

Medical Science

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MEDICAL SCIENCE

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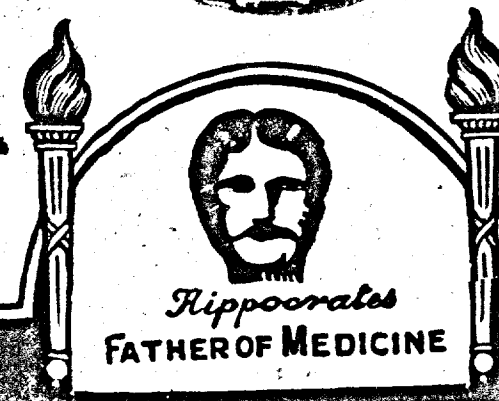
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MEDICAL SCIENCE

VOL. 9.

OCTOBER 1944.

No.



GREATEST HOAX IN HISTORY

By G. Bernard Hughes.

—: (0):—

Catherine the Great, Empress of Russia, never lost the capacity to fall in love. But even those later affairs which scandalised Europe were really nothing but variations on the theme of her indestructible attachment to one man, Gregory Potemkin. The love of these two, whose common bond was ambition, realised itself in a dream of world rule.

Outwardly, the two had little in common: the Empress, personification of order and punctuality, who never drank alcohol, who rose at dawn and in her fifteen-hour day accomplished more work than ten men—and Potemkin, who spent his days in lounging, his nights in drinking, and whose gluttony was a byword.

Yet Potemkin worshipped her; he overwhelmed her with tenderness; he was a past master at choosing presents valued solely for their superb frivolity. With him she became a real woman letting herself be spoilt by a man.

At first, Catherine thought him "the most comical and amusing character of the century," for this woman who had known so much horror yearned for gaiety and laughter. But presently she came to appreciate his real qualities. "Ah, what a good head the man has!" Potemkin became Assistant Minister for War and, almost overnight, he was War Minister.

Then, suddenly he left for the south.

NOTICE.

Owing to the German occupation of France, our Head Office has been transferred to London.

Through special arrangements by the manufacturers, all French medicines for which we are Agents are now being manufactured by reputable British firms, who have purchased the manufacturing rights for England and the British Empire for the duration of the war.

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WRITE FOR GENERAL CATALOGUE.

While he was merely Catherine's lover, Potemkin led a life of indolence, but the moment he became Minister for War, his life became ruled by that "tremendous plan worthy of a Caesar," already shaped in Catherine's mind, the ruling of the Black Sea and all South-Eastern Europe. In 1783 she quietly annexed the Crimea, and Potemkin's job, as governor of the province, was to turn this desert waste into a civilised country.

The task appealed to him. He embarked upon a hundred projects: the building of the naval harbour at Sevastopol, vast fleets of merchant vessels and warships; importation of silkworms from China; planting of forests and vineyards; new factories and roads; he made plans for a magnificent new town on the river Dnieper, to be named Ekaterinoslav—"Catherine's Glory."

He made journeys north to inform Catherine of these new wonders. And she believed him. She believed, too, in the other miracles he reported: fields of waving corn, villages of contented, prosperous peasants—she really believed that in three years Potemkin had created the happiest, most fruitful province of her empire out of barren steppe-land. She must visit the new province, see for herself these miracles. Though now fifty-eight, her enthusiasm would not let her hold back.

A Great Illusion.

Potemkin had not made a garden out of the desert, nor wealth where there was poverty, but he was able to create

the illusion of all this for Catherine's pleasure. The villages, the factories existed only on paper; the steppes were still as desolate, the towns as ramshackle as always. But Potemkin was a marvellous stage manager and Catherine's Crimean journey was a triumph of stage management—an achievement worthy of being numbered among the wonders of the world.

Catherine set out in February—Potemkin had gone ahead to "make arrangements"—with a retinue of forty thousand. Her sledge, drawn by eight horses, was like a small house, with three windows in each wall. At each station five hundred fresh horses were waiting; huge bonfires lighted the road at night. Villagers had been ordered to re-paint their wooden houses—they painted only the walls facing the street; groups of artificial trees had been placed to screen unsightly spots, broken down roofs had been repaired, not with tiles, but with painted cardboard imitations; the populace wore its best clothes; all the ancient and infirm remained indoors; begging or the presenting of petitions was forbidden—everyone was ordered to "express their happiness by smiles and merry gestures."

Some years before, Catherine had travelled this road and read the truth in the emaciated, hostile faces—misery and hunger. Now, seeing these clean streets, the well-dressed villagers, the gay-merrymaking, she believed that she had given her subjects prosperity.

At Kiev each guest of her retinue was provided with a furnished house, servants, and carriages. After each meal the linen was given to the poor; every day the people had a new spectacle to gaze at. Catherine was a perfect hostess. Sweeping aside Court etiquette, she forbade the mention of politics. Though her body moved with difficulty, her brain darted swiftly over every subject—agriculture, town planning, child education.

As soon as the Dnieper was free of ice, the company embarked on waiting boats and began the dream-journey through Potemkin's fairyland. Seven floating palaces, followed by eighty vessels in attendance, carried three thousand persons. The Imperial galleys were lined with costly brocade; the walls, the servants' uniforms, gleamed with gold; meals were served on gold plate. Lying under her silken awning, the Empress saw towns decorated with huge triumphal arches and garlands; cattle grazing in the pastures, troops exercising, and, at dusk, peasants dancing with care-free abandon.

