



THESE SCIENTIFIC REMEDIES ARE HIGHEST IN PURITY AND CURATIVE EFFICACY

MEDICAL SCIENCE

A MONTHLY JOURNAL ON MEDICAL MATTERS

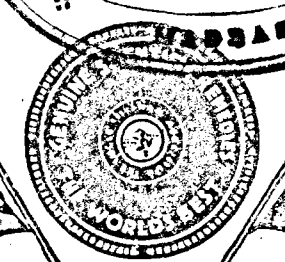
VOL XII

No. 4.

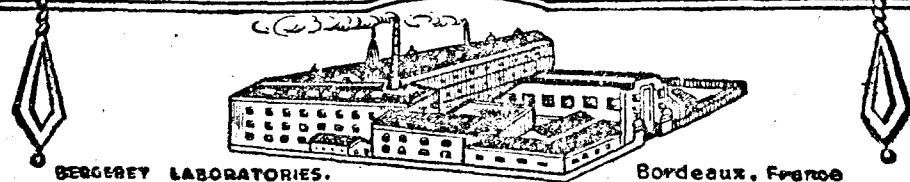
Subscription
1 year
Rs. 2-0-0
2 year
Rs. 1-0-0

PART OF CONTENTS		Page No.
Tasmania's Precious Mineral	...	1
Pasteur—Discoverer of Treatment for Rabies	...	4
Glandular Therapy.	...	10
The Scourge of Syphilis and Gonorrhoea	...	11
Benefactors of Mankind	...	12
Fleming—Discoverer of Penicillin	...	14

Published at Madras. Sept. 1943.

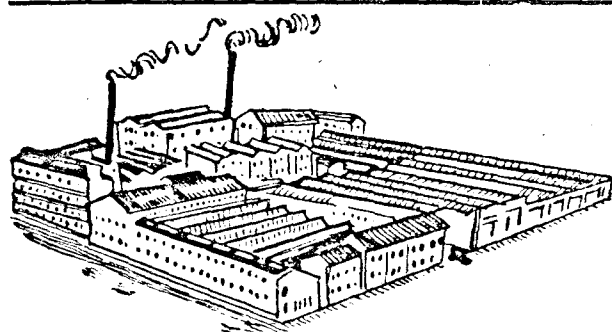


These Genuine Remedies are manufactured by famous firms in England and France and have won a great reputation for curative efficacy



SERGET LABORATORIES.

Bordeaux, France



Head Office: **BERGERET LABORATORIES**
BORDEAUX. FRANCE.

Branch: **BERGERET LABORATORIES**
LONDON. ENGLAND.

Most of them are in common use in Government Hospitals in France, and Belgium and besides, are widely used by Doctors in the treatment of private cases.

We Guarantee to Cure You or Refund Your Money.

Such is the confidence we have in these remedies. Since introducing them into India, we have received hundreds of testimonials from cured patients and from the Medical Profession, convincing proof of their marvellous curative efficacy. This has decided us to guarantee them to increase sales.

If the medicines taken do not effect a cure, the empty bottles and cartons should be returned for identification, on receipt of which the money paid will be immediately refunded.

**THIS IS NO EMPTY GUARANTEE—BUT A BONAFIDE ONE
IF A CURE IS NOT EFFECTED—WE KEEP TO IT.**

FOREWORD

The medicines listed herein are not worthless 'Quacks' that only give mere temporary relief, but Genuine Scientific Remedies, the result of many years of Scientific Research and Experiment, and are the best that Medical Science have produced.

TERMS.

FORWARDING. All orders are executed same day by V. P. Post, unless instructed to the contrary.

CHEQUES are accepted on all recognised banks, which should be crossed, and, made payable to Bergeret Laboratories (India) Ltd.

Special European attention is paid to all orders, no matter how small. Prompt despatch and satisfaction is always assured.

POSTAGE, PACKING & COMPANY'S PRIVATE INSURANCE is charged for all goods, which if broken or damaged are replaced free.

FREE MEDICAL ADVICE.



