



## **SCOPE OF BACILLINUM IN LM POTENCY IN THE MANAGEMENT OF RINGWORM MANIFESTATION IN AGE GROUP OF 14-20 YEARS AN UNCONTROLLED EXPERIMENTAL STUDY**

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### **ABSTRACT:**

The rings infection concerns all dermatophytoses of glabrous skin except the palms, feet and weaknesses that are observed in all age groups, much common in animal workers and manuals in workers, the transmission is usually caused by self -contamination in one part of the body: dermatophytosis and ring. Contact with animals or contaminated soil is more common in tropical and subtropical areas.

A typical picture is a ring lesion with a scale along the entire erythema boundary. The boundaries are often vesicular and are powered by centrifugal. The center of the lesion is usually scaly, but can show cleaning. Concentric lenticular circles indicate an anonymous disease caused by T. Rubrum, while the concentric rings of Tinea Imbricate show only a small to no vesiculation. T. Rubrum infections can also occur as a large, confluent polycyclic or psoriasiform plaques.

According to other medicine systems, the rings infection is a superficial fungal infection, which is usually treated with external application that only suppresses the condition of the disease, but homeopathy has a broader and better extent in providing fine and permanent results in the case of circular worms.

**KEYWORDS:** Bacillinum, LM Potency, Ringworm, Homoeopathic Remedy, Homeopathy and Homeopathic Medicine.

### **INTRODUCTION:**

Healthy skin is a source of joy not only for its owner, but also for those who see it ... the skin makes more than introducing one face of the world; It plays a crucial role in maintaining physical and mental health.

The skin is the largest organ in the body and is also various because it adapts to circumstances ...

The skin is hard, flexible and practically resistant to an aqueous solutions, bacteria or toxic compounds. The skin varies in thickness and other properties from one part of the body to another, which often is responsible for the distribution of skin diseases.

Skin layers are very similar to layers of soil in the flowerbed. Each layer has its use and all layers of skin (or soil) cooperate on the provision of nutrients and protection of things that grow in it.

The leather is the main protective barrier between internal structures and the outer environment. Because it is murdered with the environment, the skin plays a key role in protection (body) from pathogens and is therefore also susceptible to various diseases. Worm infection is one of them that is commonly seen in the population.

The rings infection refers to all dermatophytoses of glabrous skin except the palms, feet and weaknesses. Although any dermatophyte can cause rings infection, but the characteristic cause is tinea. Dermatophytes. Tinea. Rubrum. and tinea.

Verrucosum is the most likely candidates in cases with further involvement of follicular. The classic presentation is a figural lesion with a scale throughout the outline of the erythema. Boundary is often Utricle and progress circularly is the center of Peru usually scaly but can show arrhythmia

At this stage, other schools try to fight against the condition using local ointments and drugs that do nothing but contain or alleviate the condition.

Followed by the opposite condition, ie the return of evil, often seriously deteriorated. This suppression is the cause of many chronic diseases and sources of work disorders.

In homeopathy, the concept of "whole" or "holistic concept" is more interested in narration rather than the so-called local treatment". The cause, the cause of stimulation after this organic whole whole, will completely change, any action based on the stamp of the individualistic whole on it. So this is not mere

"Stimulus" or with the local part" to be treated, but this person is the whole relationship to Hahnemann once said, "There are no illnesses but sick people". Treatment with antifungal and topical applications only suppresses the worm (the resulting condition) that may occur again and again. In some cases, the suppressed worms infection may lead to some systemic diseases.

For the treatment of worms cases, the homeopathy system is enriched with several medicines that are harmless and help patients recover from this condition. Treatment is found at the completeness of a symptom that is obtained after the individualization of the case and the detection of characteristics. Homeopathy claims that each individual is unique and therefore needs unique treatment when he is ill. It is easy to handle every case according to its specific presentation due to special nature

Materia Medica and its therapeutic application based on the Similia law

Managing skin reactions to fungal infections is a homeopathic challenge.

Successful treatment of strong and dynamic therapy dilution brings impressive results that will satisfy both the patient's suffering and the nursing homeopathy. I have been a homeopath that feels that it is a privilege and a wish to attract this clinical condition of worms to understand its presentation, corrective access, with repair energy, to become a visual approach, age energy in 14-20, which was in homeopathic and observed in different age energies. It became a visual approach, and it was in homeopathic treatment and observed reduction in Homeopathic treatment and observed the reduction in the order, which allows you to function properly.