Fairyland Vanished

She did not know that this fairyland vanished the moment her boat had passed, that the houses behind the triumphal arches were without roofs, doors, or windows; that behind the houses were no streets; that the villages were desert-

ed; that the cattle had been brought long distances to graze before her eyes; that the dancers were wretched serfs, taught with pains and beatings, to perform their care-free capers. After sunset, they were packed into carts like a travelling theatrical company and hurried to the next stand.

At each of three anchorages there was a magnificent new palace, with artificial waterfalls and a park. Potemkin could work miracles! He turned primeval jungle into formal gardens—by transplanting trees that flourished for a few days and then slowly withered. Again houses for Catherine's guests had been temporarily erected, with every conceivable luxury.

At Ekaterinoslav the Empress laid the foundation stone of the new cathedral. Its plans made St. Peter's in Rome appear a village chapel, but the cathedral was never built. Proceeding now by carriage, the party drove through villages buzzing with industry: brick-laying, road building—everywhere activity, pulsing life, busy crowds! They could not guess that these same towns were dead and derelict; that Potemkin had snatched no fewer than twenty communities bodily from their homes to populate temporarily his provinces.

Every kind of entertainment was provided. At one stop an artificial volcano spouted flame into the air at night;

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at Sevastopol a band of one hundred and eighty musicians played at the reception dinner. Before the windows Catherine's gaze travelled over massed regiments, down to the bay, where lay the new Black Sea fleet, built in two years. A roar of cannon broke from the decks with shouts of "Long live the Empress!"

The Triumphant Climax.

Later followed the triumphant climax of the whole journey: at Poltava two armies met in a mock combat, representing the famous victory which Peter the Great had won on the same ground.

It was effective stagecraft, and Catherine's happiness for the moment was complete. She owed it all to Potemkin. Had she discovered the hidden flaws in his methods, it might have damped her

enthusiasm. Had she known that the warships were constructed of the poorest materials, that the cannon were without ammunition, that the fortress of Kherson was built of sand, and, far from withstanding cannon shot, was to be destroyed by the first thunderstorm, then she might have regarded this Crimean journey in a sober and pessimistic light.

It had cost seven million roubles and an enormous expenditure of human energy, and it had achieved nothing, save the further aggrandisement of Potemkin in Catherine's eyes. That, at any rate, had been successful.

The Crimean journey and the elaborate invention of a happy, prosperous country were no more than a highly original, expensive tribute paid by one of the greatest lovers in history to his Empress.

Horseplay

Aberdeen, Washington: Having shot an elk, Harry Long hiked several miles to camp and got a horse on which to carry the meat. While he was carving up his kill, preparatory to loading it, another hunter—this one slightly near-sighted—crept and shot the horse.

Automatic Postman

The "mailomat," a sort of automatic letter-box, has appeared in New York.

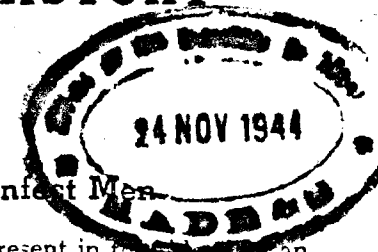
To post a letter the user drops coins into a slot, twists a dial to select the postage value, and puts the letter in.

The machine stamps and postmarks the letter.

DISEASE HAS CHANGED HISTORY

By Geoffrey H. Bourne.

Rats Infect Men



Ever since man has lived upon this earth he has been beset by diseases of one sort or another. Even ancient fossil bones unearthed from time to time have shown signs of disease. Sickness in man may be due to many causes—to his body taking, so to speak, a wrong turning, to deficiencies in his diet, or to infection by various external agents—bacteria and fungi or moulds (which we can see down a microscope), viruses (which are too small to be seen except with very special techniques and apparatuses), and small single-celled animals called "protozoa."

Larger forms of animal life, such as certain small worms, can also cause disease. Other sicknesses are caused by irritant substances met with in various types of industrial work. Such a profound influence has been exerted on the course of events in the world by infectious diseases than an account of them should prove of considerable interest.

The Black Death with ravaged Europe in the fourteenth century was a major disaster of history. Something like twenty-five million people, or one quarter of the whole population of Europe, was killed in the first attack in 1348. It broke up the spiritual and moral life of the people and caused political chaos for many years. This Black Death appears to have been mainly bubonic plague—a disease which is carried by the rat flea. The germ, or bacillus, which causes it is a small rod with rounded ends measuring only one fifty-thousandth of an inch in length.

The germs are present in the blood of an infected rat, and when the rat is bitten by the fleas which infest it, some of the germs are sucked up with the blood and travel from the flea's stomach to the glands which produce its saliva. Then, if the flea should subsequently bite a man, it automatically transfers the germs into his blood. The result is an attack of bubonic plague, usually fatal. This disease has probably existed in the East for thousands of years, for rats have been known there from the earliest times. Before about the year A.D. 400, rats were not known in Europe, however; but from that time to about A.D. 1100, these animals began to arrive in ever-increasing numbers. It is probable that they came later in swarms, since the legend of the Pied Piper of Hamelin dates from between 1200 and 1300.

Rats have now spread all over the old and the new worlds; the number in the world must now be immense, and the damage they do enormous. It is only ceaseless vigil and a certain curious fact inherent in diseases, which will soon prove obvious, that keeps bubonic plague at bay today.