If you are suffering from any ailment, write to our Medical Adviser, with full particulars of your case, also state age, physical condition, and how long-standing.

SOME OF THE TRIBUTES RECEIVED

WORTH WEIGHT IN GOLD

Mrs. — (Calcutta) writes:—
"...Rebail Mixture was a great success. It is worth its weight in gold..."

MIRACLE

Mr. — (New Delhi) writes:—
"...I am very pleased with Rebail Mixture. It is a miracle—well worth the price..."

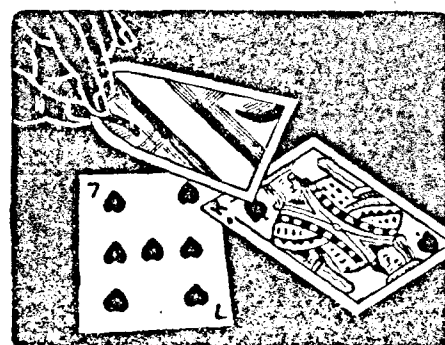
A GREAT HELP

Mrs. — (U.P.) writes:—
"...Rebail Female Mixture is everything it is claimed to be. It made me well in a few days. I think it is a great help..."

TIME LIMIT

The latest time that Rebail Mixture can be taken with success is two months over-due. If taken in time, it **CANNOT FAIL**. After this time, the combined treatment should be taken for sure results. It comprises 1 bot. Rebail Female Mixture and 2 bots. Renocal Pills No. 2, taken in conjunction. It is infallible. Tels. Code. "Combined"

CHANCE PLAYS NO PART IN THE ACTION OF REBAIL FEMALE MIXTURE



Scientifically prepared to the formula of Dr. Etienne Rebail it assures quick relief always without injurious effects.

Let your choice be Rebail Mixture. It is **MORE** effective than others and will do the needful in a few days.

Rebail Mixture is **QUITE SAFE** to take. (For Suppressed 'Periods') Furthermore, it does not cause nausea or impair appetite.

There is nothing else to equal Rebail Mixture. Many imitations are now sold, but there are important differences.

AN EXCELLENT PRODUCT for SURE RESULTS

Price per Bottle.
Rs. 35.

Tel. Code
"ROYAL"

**IT
ALWAYS
SUCCEEDS**

READ THIS CAREFULLY
The treatment is fully guaranteed and if ineffective, the full cost will be refunded.

BERGERET LABORATORIES (India) Ltd. Post Box No 148, Broadway, Madras.
MANAGER: C. W. HEATH. (British)

MEDICAL SCIENCE

VOL. XII

SEPTEMBER 1948.

No. 4.

TASMANIA'S PRECIOUS MINERAL

By M. S. R. SHARLAND

—: (o):—

The richest mineral yet to come out of Tasmania's metalliferous south-west is osmiridium—the richest and hardest. Its value exceeds by far that of gold. It is quoted now at a little more than £28 an ounce, though at one stage it reached an all-time height of £42 10s, an ounce, with gold at £4 5s, an ounce. It is invaluable as a substance that will withstand heat and wear, its hardness being its chief asset; but hard and difficult also is it to win.

The rosy days of the gold booms, when, we are told, nuggets were to be gathered from the surface of the ground, and fortunes were made in a few days and as quickly lost, have not been repeated in the search for osmiridium. Certainly some of it was obtained easily from the alluvial sand when the discovery was first made, but most of it has had to be picked, dug and washed laboriously from a tenacious soil. Tasmania's chief mineral-bearing country occupies nearly two-thirds of the island, and includes practically the whole of the south-west, the west coast and the north-east. For a large part it is clothed with dense forests, and in the west and south-west the land is very mountainous, the gullies being filled with rain-forest trees while the ground is covered with great ferns and tangled scrub. In places there are few tracks, and the miner or wandering prospector is compelled to carry all his food and essential supplies on his back. There are no pack-horses. Frequently he is forced to slash his path through the vegetation. There are streams to be forded and hills

to be climbed, with dense scrub on the lower slopes and stark gleaming quartzite rock above; and even high on the ranges marshy bogs make his way one of great discomfort and labour.

