact sheet is for information only and is not meant to be used for self-diagnosis or as a substitute for consultation with a health-care provider. If you have any questions about the disease described above, consult a health-care provider

VASU PHARAMA PROUDLY ANNOUNCES THE REMEDY FOR THIS CONDITION

STEP CAPSULES AND SYRUP

The important ingredients of **Step Capsules** are Vranapahari Ras , Gandhak Rasayan, Arogyavardhini and chopchini. These are natural anti microbial drugs and also have analgesic, anti-inflammatory effects. Due to improvement in phagocytic co-efficient, **Step** quickly controls bacterial infection. **Step** blends safety with efficacy. **Step** also prevents recurrence

Herbal ingredients of **Step** have an inhibitory effect on growth of pathogens causing infections. **Step** increases chemo taxis of polymorphs at the site of infection. Clears chronic and stubborn infections and has anti inflammatory and anti- exudative properties. No resistance or side effects observed.

Dosage: 1 capsule 2 to 3 times a day

MP – 6 CAPSULES

The name of product indicates there are six vital ingredients of **MP 6 CAPSULES**.

These are

- Sudarshan Churna works as a preventive in fever.

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- Cinchona Bark prevents the development of plasmodium and increases appetite
- Saptaparna is effective as sulphate of quinine and has no side effect like quinine
- Aranya Jirak is anthelmintic prevents intermittent fevers and arrests vomiting associated with fevers
- Kuberakha has ant-malarial property.
- Katuk Rohini corrects liver and functions which are generally disturbed due to infections and fevers.

Recommended dosage: 1 capsule three times a day

RANGER CAPSULES & SYRUP

Ranger is the versatile re-vitalizer and rejuvenator.

Four main ingredients of Ranger and their functions are :

Ashwagandha is a natural anti oxidant

Guduchi is immuno-modulator

Shatavari is richest source of minerals and micro nutrients.

Bala strengthens immunity

Ranger revives Physical Capacity and raises threshold of fatigue ability following any infection. It improves Metabolic Functions of body and thereby rejuvenates the body

Ranger improves physical fitness and mental alertness. It has anti stress & anti oxidant properties.

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Normal recommended dose of **Ranger** Capsules is 1 capsule B.I.D. for 15 days followed by 1 capsule at bedtime

Ranger syrup is recommended to be taken in dose of 10 ml B.I.D.