The rat invasion of Europe brought in a disease which had not existed before in that part of the world. In other words, the disease descended upon a highly susceptible population. It is a curious fact that, when a disease appears among a population where it has never occurred before, it takes on a much more serious character, and spreads

widely and rapidly as an epidemic. The introduction by the white man of tuberculosis into native populations was disastrous to the natives for this reason. Another example is that of the King of Fiji and his son, who visited Sydney, Australia, in 1875. There the son contracted measles and carried it back to Fiji. As a result, an epidemic of measles spread through the country and out of a population of 1500,000 people, 40,000 died.

The Black Death came in four important waves, in 1348, in 1361, 1371 and 1382, and the attacks became progressively less severe. It then practically disappeared until the Great Plague of 1663 to 1664, during the course of which it reached London in 1664. From London it spread to other parts of England.

Medieval Europe was ravaged by diseases of many sorts, and the Black Death, with its misery, death and terror, induced among the survivors a sort of nervous condition which expressed itself in the form of wild hysterical dancing. Here is what Hans Zinsser, late expert in disease in ancient times, has to say about this. "...one cannot overlook a curious chapter of human affliction, namely that dealing with the dancing manias spoken of in mediaeval accounts variously as 'St. John's dance,' 'St. Vitus's dance' and 'Tarantism.'"

Dancing Manias

For the most part, the dancing manias present none of the characteristics which we associate with epidemic infectious diseases of the nervous system. They seem, rather, like mass-hysteria, brought on by terror and despair, in populations oppressed, famished and wretched to a degree almost unimaginable today.

To the miseries of constant war, political and social disintegration, there was added the dreadful affliction of inescapable, mysterious and deadly disease. Mankind stood helpless as though trapped in a world of terror and peril against which there was no defence. God and the Devil were living conceptions to the men of those days, who cowered under afflictions which they believed imposed by supernatural forces. For those who broke under the strain there was no road of escape except to the inward refuge of mental derangement which, under the circumstances of the times, took the direction of religious fanaticism. In the earlier days of the Black Death mass-aberration became apparent in the sect of the flagellants, who joined in brotherhoods and wandered by thousands from city to city.

Origin Of "Tarantella"

Later, for a time, it took the form of the persecution of the Jews, who were held guilty of the spread of the disease. For a time the opinion was widely held that the dancing manias were due to the bite of a large spider or "tarantula," hence the name "tarantism." This name has survived to the present day in the form of "tarantala"—the name of a high stepping Neapolitan dance.

Bubonic plague was by no means the only disease that afflicted Britain and Europe in medieval times. One alarming visitation was that of the "English Sweating Sickness" which waxed and waned a number of times between 1435 and 1552. Henry VII of England gained the throne after, and as a result of, the Battle of Bosworth. His victorious army began to march to London and, on the way, it was attacked by this disease which broke it up in confusion. The disease appeared suddenly in the form of a terrific sweating which began either in the early morning or in the evening and was accompanied by violent trembling. There fol-

lowed high fever, vomiting, headache. Death swift, sometimes only a few hours after the onset of the disease.

Henry VII's army was disbanded and carried the disease to all parts of the country. It was virulent in London and disposed of among others, two Lord Mayors and six aldermen in a very short space of time. At Oxford the University was closed for six weeks, and dons and students fled from the city. The disease disappeared after 1485, and no more is heard of it until the year 1507. Again it disappeared, to recur in 1518, and again in 1529.

The curious thing about the disease is that its nature is completely unknown. There

is no infection of the present day which resembles it entirely, and there is no subsequent record in history of a similar disease. Most of the other historical diseases we can identify, almost with certainty, but the cause and nature of the English Sweating Sickness remains a mystery.

One disease which has decimated Europe from the earliest times is typhus fever. Typhus is caused by a minute organism, too small to be seen by the ordinary microscope, and is carried by the louse. Typhus has been known under various names such as "jail fever," "soldier's fever," and so on. It has smashed armies, wiped out villages and towns.

(To be continued in next issue.)

PENICILLIN - A WONDER DRUG

By Dr. C. M. Fletcher.

—:(0):—

One of the most important advances ever made in medical science has been the discovery during the past 10 years of the group of drugs known as the sulphonamides. These substances have the power of preventing the multiplication within the body of the microbes that cause many serious diseases. The lives that are being saved every day throughout the world by use of these drugs must be numbered in many thousands. But these drugs have one great disadvantage. Although they are far more poisonous to microbes than they are to man, they can produce unpleasant and even dangerous results if given to a patient in large doses.

During the past three years scientists have brought into use a drug far more powerful than the sulphonamides, but which is quite harmless to man. The discovery of this substance was due to the keen observation of a British bacteriologist, Professor Fleming, in 1929. He was cultivating in his laboratory the microbe that causes boils. To do this, he had placed the microbe on the surface of a jelly in a shallow dish. He had meant it to grow alone, but, as any housewife who has made jam knows, it is not easy to prevent a mould from growing where it is not wanted, and on Professor Fleming's jelly a mould grew.

Mould was free from microbe

His experiment was spoilt and he might have thrown the jelly away, but he noticed an important thing. The microbe had grown all over the jelly except where the mould was. The mould had apparently prevently prevented the microbe from growing. He took a sample of the mould and set it to grow on the surface of some broth and then examined the broth after a few days. He found it had acquired from the mould the property of preventing the growth of microbes.

Fleming supposed that the mould had secreted into the broth some substance which could stop the growth of microbes, and since the mould was found to be a common one called *Penicillium Notatum*, he called this substance penicillin. He realised that penicillin might be used to treat infections in man, but his attempts to extract pure penicillin from the broth failed, and his crude extract proved poisonous to animals when injected into them.