This is the type of country which has yielded gold, silver, copper, tin and other precious metals, a country that personifies all that is inhospitable. Osmiridium was found in commercial quantities in 1925, in a remote district of the central-south. The little valley is hedged about by mountains, and through it run two rivers, one named Adam, the other Eve. A village of small rude, slab-hewn huts and tents where the miners and their families live sprawls untidily along the edge of the streams and the green darkness of the forest, the only settlement between the timber centres of the upper Derwent Valley and the trackless miles of mountain country to the shores of the distant west coast. The miners christened the village Adamsfield; and close by runs the Adam river, the waters of which have helped to unearth the field's richest treasures.

UNtil the discovery of osmiridium the district was an uninhabited region. Surveyors and prospectors, as well as game hunters, passed through it over the years and worked the country near by, but none recognized its treasure. But osmiridium was scarcely a treasure at that time. Indeed, miners on the Savage river, western Tasmania, where also it is found, regarded it as a nuisance since its high specific gravity caused it to clutter up their pans and sluices, making it

EASTERN HEAD OFFICE:—Post Box No. 148, BROADWAY, MADRAS.
Telegraphic Address:—"CURE"—MADRAS.

harder for them to separate the gold which they sought, and so they threw it away as useless rubbish. One old prospector told me that had he retained all the osmiridium which he had discarded along the Savage river workings he would now have been worth a fortune. However, comparatively little osmiridium has come from the Savage river, and outside of Russia, where the largest deposits apparently exist, Adamsfield is the most important source of supply.

OSMIRIDIUM is an alloy, composed essentially of two metals, osmium and iridium, in varying proportions. It belongs to the platinum group, and is generally described as a thin white substance, with a bright metallic lustre. It occurs usually as shot-like grains or flat scales, sometimes hexagonal in outline. Few nuggets of osmiridium are found. The largest from Tasmania, and claimed to be the largest in the world, weighs 4 oz. 6 dwt, 6 gr.

Whether in its native state or "split" into its components, osmiridium has many uses. In its pure state it is used extensively for forming the tips of gold fountain-pen nibs, and is also valuable for compass bearings and pivots. For pen nibs grains of the right size, shape, and physical characteristics are used, these being mounted on the tip of the nib with silver solder, then split by a rotating disc charged with diamond dust, and ground down to the desired shape. We can judge how microscopic is the size of the average grain when we realize that between 3,000 and 5,000 of them weigh only one ounce. Many of them are too small for use, and others break readily owing to their laminated structure. As a result of these drawbacks, not more

than from ten to twenty per cent of the mineral sold is fit to be used direct for pen tips.

The second important use of osmiridium is for the production of its component metals. Of these, iridium is probably the most widely used. Pure iridium is not often used alone, except for surgical needles and jewelers' drills, because it is difficult to work, but by mixing it with platinum one obtains a hard substance, which is acid-resisting and unchanged by exposure to air. It enables platinum to stand up to wear and abrasion, and therefore is employed extensively in the manufacture of jewelry, electrical points, surgical instruments, and the tools of the dentist.

Its other chief component, osmium, is the heaviest and most infusible of all known substances. But apart from an extensive use as a stain in the study of physiology and microscopy, there is little demand for it now. It was at one time in demand for the osmium incandescent lamp, which has, however, gone out of use owing to the introduction of thorium and tungsten.

Adamsfield attracted a constant stream of fortune-seekers soon after its discovery was announced, and saw something of the old-time "rushes" which marked almost every important discovery of gold. During the latter half of 1925 more than 1,000 miners' rights were issued, the record being more than a hundred in one day. The maximum population on the field was between 800 and 1,000, this when osmiridium was selling at £32 15s. an ounce. From the end of 1925 prices fell rapidly, due principally to an extraordinary quantity of Russian iridium being placed on the London market. This

absence of demand and the low price, combined with the fact that all available payable ground had been pegged, caused a rapid diminution of men on the field, until only a little more than a hundred were left. The war, however, has freshened the demand, and a number of miners have been attracted back to the field.