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## REVIEW OF LITERATURE:

Rings infection

Worm infection refers to all dermatophytoses of depilated skin except the palms, feet and weaknesses.

Historical aspects

A study of fungal infection began 100 years ago beyond the above; The remake described the fungal character of the clinical disease. And Gruby Favuse in culture and experimentally reproduced the disease by incorporating into normal skin. But it was until 1910, when Raymond Saboraud published an article, Les Tiegnes classified dermatophytes<sup>1</sup> into 4 genera based on their microscopic and clinical specifications

Dermatophytes are a group of taxonomically related mushrooms whose ability to create molecular connection of keratin and use them as a source of nutrients allows them to colonize keratinized tissues, including stratum corneum epidermis, hair, nails and horny animals. Surface infection caused by dermatophyte is called dermatophytosis, while dermatomycosis concerns systemic or deep fungal infections.

## EPIDEMIOLOGY:

Worm infection is also transmitted directly from infected people or animals, through foms or autoinoculation from tanks such as colonization of the legs of *T. Rubrum*. Children are more likely to contact zoophilic pathogens, especially *M. canis* from dogs or cats. Okluzive clothing and warm, humid climate are related to more frequent and more serious eruptions.<sup>3</sup> Occassy clothing, frequent skin contact and smaller trauma (Mat Burns) of competing wrestling create an environment during which dermatophytes flourish. The result was numerous foci "tinea corporis gladiatum", mostly caused by *T. Tonsurans*. Preliminary evidence suggests a high prevalence of the disease even in the absence of pandemic. *Tinea imbricata*, caused by *T. concentricum*, is essentially limited to the region of the region, the Pacific and South and Central America and is prevailing in natives than residents. The explanation of this observation includes the need to accumulate chronic infection in infant and genetic susceptibility.

Age of Starting: All Age Categories

Occupation: An animal (large and small) workers

Transmission: Autoinoculation from other parts of the body, ie from the rounding hole and pump, contact with animals or contaminated soil. Autoinoculation from other parts of the body, ie from athletic legs and a round worm, contact with animals or contaminated soil.

Geography: More common in tropical and subtropical areas

Predisposition factors: Most often infection spreads from dermatophytic foot infection (*T. Rubrum*, *T. Mentagrophytes*). The infection can also be obtained from the full life of the animal (*T. Verrucosum*, *M. Canis*) or rarely from the soil (*M. Gypseum*).

Incubation period: Days up to months: weeks to months to years. ETIOLOGY:

Although any dermatophyte can cause tinea corporis, the most common causes are *T. mentagrophytes*, *T. Rubrum* and *M. Canis*. *T. Rubrum* and *T. Verrucosum* are the most likely candidates in cases with further folk disabilities.

Clinical manifestations:

The rings infection is in many variants. A classic presentation is a ring lesion with a scale on the entire erythematous edge. The border is often vesicular and increases. The center of the lesion is usually scaly, but can show cleaning. Concentric vesic rings suggest that tinea incognito caused by *T. Rubrum*, while concentric rings *Tinea Imbricata* show only a small to no vesiculation. *T. Rubrum* infections can also occur as a large, confluent polycyclic or psoriasiform plaques.

## INVESTIGATION

The diagnosis of ring infection can be confirmed by the following examination

(i) Preparation of Koh.

(ii) Examination of the phone tape on the cello and staining with schiffic agents (PAS) with periodic acid.

(iii) Examination of wood lamp.

(IV) Culture on Medium Sabouraud.<sup>8</sup>

Laboratory finding

Any erythematous, scaly eruption should be scraped for a coh examination. Obtaining scratches by scratching out of the active boundary maximizes sensitivity, while vesicles and bulls have the most organisms in their roofs. Due to the high degree of false negative products KOH is often necessary for diagnosis for fungal culture of scrap. In cases with dermal granulomat, however, cultivation bioptic material creates the highest yield.

## ***PATHOLOGY***

The stains of the usual Ringworm monitor monitor the pink hyphae inside Stratum Corneum. The hyphae are basophilic with hematoxylin and eosin and black stains with methenamine silver. If organisms are missing, histopathology is non -specific and resembles acute or persistent dermatitis without spongiotic vesicles or with spongiotic vesicles. Variations of nodular perifolliculitis as a result of Tinea Rubrum presents peripheral granulomatous response commonly accompanied by central necrosis and complement. Organisms are present on hair and dermis and large spores (6 UM) can be found in multinucleated giant cells.