No further progress was made until 1940, when a team of scientists at Oxford, headed by Professor Florey, again attacked the problem of extracting the penicillin from the broth. It proved to be very difficult to do so, but eventually a much purer specimen of penicillin was isolated. It was a yellow powder, easily soluble in water. Tested against disease microbes growing in artificial

culture, it was found to be at least a thousand times more powerful in preventing their growth than the most powerful of the sulphonamide drugs, and when it was injected into mice that had received a fatal dose of microbes, it cured the infection rapidly, without harming the mice.

Intruder Microbes.

The next step was to try it out in infection in man. For this, much larger quantities of penicillin were needed, and here another problem was encountered. Although the mould was easy to grow on a large scale, it sometimes refused to produce any penicillin. This failure was found to be partly due to the fact that the large culture bottles which were employed became contaminated by other moulds and microbes, some of which destroyed the penicillin as soon as it was formed. Eventually, means of excluding all such intruders were devised, and at last enough penicillin to treat a patient was produced.

The earliest trials on man were made in 1941. Five cases of serious infections, in which sulphonamides had been given without effect, were treated by the injection of penicillin continuously into the patients' veins by day and night. The first two did not receive adequate amounts, and were only temporarily benefited. The other three were all cured.

PATULIN MAY CURE AGE-OLD SCOURGE

Well-known write on popular scientific subjects.

By V. E. Collings.

—: (0):—

Ten years ago a great man passed from the English scene. He was Sir Henry Royce, founder of the famous Rolls-Royce motor company, and with his death Britain was the poorer by an engineering genius and researcher.

But besides a great engineering tradition Royce left his country ten thousand pounds to be devoted to research into the causes and possible cure of the common cold.

Dogged by ill-health throughout his life Royce was appalled by the ignorance surrounding some of the commoner ills of mankind. Medical science, he considered, should give more time to fighting influenza and colds that cost the nation such a heavy price in sickness, unemployment and the loss of thousands of man-hours per week.

Thanks to his generosity and the help of other institutions and university and hospital laboratories, more research has been possible, and, to-day, Britain's scientists have reported a signal achievement which if it passes the widespread tests being carried out, will mean better health throughout the entire world.

Experimented on Himself.

Colds often lead to pneumonia and bronchitis; they also weaken the system and render the body less able to withstand any other infections it may encounter. For these reasons a 100% effective cold cure would be a boon to the whole world.

In 1942 53-year-old Professor Harold Raistrick and a group of workers at the London School of Hygiene and Tropical Medicine discovered Patulin, a white crystalline substance developed from scientifically cultured moulds. To the Imperial Cancer Research Fund Laboratories' Director, Professor William Ewart Gye, F.R.S., goes credit for being the first human "guinea-pig" to experiment with it on himself.

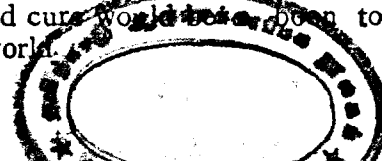
It was Professor Gye's now famous cold that first brought Patulin into the limelight.

He had been indoors for two days with streaming eyes, sneezing, coughing and sniffing, when a parcel reached him containing a sample of Patulin, a mould of the Penicillin series.

This Patulin was for certain cancer tests on which the professor was then engaged, but knowing that it had anti-bacterial qualities similar to those of the recently discovered Penicillin, he decided to try it for his own cold.

Results exceeded his expectations and the cold-ridden scientist slept undisturbed for the first time for three nights. Next morning he was cured and back at work.

Eager to spread the good news Gye persuaded some of his friends to give Patulin a trial and with the doctors who tested it results were as successful as in his own case.



Systematic Nasal Douching

One who used Patulin on the fifth day of a bad cold reported an almost miraculous cure. Only one doctor showed no improvement, but the non-medical "guinea-pigs" were disappointed, partly, it was believed because they could not be bothered to carry on systematically with the necessary nasal douching.

Patulin is administered through the nose by means of a spray, the quantity being a crystal half the size of a pinhead dissolved in a teaspoonful of water.

At the first opportunity a cold was treated from its onset and an account later appeared in the *Lancet*. At 11 a.m., soon after first signs were felt, the nose was douched and the nasal passages cleared immediately. When fresh signs showed up at 5 p.m., another douche was effective, and when further signs returned at 10 p.m., renewed treatment ensured a peaceful night.

Three douches on the second day brought immediate relief but it was not, however, till the afternoon of the third day that the cold was finally routed.

Commented Professor Gye on this test: "As only relief and no cure took place in the early stages, this early period of a cold may be the period of virus infection, and if so, it may be stated from this closely observed case that Patulin has no effect on the virus." He added, "the secondary stage of the infection was completely prevented, and since it is also an almost invariable rule that the discharging process continues for at least a week, Patulin proved to be of great value."

As yet the action of Patulin is uncertain. It is likely, experts believe, that it attacks bacteria, including the virus of the common cold, and may also affect the nose lining which would explain its rapid action in some cases.

After these tests the scientific investigation was taken a step further, on a larger scale. Accordingly, a series of controlled experiments were carried out on naval personnel at Chatham, under expert medical supervision.

Tests And Experiments Continue

Three trials arranged over a period of four months gave good results, and a strong balance of evidence favoured the treated as against the control groups.