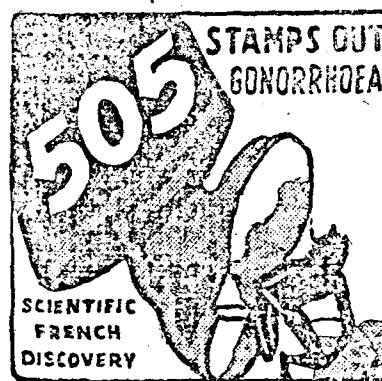
At present prices the earnings of some miners do not amount to ordinary rates of wages, and there is little incentive to develop the field and locate more profitable ground. Even at £28 5s. an ounce, the ruling price, the miner does not show much of a profit. His living expenses are considerable. Food is expensive, and transport to the field costly. Having formed themselves into an association, the miners are demanding better prices to balance the high living and working costs. They have suggested a fixed price of £40

an ounce, claiming that this would make production worthwhile under present conditions, entice new men to the field, and allow men occasionally to put in a day or two prospecting for better country.

Adamsfield still lies off the beaten track. It is served by neither road nor railway. From Fitzgerald there is a winding corded track, to be traversed by specially-built narrow horse-drawn jinkers. Most who go there must walk and carry their food and supplies. But the Derwent Valley railway in time may skirt the edge of the valley and help to bring the village into closer touch with centres of commerce. Provided post-war conditions cause no serious or permanent slump in osmiridium values, this valley will enjoy a period of rosy prosperity when linked more closely with the outside world.

REMEDIES OF PROVED RELIABILITY.

Eugene Sargisson's Corn Solvent. A positive Cure. Per vial Rs. 2-8-0 Shaw's Worm Lozenges Effective for dislodging round and thread worms from the intestines. 1 box Rs. 2-8-0. 3 boxes Rs. 7-0-0.	Pompadour Bust Massage. Two kinds, No. 1 for soft, hanging, under-sized or shrunken busts. No. 2 for reducing over-developed busts, Guaranteed. 1 bot. Rs. 5-8-0 3 bots. Rs. 15/- 6. bots. Rs. 28/-	Marjebad Anti-Obesity Tablets. Guaranteed to remove superfluous fat quickly and safely. Does not weaken the heart. Sold in tins containing 60 tablets. Per tin Rs. 3-8-0. 3 tins Rs. 10. Bayonne No. 1 and 2. for all Uterine disorders. Comprises Bayonne No. 1. (Elixer for internal use) and Bayonne No. 2. (Injection). Prices: 1 bot. Bayonne No. 1. Rs. 5-8-0. 1 bot. Bayonne No. 2. Rs. 5-8-0. 3 bots. of each Rs. 28-0-0. 6 bots. of each Rs. 55-0-0.
RENOCAL PILLS. For Ladies irregularities. Very effective. No. 1 for early cases and No. 2 (Double Strength) for obstinate cases. Prices: No. 1 Rs. 10/- per bot. No 2 Rs. 15/- per bot.	GOLDEN Eye Ointment. Per pot. Rs. 2-8-0.	



The Treatment comprises "505" Mixture and "505" Injection.

Made in England, to the formula of Dr. Edouard Pavy, the famous French Specialist in venereal disease.

TESTIMONIAL: "505" is wonderful..."

Prices: 1 bot. each. Rs. 9.
A months' trial course, 12 bots, Rs. 50. Tel. Code. "Zabin" 3 months course. 36 bots, Rs. 135, if ordered in one lot. Tel. Code. "Zabif"

Male or Female Syringe Rs. 3-8



WASTING AWAY!

Drop by drop
Will wear away a stone
Not by force
But by constancy alone

Spermatorrhea (Seminal Emissions) gradually saps the life from the sufferer and kills him inch by inch.

Don't abandon hope of being cured, if other remedies have been useless--but try **Salix Pills**.