Differential diagnostics:

The differential analysis of the contamination of annular worms consists of annulare centrifugum erythema, Numular eczema and granuloma Annulare.

The ring, erythematous lesion is excellent on a scale on the towing edge of the advancing boundary rather than the entire border.

Nummular eczema tends to give more fuck and symmetrical lesions than Tinea corporis and lacks primary clearing.

Granuloma Annulare includes intradermal papules without a scale.

Papulosquamous lesions of Tinea corporis can also resemble pityriasis rosea, secondary syphilis,, or pityriasis rubra pilularis, psoriasis, seborrheic dermatitis, Planus lichen.

These are usually easily differentiated through their specific medical features; In any other case, it is diagnostic biopsy.

Tinea Faciei often lacks an amazing raised scaly border and can mimic photodermatitis including lupus erythematosus or dermatomyositis. However, the maximum tinea faciei lacks follicular connection and the paciloderma of connective tissue disease.

Other photodermatoses to take into account the polymorphic mild eruption, touch dermatitis and pimples of Rosacea. In the inflammatory versions of the tinea corporis, various infectious techniques, including bacterial, candidate or deep fungal infections, should be considered. Verrucous and granulomatous lesions may resemble mycobacterial infections or blastomycosis

Role l m Pochlllka:

Main features of the introduction of LM potency

Hahnemann, while in 1840 he was actively turned into homeopathy in Paris, he had to cope with a large range of suffering from particularly concerned disorders. During the drug, he observed in most cases a hard healing deterioration, even after the use of low efficiency, as determined with a fifth ED. He found that one of the basic homoeopathic principles of the "ideal of therapy" cannot be realized with this centimal efficiency. Then the master was converted to LM efficiency.

It then restores Organon carefully to pass, paragraph through paragraph, which has performed a vital revision, census and change. This has led him to minimize the amount of drug substance.

A disadvantage of a central scale

- These reduction in potentials are not in order to stimulate a regenerative reaction.
- This effectiveness requires long -term treatment of the disease. Therefore, rapid therapy is not possible with this efficiency.
- Higher efficacy brings undesirable medicinal deterioration.
- One dose of excessive efficiency behaves for many weeks to months. The doctor must therefore focus on a high quality result. If the end result is negative, then it should prescribe a new medicinal medicine. Moreover, in the period between the affected person, she could also go seriously and may lose religion in homeopathy.
- It will no longer be possible to copy the dose, despite the fact that there are residues of the symptoms of the disease.
- Dispute and confusion with the management of dose and effectiveness.

The meaning of the term '50 Millesimal' or 'lm':

No. 10 Globule is required to saturate drugs in LM efficiency. One hundred globe equals one grain (ie sixty -five mg). 500 Globe to be soaked in one drop of previous efficiency. One such medicated globule is needed for the subsequent diploma of dynamization<sup>43</sup> on the LM scale.

Therefore, 1/five hundreds of drops are used in LM efficiency rather than one complete decline. The substance that is part of the drugs will be reduced ( $1/\text{one hundred} \times 11500 = 1/50\,000$ ) 50,000 instances for each dynamization diploma and at the same time when the healing of drugs will increase extremely.

Therefore, the terminology is used to indicate this efficiency of 50 MiileSimal or LM efficiency justified.

Comparison between Centesimal and LM:

C 'scale organized in a step with organon directives fifth ed. and lm in step with the sixth ed.

- In scale C 'is the proportion of active substance and car 1: ninety -nine in 1. Network, while in lm scale it is a mile 1: 50,00 000 000
- During potentialization he wants 10 slunts and LM longs for stins.

Dose Preparation:

For oral:

- It is essential to make an aqueous response to the effectiveness of LM to adjust the dose to suit the sensitivity of the affected person.
- Take one easy bottle of 40z with a cork. Insert the 2/third part of this H2O drumstick and record a few drops R.S. to prevent the answer.
- Mixed the simplest medicated globule no. 10 to this answer. Now it is ready for use.

- The response to 7 or eight doses divided.

For olfaction:

- Take one easy bottle with an ounce with a cork.
- Place one medicinal globule and one drop of H<sub>2</sub>O to dissolve the answer.
- Then place the 2/3rd part of this drink with r.S44.