But against these tests must be set the results of a series carried out in the Army on batches of soldiers. The three doctors who made them stated that "Patulin had no demonstrable effect." One hundred men were treated, half with Patulin and half with phosphate buffer saline. The same rate of improvement was reported in both groups.

In a cautionary editorial comment on Patulin tests the *Lancet* warned "that it would be a thousand pities for the British public to have a cold remedy dangled before its streaming eyes before there is reasonable certainty of its efficacy."

Meanwhile, Britain's researches are delving deeper into the mysteries of Patulin and its anti-bacterial properties and the Medical Research Council has undertaken to organise field tests on a large scale.

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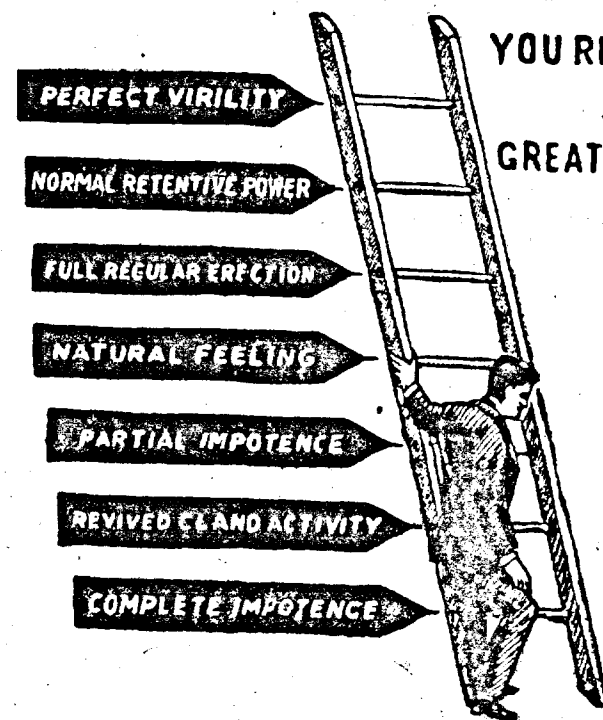
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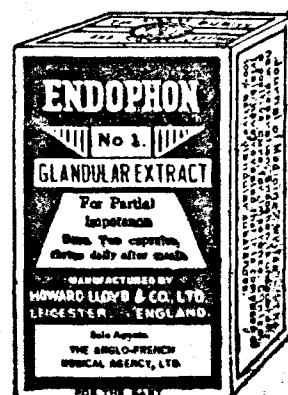
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you that it has cured me completely....."

Mr. (Calcutta) "....When I first started taking Endophon No 2, it did not do me any good. I had taken
it for two weeks and was disheartened. I thought of the old adage: 'A fool is born every minute' but my friend
who recommended Endophon to me said that Rome was not built in a day, and I decided to complete the course.

I am now happy to tell you that it has cured me thoroughly. I am a wise man, indeed, to have taken
your genuine remedy, Endophon....."

Endophon is not similar to Dr. M. Stopes
Prescriptions for Impotence, but entirely
different, and now recognised by

- (1). *Gazette Medical of France.*
- (2). *Institute of Scientific Research and
Development. (Berlin).*
- (3). *Journal of Medicine. Paris.*

as the most efficacious remedy for the cure of
Impotence, of functional origin. Moreover, it is
now manufactured in **CAPSULE FORM**—the
best method to preserve full curative efficacy.

CAUTION.

Because of the success
of **Endophon**, many imita-
tions are now being adver-
tised, under various trade
names.

Avoid them all. **Endo-
phon** has stood the test of
time, and is guaranteed to
cure permanently.

Endophon is warranted
free from all substances
against the Hindu or Muslim
religion.

Now manufactured by **Howard Lloyd & Co; Ltd. Leicester, England**, by special
methods, and correctly balanced, **Endophon** is of inestimable value in Sexual
Weakness. Only 100 % fresh Gland Extracts are used, which directly after
manufacture, are sealed in tasteless gelatine capsules.

These capsules are the only effective means for preserving the efficacy of the
Gland Extracts. There is no deterioration.

Latest Testimonial.

Mr. (writes). ".....I
have read about **Endophon** and
would like to give it a trial.
Please, therefore, send me six
bottles of **Endophon No. 1**. If it
does me good, I shall complete
the course. I've had this trouble
for five years for being such a
fool when I was young, which I
bitterly regret....."

Later.....

".....**Endophon** has made me
a new man, I feel twenty years
younger....."

We have such faith in the Curative Efficacy of **Endo-
phon**, that we guarantee it to cure you permanently.

A complete course of **Endophon No. 1**. for Partial
Impotence (Premature Ejaculation) is four months and **Endo-
phon No. 2** for Partial Impotence (Feeble Erection) is four
months, each comprising 20 bottles, and the cost of each
course, if ordered in one lot is Rs. 150/- only. A reduction of
Rs. 10/- is obtained.

A complete course of **Endophon No. 2**. (for complete
Impotence and Sterility) is six months, comprising 30 bottles,
and the cost is Rs. 225/- only.

The complete course of **Endophon No. 3** and **No. 4**
for Female Impotence is four and six months, costing
Rs. 150/- and Rs. 225/- respectively.

Order to-day a complete course and obtain a permanent cure.

—NOT WORTHLESS 'QUACKS'

CAMILLE

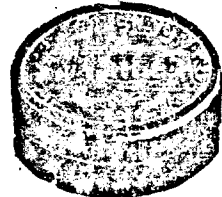
PREVENTATIVES.