Prices: 1 bot. Rs. 7-8-0. A months' trial course, 6 bots, Rs. 42-0-0, Tel. Code. "Stopping" 3 months course, 18 bots, Rs. 120-0-0, if ordered in one lot. Tel. Code. "Stopped"

QUININE SULPHATE Compound. Invaluable for prevention and cure of Malaria and other fevers. 30 Sugar-coated Pills in each bottle. Made by Robert Ferber, Ltd. London. Note:—A reward of Rs. 1,000. will be paid to anyone proving that each Pill does not contain approximately 2 grs. of QUININE. Per bot. Rs. 3-8. 3 bots. Rs. 10. 25% discount on large orders.	"DONALIN" The Tonic-Food Specific. For Debility, Exhaustion, Worry, Loss of Appetite, Brain-Fag, etc. Made in England to the formula of Dr. A. L. De Ravignac. Approved by Doctors. Prices: 1 bot. Rs. 7-8. 3 bots. Rs. 21. 6 bots. Rs. 40.	Pure Cod Liver Oil For wasting diseases, malnutrition and for promoting health and rapid growth in children. Per bot. Rs. 3-8. 3 bots. Rs. 10. We also stock Genuine Remedies for Asthma, Stomach Disorders, Piles, etc: Write for Literature and Prices.
---	--	---

Pasteur—Discoverer of Treatment for Rabies

—:(0):—

PAUL DE KRUIF

THROUGH all the centuries of human history, the death of millions had been caused by microbes—invisible, their very existence unsuspected. Suddenly, barely 100 years ago, these most deadly of our enemies began to lose their sting; and the human life span has been doubled in the past three generations.

We're too inclined to accept this stunning triumph as though it had not been fought for. We're too likely to forget that one man, Louis Pasteur, was the fighter with the boldness to launch this brightest of human adventures despite the scorn and laughter of a doubting world.

This little snub-nosed, half-paralyzed Frenchman was anything but a magician; and there was only this touch of the miraculous about him—that he contained so many other kinds of man besides the mere microbe hunter in his frail yet fiercely energetic body. He was a John the Baptist, calling the world to repent its sinful illusions; he was a fighter, always coming out of his corner with both fists swinging against the infamies of human suffering and death.

Louis Pasteur was the son of a tanner and great-grandson of a serf. For the first 20 years of his life he showed no signs at all of becoming a great searcher. He was only a plodding, careful boy. He spent his playtime painting pictures of the river that ran by his father's tannery at Arbois in eastern France. In 1842 (Louis was 20 at the time) he was graduated from the Royal College at Besancon, but his rating in chemistry was "mediocre."

It was not until a year later that his consuming interest in chemistry was touched off by the lectures of J. B. Dumas at the Sorbonne in Paris. One day he passed in a tearstained trance out of the lecture room of the great Dumas. "What a science is chemistry!" he muttered. He knew then that he was going to be a great chemist too; the misty gray streets of Paris dissolved into a confused and frivolous world that chemistry alone could save. He had left off his painting but he was still the artist as he began his first stumbling independent researches with stinking bottles and rows of tubes filled with gorgeous colored fluids.

He was sensitive, raw-nerved against human pain. As a nine-year-old boy he had run away, crying, from the edge of a crowd that blocked the door of a black-smith shop of Arbois. Above the awed excited whispers of the people he had heard the crackling "s-s-sz" of a white-hot iron on the flesh of a farmer who had been bitten by a rabid wolf. The iron was cruel and useless against rabies and it didn't save that farmer from dying in the agony of hydrophobia. But it did sear a lifelong hatred of death into Pasteur.

That hatred hardened him against the sneers of the medical world when (only a chemist) he promoted his then silly theory that microbes are the worst menaces of humanity. In the mid-19th century when Pasteur was striking his scientific stride, microbes were nothing but animated microscopic toys to entertain amateur bugologists. He astounded the scientific world by proving that the souring of wine was caused by mic-

robes; he rocked the medical world by hinting darkly that these no-account beings had laid low more victims than all the wars in history.