This is ready for inhalation ...

Axle management:

Oral:

- According to the sensitivity of the affected person Succus The Phial 8110/12, which previously used medicinal drugs. This could also decorate the release of kinetic energy, which could also run that the healing response is strongly.
- Each dose from the answer should be implemented with identical Manne43R. In case of deterioration, drug treatment must be stopped and must be permitted to settle deterioration.
- If the treatment is indicated, now administer the treatment using the diluted answer in 1 ", 2D, third or 4th glass H<sub>2</sub>O.

### **OLFACTION:**

This software technique is used in hypersensitive, irritating nature.

According to the sensitivity of the affected person, an instance with eLive/10/12 is sucking before the chosen drug.

For a few seconds you will be placed on one nose for breathing in drugs. Apply a step with a necessity.

Method of LM Effectiveness:

Hahnemann actually warned approximately the treatment of drugs in aphorism 248, Organon 6 ..

- In very urgent cases, it should be nicely decided on a healing drug every hour or often (ie in this situation we could also monitor the medicinal drug every 5, 10, 15, 30, 60 minutes C language as vital - s.c.)
- In fashion acute cases, medicinal drugs should be implemented every 6 hours.
- In resistant diseases (ie chronic diseases - s.c.), every day or every 2D day.

LM advantage throughout the stem:

- Fast and mild perfect therapy of acute and chrome diseases.

The best blessing of this profession. The direction of the axle can be minimized in half, one zone or perhaps larger.

- does not require any antidote
- The highest improvement of force
- Maximum effective in action
- The smallest reaction
- Can be adequately administered in maximum fatal cases without fear
- Permissible frequent repetitions. Even the lengthy appearing drugs can be repeated while they are vital.
- Observation could be very easy<sup>43</sup>

Observation of the affected person after treatment of drugs could be very easy.

Homeopathic approach:

Homeopathy is the wisdom of rectifiers that helps restore the skin to the health by administering a drug grounded on the principle of Similia Similibus Curentur - let the likes be cured.

Ringworm infection is an external donation of internal complaints due to reduced vitality and impunity. Homeopathy does not believe in the treatment of any skin conditions by simply using ointment or creams.

### **REPERTORIAL APPROACH**

#### **MURPHY'S REPERTORY**

##### **Skin - RINGWORM, general**

anac. anag. ars-s-f. BAC. Bar-c. Calc. calc-act. chrysar. clem. dulc. dys. equis-h. Eup- per. Graph. hell. hep. iod. Lith-c. mag-c. med. Nat-c. NAT-M. phos. PHYT. Sanic. SEP. spong. sulph. syc. TELL. THUJ. tor. TUB.

rings, in intersecting-tell.

SYNTHESIS 8.1V

##### **SKIN - ERUPTIONS - ringworm**

anac-oc. anag. ant-t. Ars. Bac. bapt. bar-m. Calc. chim. chrys-ac. chrysar. cupr. dulc. eup- per. Graph. jug-c. jug-r. lappa lyc. mez. nat-m. oci-sa. ol-j. phyt. psor. rad-br. Sep. sil. Sulph. Tela tell. thuj. tub. viol-t

SKIN - ERUPTIONS - herpetic - circinate

anac. anag. ars-s-f. BAC. bacis-10. Bar-c. bar-s. Calc. calc-ar. chrysar. clem. dulc. dys. equis-h. Eup-per. Graph. hell. hep. iod. lach. Lith-c. mag-c. med. morg. morg-p. Nat-c. NAT-M. parth. phos. PHYT. psor. rad-br. sanic. semp. SEP. spong. sulph. syc. TELL. THUJ. tor. TUB.

TRICHOPHYTOSIS - ringworm

Ant. c., Ant. t., Ars., Bac., Calc. c., Calc. iod., Chrysar., Graph., Hep., Jugl. c., Jugl. r.,

Kali s., Lyc., Mez., Psor., Rhus t., Semperv. t., Sep., Sul., Tellur., Tub., Viola tr. Intersecting rings [in] over great portion of body; fever; great

**Constitutional disturbances-Tellur.**

Isolated spots [in] on upper part of body- BAC

SCHROYENS. F. SYNTHESIS 9.0

SKIN - ERUPTIONS - ringworm

anac-oc. anag. ant-t. Ars. Bac. bapt. bar-m. Calc. chim. chrys-ac. chrysar. cupr. dulc. eup- per. Graph. jug-c. jug-r. kali-i. lappa lyc. mez. nat-m. oci-sa. ol-j. phyt. psor. rad-br. semp. Sep. sil. Sulph. Tela tell. thuj. tub. viol-t.