[Snow White]

[Snow White]

Beautifully Soft and Skin-Like—Unnoticed in use.

Preventatives
DeLuxe:



As Thin as Tissue
Yet Strong as Silk

"CAMILLE" Silk Finish Preventatives are of the highest standard of quality. They are famous for their wonderful skin-like texture, extraordinary strength, and fine elasticity. They are practically transparent, and so marvellously thin that they are **not felt** when used.

"Camille" is made by an exclusive process and reaches a degree of fineness hitherto unattainable. They cling like softest silk and are absolutely flawless.

We guarantee, once "Camille" are used, no other kind will be wanted, for no other make could give that complete satisfaction found in "Camille" (with teat-end or plain).

Finer Than Gossamer—Softer Than Thistle-down

Prices:—1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.

Tele. Code. 1 doz. "Exel". ½ doz. "Excelled"

TESTIMONIALS.

Mr. ——— (writes:—"Camille" Preventatives are marvellous. I did not know I had one on.....")

Mr. ——— (writes:—"I like Camille immensely. It is so soft and thin,.....")

Thinnest
Quality

AMERICAN TIPS.

Skin-Like
Texture

The American Tip has been specially made to suit the requirements of those who desire natural union, with full protection. It is quite different to the ordinary preventative, as it covers only the G. P. (tip of the private)

These American Tips are much superior to any other kind, as being *very thin and smaller in size*, they fit the G. P. like a Glove, and make sexual relationship perfectly natural.



Four Points Worth Your Consideration.

- (1) They are WASHABLE and can be used again and again.
- (2) They will not split in use nor slip off during the withdrawal.
- (3) They do not perish quickly, and can be kept for months.
- (4) Fits with comfort and security, as they are made to normal size.

A Sure Method of Birth Control.

PRICES:—1 doz Rs. 20.

½ doz Rs. 11. ¼ doz Rs. 6.

Tele. Code 1 doz. "Tip" ½ doz Tipper

FRENCH TICKLERS

Superior Quality-Satin Finish-New Design.

These Preventatives are greatly appreciated for the 'feeling' they give during use, caused by the rubber 'feelers' or 'ticklers' attached at the closed end. They induce passion in Frigidity and effect a proper adjustment in unequal sex relations. Warranted not hurtful.

Prices:—1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.

UNIQUE PASSIONETTE MUTUAL DESIGN Preventatives EFFECT

These Preventatives have small, round disc-like protusions near the closed end, and should be used after the application of vaseline over the closed end. Recommended to remove frigidity and for mutual satisfaction. Promotes a proper adjustment.

Prices:—1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.

WHIRLING SPRAYS.



(British Make)

An excellent vaginal flushing-out apparatus for Ladies with forward and reverse current. Simple to use. Guaranteed to last for two years.

Price Rs. 12-8 Each.

The "CROCODILE" (WASHABLE) Preventatives.

These Preventatives are made with slight corrugated protusions and ridges, resembling crocodile skin, which give that unique effect during use, for which they are famous. We supply the best quality, extra-stout, and strong, and highly elastic. They are Washable, and can be used for months. Recommended to remove frigidity and for mutual satisfaction.

Prices:—1 doz. Rs. 25. ½ doz. Rs. 13.

¼ doz. Rs. 7. Sample Rs. 3.

We believe that a Satisfied Customer is the best Advertisement.

Most Natural in Use
Non-Ripping Quality
Warranted Reliable.

TRANSPARENT
VESTA SKINS
SKIN COLOUR.

(Washable.)

"PRO-RACE"
Rubber Pessary
Size 1, 2 & 3.
Price Rs. 8. each.
Three Rs. 23.

These Preventatives are just like human skin in appearance and texture. They are consequently, most natural in use, and give that 'feel' that is so much desired. They are made of the purest para rubber solution by a special new process and are Seamless and Silk-finished throughout. (Teat end or plain.)
Price:—1 doz. Rs. 20. ½ doz. Rs. 11. ¼ doz. Rs. 6. Tele. Code. 1 doz. "Vest" ½ doz. "Vestal"

Soft Texture

The New Silk "NINON"

Pure White

THE NEW LIQUID LATEX PREVENTATIVES.

Highest Quality

5 Times as Strong as Ordinary Rubber

Liquid Latex of which "NINON" Preventatives are made, represent a great improvement upon ordinary, seamless goods as no chemicals are used in its manufacture and the natural strength and resiliency is left unimpaired. Being very light and exceptionally strong, they are a boon to persons suffering from nervous disorders, as sexual relationship is rendered quite natural.

Preserves the Vital Forces.

Prices: 1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.
Tele. Code: 1 doz. "Fine" ½ doz. "Finest"

PREMIER
QUALITY

"ENDURANCE" (Washable) SHEATH.

To use the "Endurance" Sheath is to use the finest Sheath, for it gives absolute satisfaction on all points being made from pure para rubber by a special process which gives it that extraordinary elasticity, and quality for which it is noted.

The "Endurance" Sheath **will not burst in use**, like other cheap makes. It is four times thicker than an ordinary preventative, and is guaranteed to last for one year. The best Sheath obtainable.

Price: 1 sheath Rs. 7-8. Three Rs. 21. Three sizes. Small, Medium & Large.

The "FRIVOLA" Preventative.

Resembles a Glove at the closed end. Very Unique. Absolutely different to all others.

Recommended for frigidity and for effecting a proper adjustment in unequal sex relations. Satisfaction guaranteed.

1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.