Pasteur maintained that all microbes had to sneak into their victims, inanimate or living, from the air. That was a gleaming hope in his scientific message. But the professors answered with the theory that microbes can generate spontaneously, that Pasteur's plans to keep them out of milk or men were moonshine.

There followed a battle of scientific experiment and verbal mudslinging that stirred all France. Pasteur boiled broth in flasks, sealed them from all contact with the air, and proved that no microbes were generated in this sterile, airless soup. The professors answered that microbes must have *air* in order to generate from nothing. Pasteur replied (furiously) that it's the dust of the air and not the air itself that contaminates.

Then he proved it. He confounded his opponents by a cunning little test that was a turning point in human history. He poured broth into flasks and sterilized them by boiling. No microbes. Then, with his near-sighted eyes close to the sputtering blast lamp, he softened the necks of those flasks, drew the necks out and down and up into long thin tubes, like the necks of swans.

He left the ends of those tubes open so that air had free access to the sterile, microbeless broth. But the *dust* in that air stuck in the tubes, and nary a microbe grew in a single flask.

Spontaneous generation? Balderdash. And Pasteur was not polite about it. He humiliated the hated spontaneous generationists in public. At a brilliant soiree where the brains and wit of Paris fought to get in, Pasteur exhibited these momentous bottles devoid of all microbe life. "Never," he shouted, "will the

doctrine of spontaneous generation recover from the mortal blow that this simple experiment has dealt it!"

There were sophisticates who smiled at this claim, but not for long when electrifying news arrived from the famous English surgeon, Joseph Lister. "Permit me," wrote that great man, "to thank you for having shown me the truth of the theory of germs by your brilliant researches." Lister told how, for the first time in human record, sufferers could now be operated upon safely, by antisepsis that guarded them from those deadly microbes which in many hospitals murdered eight patients out of ten.

Though he could have lived quietly as a teacher, Pasteur was driven forward by a rough-and-tumble obsession that there was a world to change, that there was so little time in which to change it, and that this rebuilding was his own peculiar responsibility.

With this fierce restlessness of searching in him, it is strange that he found time to get married. "There is nothing in me to attract a young girl's fancy," he wrote to his intended. But she recognized the stamp of genius, and became one of the most famous and long suffering wives in history. As one friend put it, she "loved him even to the point of understanding his work." Those long nights when she wasn't sitting up lonely for him while he raged and burned his fingers in his laboratory, after she'd finished putting to bed those children whose absent-minded father he was, Madame Pasteur sat primly on a straight-backed chair and took his scientific dictation.

Pasteur was a pioneer in applying abstruse science straight to the troubles of the people. When he was director of scientific studies in the Normal School at Paris, he learned that the

vintners of France were losing great sums from mysteriously soured wines. The whole industry was imperiled. At the urgent request of the winegrowers, Pasteur hurried off to study the diseases of wines. He felt certain that some wee microscopic being was making the wines go bad. Sure enough! Under his lens he found the wines swarming with tiny curious microbes hitched together like strings of beads.

Trying to find some way to keep these microbes out of the healthy wines, he discovered that if you heat wine just after it has finished fermenting, even if you heat it gently and below the point of boiling, the microbes that have no business in the wine will be killed—and the wine will not become sick. That little trick of partly sterilizing a fluid at a temperature of 138°-151° F. was later applied to milk and we know it now as pasteurization.

Driving on with relentless ferocity in exploration of the microbe world, he suddenly fell victim of a hemorrhage of the brain. He nearly died—and he was only 45. But when he heard that work on the new laboratory being built for him in Paris had been frugally stopped in expectation of his death, he was furious and made up his mind to live. He staggered to his feet, and limped back to his new laboratory. Thenceforth he was paralyzed on one side, but he set out to prove that "it is in the power of men to make parasitic maladies disappear from the face of the earth."

He had to face it that he was only *Mister Pasteur*. No M.D., he joined up with two young doctors, Charles Chamberland and Emile Roux, who became his fanatic disciples. So Pasteur invented to-day's chemist-doctor teamwork now fighting death and conquering human pain.