SKIN - ERUPTIONS - herpetic - circinate

aegle-f. anac. anag. ars-s-f. BAC. Bar-c. bar-s. Calc. calc-act. carc. chrys-ac. chrysar. clem. dulc. dys. equis-h. Eup-per. Graph. hell. hep. Hydr. iod. Lith-c. mag-c. med. morg-p. mucor Nat-c. NAT-M. oci-sa. ol-j. phos. PHYT. psor. semp. SEP. spong. sulph. syc. TELL. ter. thuj. tor. TUB.

SKIN - ERUPTIONS - herpetic - circinate - rings, in intersecting-BAC. SKIN - ERUPTIONS - herpetic - circinate - spots, in isolated-BAC ,SEP CLARKE

**J.H., CLINICAL REPERTORY (ENGLISH)-CLINICAL-Ringworm**

anac-oc. anag. ant-t. Ars. Bac. bapt. bar-m. Calc. chim. chrys-ac. cupr. eup-per. jug-c. jug-r. lappa mez. ol-j. phyt. psor. Sep. Sulph. Tell. viol-t4

Rubrics related to the symptoms of Dermatophytosis, in the book 'Repertory of Miasms' by Ramanlal Patel<sup>25</sup>:

Skin – eruptions, herpetic, circinate – psora +

Skin – eruptions, herpetic, circinate, spring, every – psora+, latent psora+ Skin – eruptions, itching – psora ++

Skin – eruptions , itching, evening psora++ Skin – eruptions , itching, night psora ++

Skin – eruptions , itching, patches, bleeding after scratches – psora ++ Skin – eruptions , itching, touch agg. – psora ++

Skin – eruptions , itching, undressing when – Psora ++ Skin – eruptions , itching, warmth agg – psora ++

Skin – eruptions , itching, warmth of bed agg. – psora ++, syphilis + Skin – eruptions , rash suppressed – psora +++

### BACILLINUM

Bacillinum Burnett (a maceration of a typical tuberculous lung Introduced by Dr. Burnett) Ringworm Worse, night, early morning and cold air. This drug is one of the deep acting nosode which acts more significantly on respiratory system and on skin. It should not be given below the thirtieth and not repeated frequently. One dose a week often sufficient to bring about reaction, It is rapid in action, and good results ought to be seen, otherwise there is no need of repetition says William Boericke.

### CHARACTERISTIC PARTICULARS:

The skin complaints in Bacillinum are very characteristic and case showing < of itching in night, and > by scratching and cold application was observed in all cases which justifies the skin features of Bacillinum.

As burnett and hahnemann says this medicine repeated frequently in high doses. So frequent repetition was done with satisfactory result.

## CONCLUSION:

In our every day practice, if we comply with the directives of our Master in case of choice of efficiency and management of dose, we will without a doubt attain our aim through relieving the unwell being in shortest durations with none livid medicinal aggravation.

Prescription of lower potencies can sometimes cause prolonged and severe aggravation of symptoms in the child and asking them to wait with patience is like asking them to ‘‘ wait in the storm’’. LM potency – the renewed dynamisation provides a much gentler and rapid

alternative. ‘‘Weathering the storm’’ of an aggravation for a few hours for one day is a lot easier than for several days. Adjustment of the potency and the dose can be done easily and immediately if there is an aggravation with the well-selected remedy, also frequent repetitions can be done in acute and severe cases without any harm.

However there is limited data and researches exploring the full potential of homoeopathy, especially 50 millesimal potency drugs in Ring worm infection. Prescription of LM potency<sup>44</sup> in practice is still not has come into limelight and not been explored for its fullest capacities regarding present scenarios. This prospective study has focused towards fulfilling the purpose of a comprehensive review and the exploration of Dr. Hahnemann’s greatest discovery i.e. 50 millesimal scale potency in the Ring worm infections along with clinical features and listing the common etiological factors making this vulnerable to this infections.

Also by prescribing the 50 millesimal potency drugs we will be aiming towards the rapid and gentle healing of the patients devolving them of their discomfort at the earliest possible hour.

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