For
Ladies /

"YVONNE"

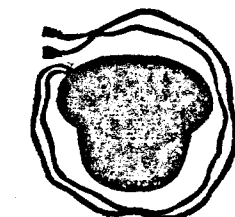
For
Ladies /

RUBBER PESSARY.

THE SAFEST METHOD OF BIRTH CONTROL.

This is the latest and most improved Pessary.

Its unique design gives full comfort and eliminates all risk of leakage.



The best Rubber pessary manufactured.

Made of fine soft para rubber. Three sizes 1, 2, 3. Air or Solid rim.

Prevention is made

certain if used with Renard's Soluble Pessaries. Price Rs. 6 only. Three Rs. 17.

Special Quality Preventatives for TROOPS.

Heat-resisting. Superior quality. British make. Two qualities:—Price Rs. 42/- and Rs. 54/- per gross. 5% discount allowed on orders for five gross and over. Expert English packing and supervision. Minimum order 1 gross.

Note. We are suppliers to many British regiments in India.

Excellent Goods—Best Service—and I ritish Fair Play is always obtained by dealing with us.

SAMPLE PACKET No. 1.

10 CONTAINING DIFFERENT TYPES OF PREVENTATIVES FOR 10

Rs. 15/- Only.

AS FOLLOWS:—

1 Camille	1 Vesta Skin
1 Neverrip	1 Thais
1 American Tip (Washable)	1 Crocodile
1 French Tickler	1 Passionette
1 Ninon	1 Frivola

FREE:—1 Packet Preservative Powder.

SAMPLE PACKET No. 2.

CONTAINING FOUR SUPERFINE PREVENTATIVES AS FOLLOWS:—

1 Passionette	1 French Tickler
1 Crocodile	1 Frivola

RS. 7-8 PER PACKET

Packed in Cellophane to Ensure Freshness on Receipt

SAMPLE PACKET No. 3.

CONTAINING FIVE SUPERFINE PREVENTATIVES AS FOLLOWS:—

1 Camille	1 Neverrip
1 Ninon	1 American Tip (Washable)
1 Vesta Skin	

RS. 7-8 PER PACKET

A Packet of Preservative Powder is supplied free with each packet.

GIVES EXCESSIVE POWER FULL ACTION LASTS FOR ONE HOUR

INCREASES ERECTION
PROLONGA

PROLONGS UNION
EFFECTS
DOUBLY PRESERVED
UNTIL CLIMAX.
A GENUINE
PRODUCT

Special. 1 bot. Rs. 12-8. Tele Code "Pro"
Super special. 1 bot. Rs. 17-8. Do. "Prolong"

This wonderful remedy prolongs the period considerably.

A dose is sufficient to increase feeble erection to full and complete powerful erection, after satisfaction is obtained a second erection is easily procured in a few minutes.

CALOMEL OINTMENT.

For prevention of venereal disease. Recommended for use with rubber preventatives.
1 bot. Rs. 3-8. 3 bots. Rs. 9.

LA PAREE OIL.

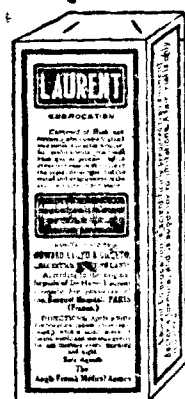
A Powerful Aphrodisiac.

Can be used safely as a temporary measure.

Applied on the 'part', it immediately produces strong 'feeling' and desire. It gives intense power to the 'part'. Warranted harmless. Made to a special formula.
Price per bottle of 4 ozs. Rs. 17-8-0 only.

LAURENT EMBROCATION.

Develops and Strengthens Under-sized, weak or strained 'Parts'



This remedy should be used when that 'part' has become weak, strained or is undeveloped. It tones the cells and nerves, and increases the size, removing strain and causes development of the testes and also enlargement of the erectile tissue, if necessary.

Laurent Embrocation owes its remarkable efficacy to its original formula. It contains special 'absorbable' gland secretions and other wonder-

ful medicaments, especially good for under-sized, shrunken or weak 'parts'. Three to six months use is guaranteed to produce full results in every case. Avoid worthless imitations!

Manufactured by Howard Lloyd & Co; Ltd. Leicester, England, according to the original formula of Dr. Henri Laurent, formerly first physician of the Fouquet Hospital. Paris. (France).
1bot. (4 oz) Rs. 4-8. 3 bots. Rs. 12. 6 bots. Rs. 22

TASTELESS ENDURET TABLETS

For women only

A Genuine Product

These tablets can be safely taken in tea, coffee or wine etc, without the fear of detection as it is absolutely tasteless.

The action of a dose is sufficient to remove Coldness, Frigidity, etc., as it increases response immensely.

Furthermore these tablets can be taken by the most delicate person, as they are not harmful and do not cause bad after effects.

SPECIAL (Double Strength) 1 bot. Rs. 12-8 Tele Code "End"
EXTRA SPECIAL (Treble Strength) 1 bot. Rs. 17-8 Tele Code "Endur"

The Wife's Friend "RENNARD'S" Double Strength
Chinosol Soluble Pessaries.
An Excellent method of Birth Control.
Price per box (12 Pessaries) Rs. 3-8. 3 boxes. Rs. 10.

Testimonial.

Mr. ——— writes:—"Your Laurent Embrocation is very good. The 'part' is now normal in size. I used only eight bottles."

De Vecin Capsules.

A Powerful, Safe Aphrodisiac
Acts in a few hours.