Yet he had no inferiority complex in the presence of the learned medicos. One day Pasteur invaded a session of the Paris Academy of Medicine, where an obstetrician was explaining the tragedy of childbed fever in long Latin words. (In certain Paris hospitals one out of every 19 mothers was dying from that flaming plague.) Pasteur jumped up. "What's really killing the mothers," he interrupted, "is the doctor carrying germs from sick women to healthy!"

Then the little microbe missionary limped up the aisle, and talked close to the obstetrician's face. You say I'll not find the microbe? *I have found it, Doctor. Here's the way it looks.* Then with chalk Pasteur scrawled a chain of circles, showing the physicians the real murderer. We all know its name today—streptococcus.

The doctors might be right in laughing at Pasteur's wild plan to wipe all deadly microbes from the earth, yet it was his hunch that there must be some trick to guard men against the sting of these subvisible assassins. Why, after recovering from a microbic sickness, are animals and men often immune to that same disease? "We must learn to immunize," urged Pasteur. So he and his two colleagues burned their hands, cut their fingers, tried crazy experiments failed forward for three years toward the happy accident that taught them to transform germs from murderers into guardians of their victims.

A culture of chicken-cholera microbes had stood neglected for a long time on their lab bench; a whim led them to shoot the germs into a couple of chickens. The birds sickened, but quickly recovered. Later they injected surely fatal doses of cholera microbes into a bath of birds which, purely by accident, included those two recovered chickens.

What had God wrought? While the new chickens died promptly, the recovered birds were absolutely immune to this shot that should have been their doom. Pasteur was in ecstasy. "Everything is found," he told his disciples. "What we'll do is to let young, virulent microbes grow a bit old in their flasks." So Pasteur turned that accident into a vision of vaccines that might save even men from death.

Pasteur was 58 now, but with the chance discovery of chicken cholera vaccine, he started the six most hectic years of his life. By 1881 he had discovered a way of taming vicious anthrax microbes. With Roux and Chamberland, he weakened anthrax bacilli so that some killed guinea pigs but not rabbits, and others did mice to death but were too weak to harm guinea pigs. They shot the weaker and then the stronger microbes into sheep, who got a little sick but then recovered, and after that these sheep could stand enough to kill a cow.

Pasteur announced his new discovery with enthusiasm that offended the horse doctors. One of them named Rossignol cooked up a plot to destroy Pasteur in a public experiment. Gaily Pasteur accepted. Once he'd proved a fact in his laboratory, he was ready to risk his reputation, if it would help to speed his discovery for the use of men. Roux and Chamberland were aghast, but Pasteur was the gambler. "What's worked with 14 sheep in our laboratory has got to work on 50 in the field at Melun," Pasteur roared at his conservative assistants.

Before a great concourse of farmers, scientists and magnificoes, the vaccination of 24 sheep, one goat and several cows went off without a hitch. None died. A like number of beasts had been unvaccinated, as controls. As the

final step, both groups were injected with billions of deadly germs. Two days later there assembled on the field a concourse of savants, senators, human and horse doctors, many of them ready to snicker at Pasteur's coming humiliation. Celebrated foreign correspondent, De Blowitz of the London *Times* led the gentlemen of the press. Pasteur and his staff marched upon the field and now there were no snickers as the epoch-making outcome was announced by the astounded judges:

Not one of the vaccinated beasts had so much as a touch of fever. Of the *not* vaccinated animals all but two were dead, and those two were dying. Even the skeptics roared applause. The test became a religious revival. Doctor Biot, an arch Pasteur-baiter, now implored him. "Inoculate me. Then I'll submit to the murderous virus. All men must be convinced of your marvellous discovery!"

Pasteur's bravest fight was his last. It was against that absolutely fatal, sickness, hydrophobia, from which he had run away, frightened, as a nine-year-old boy. He was already by far the most famous man in France, yet he would not rest on his laurels. His pioneering had set searchers all over the world to a fury of discovering death-dealing microbes. His anthrax vaccine foreshadowed preventives that would guard millions from typhoid, cholera and bubonic plague. His theory of germs had already made the saving of myriads of lives possible by surgeons. Yet to his tortured soul it was as if he had not yet found anything worthwhile whatever.