Those who require a safe Aphrodisiac, as a temporary measure, will find these Capsules highly satisfactory. They act in a few hours, and create desire and full ability. Can be taken by either sex.

(Strong). Rs. 10-0 per bottle.
(Extra Strong). Rs. 12-8 per bottle.

This is thrice as strong as the ordinary strength and is recommended for use where immediate effect is desired.

OBRACON-Aphrodisiac Tablets. (Special Strength).

These tablets are very powerful, and have an almost instantaneous effect. They enable a completely impotent man to have satisfactory union. Warranted perfectly safe as a temporary measure.

A British Product.

Made by Robert Ferber, Ltd. (London).
Sold in phials. Rs. 15-0 a phial.

OUR CONSTANT AIM IS YOUR COMPLETE SATISFACTION.

"THE CHOICE OF THE EXPERT"

GALAXIN

THE GENUINE BLOOD CLEANSER

BEFORE TREATMENT



PIMPLES



FRECKLES
COPPER PATCHES



ECZEMA



SORES

POWERFUL

Have you Pimples? Sores? Ulcers?

Let GALAXIN rid you of them for ever! It will do this for you, no matter how chronic your case. Its powerful, searching action CANNOT be resisted.

GALAXIN is not a mere Blood Cleanser, but a scientific combination of Tonic Properties. (which your body must have to be perfectly healthy) in conjunction with powerful germ-killing medicaments, to clear away the waste matter that clogs your system, and poisons your blood, causing Pimples, Eczema, Sores, etc.,

Relieved of all waste matter, your system is soon restored to a healthy condition; Clean fresh blood courses through your veins; and Pimples Sores; etc; disappear, giving place to a fresh clear complexion and the radiant glow of perfect health.

Try three bottles to-day. You'll be astonished at the results. Remember, it's a genuine remedy.

The Ultra-Penetrating Cleansing Properties of GALAXIN are especially good for those symptoms of "Hereditary Impurities" in the blood.

Galaxin
BLOOD CLEANSER

PENETRATING PERSISTENT

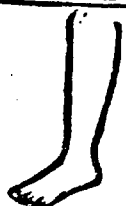
AFTER TREATMENT



ALL REMOVED



CLEAR, HEALTHY
SKIN



CURED



BANISHED

GUARANTEED TO CURE:—Pimples, Freckles, Copper Patches, Blotches, Sores, Boils, Ulcers, Itch, Psoriasis, Eczema, Leprosy, Herpes Progenitalis, Glandular Swellings, Ulcerated throat, nose or ears, Syphilitic Eruptions, Acne, Abscesses, Rashes, Scrofulous Affections, Elephantiasis, Gout, and all diseases, due to an impure state of the blood.
Prices: 1 bot. Rs. 5-8. 3 bots. Rs. 15. 6 bots. Rs. 28.

DEAL WITH A FIRM OF REPUTATION and get value for every rupee spent

THE CHOICE OF THE EXPERT

Root out Syphilis Permanently with the Infallible Oral Remedy—NEO SADALAN!



No by-effects.

Cures thoroughly
and permanently.

Neo Sadalan is a genuine specific for all forms of Syphilis and other chronic blood diseases, such as Lepra, etc.

The active principles of Neo Sadalan are absorbed into the blood stream in small proportions and gradually destroys the spirochaete (Syphilis virus in the blood).

Neo Sadalan is very powerful and penetrates the minutest capillaries in the blood, eradicating every trace of the disease.

Neo Sadalan is the new oral preparation for Syphilis and other chronic blood diseases. Clinical tests have established its therapeutic efficacy.



The Most Energetic Treatment for Syphilis and other chronic blood diseases.

Powerful—Penetrating—Permanent

Prices:—1 bot. Rs. 8-12-0. 3 bots. Rs. 25. 6 bots. Rs. 48.

Tel. Code. 3 bots. "Sadan" 6 bots. "Sadaf"

Neo Sadalan is scientifically and scrupulously prepared to the new and improved formula of Dr. Pierre De Sadalan, of Paris, the eminent French Scientist.

It is the result of many years of careful research and experiment and contains the essential elements that is a killer to the spirochaete (Syphilis virus) in the blood.

In all cases of Syphilis, including hereditary Syphilis in children, Wassermann's test turns negative after treatment with Neo Sadalan.

NEO SADALAN No. 2.

A very effective remedy for all cases of Leprosy, made to Dr. Pierre De Sadalan's formula. It contains the vital ingredients scientifically proved to be deadly to the Leprosy germ in the blood. In Capsule form.

Prices:—1 bot. Rs. 8-12-0. 3 bots. Rs. 25-0-0.
6 bots. Rs. 48-0-0.

Tel. Code. 3 bots. 'Sadex' 6 bots. 'Sadol'

Extracts from a few of the large number of commendatory letters received from the Medical Profession

Dr. Alphonse Des Ames. (Paris) "....I endorse Neo Sadalan as the finest preparation for all forms of Syphilis...."

Dr. Bertrand De Canoples. (Grenoble) "....No other remedy has been so effective as Neo Sadalan....."

Dr. Andre Trefouel. (Nice) ".....In my opinion oral treatment with Neo Sadalan is much better than injections. I have successfully treated many Syphilis cases with it....."

Dr. Rene Peyral. (Paris) "....Neo Sadalan is composed of the essential therapeutic agents and I endorse it as a most efficacious preparation for all syphilitic affections....."

EVERYTHING THAT CONTRIBUTES TO CURATIVE POWER
is embodied in these Scientific Remedies.

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