So he began to stick little glass tubes into the gapping mouths of lassoed dogs writhing mad with rabies; he stuck his beard boldly within inches of those fangs whose snap meant the worst of deaths.

Pasteur and Roux and Chamberland could find no rabies microbe. They could not even reliably pass the disease from animal to animal. Then the grizzled master had one of his most gorgeous intuitions: the subvisible virus attacks the nervous system; why not inject it direct into a living beast's brain? But that meant boring a hole through a dog's skull, and Pasteur forbade it. He didn't know that surgeons could perform this operation painlessly. Then Roux immortalized them all by disobeying Pasteur and made this injection while Pasteur was away. Less than two weeks later the beast died of rabies.

Thus he trapped the death that none could see, yet the project for gray months seemed to be only another wild-goose chase. Where was the preventive? In all history there was no record of a single human being recovering from this awful malady. Such was the inexorable murderer with which Pasteur played. After two years of taut, mad experiment they tamed the murderer, taking out a bit of spinal cord of rabid rabbit, hanging it up to dry in a bottle for 14 days, making it so weak that it would not kill a dog, then injecting the same dog with deadly stuff dried 13, 12, 11, 10 days, and so on till at last the dog could tolerate rabies virus dried one day only!

Would that dog be immune to red-hot rabies virus? If Pasteur failed now, passionate searcher that he was, it seemed to him that his whole life's work would be nothing. It was 1884, and on their wedding anniversary (which Pasteur forgot) his wife wrote to their daughter: "Your father is absorbed in his thoughts, talks little, sleeps little, rises at dawn and, in one word, continues the life I began with him this day 35 years ago."

But now the medical commission Pasteur had asked to check his experiments came out with an announcement that stunned the world: "Once a dog is made immune by gradually more virulent spinal cords of rabbits dead of rabies, nothing on earth can give him the disease." Then from France and abroad, from the Emperor of Brazil, came letters, wires, cables, from doctors, from desperate fathers and mothers waiting for their children, bitten by mad dogs, to die.

For once Pasteur flinched before this terrible responsibility. This was no affair like anthrax, where, if the vaccine was just a shade too strong, only a few sheep would die. Here a slip meant the lives of babies, of human beings.

At last, desperate Mrs. Meister from Alsace took the decision out of Pasteur's hands. She came, crying, to his labora-

CALOZAN

For Calcium Deficiencies.

Recommended by doctors for calcium deficiencies, in nursing and pregnant mothers, and general weaknesses: Contains Calci Lactic, Calci Phosphoric, tribasic, puriss, calci carbonic, magnes, phosphor, ferr ammon citras, acid silic, acid ascorbinic, calci ferol cacao, sacchar etc.

Testimonial
Dr. A. V. RAO
Ahmedabad.

I tried three tins of your Calozan on my patients and find they are all improving please send me 6 more tins of Calozan.

1. Tin Rs. 12/8-
Tele Code "Calo"

3. Tins Rs. 37/-
Tele Code "Calozan"

tory leading her nine-year-old boy, Joseph, who'd been gashed in 14 places two days before by a mad dog. "Save my boy, Mr. Pasteur," she begged him.

Little Joseph Maister went through his 14 injections without a sign of danger and he went back home without a sign of rabies.

Tortured bitten people of the world came clamoring to the miracle man of the Rue d'Ulm in Paris. From Smolensk in Russia came 19 moujiks who'd been set upon by a mad wolf more than two weeks before. Strange figures in fur caps, they came, mumbling, "Pasteur—Pasteur." It was the only French they knew. All Paris went sick with pity for these peasants. "Surely they'll all die," was the whisper that went round the boulevards.

Then a shout of pride went up for Pasteur, from Parisians, from France; and the world raised a paean of thanks to him, for the new vaccine saved all but three of the doomed peasants. The Czar sent Pasteur the diamond cross of Saint Anne, and 100,000 francs to start the building of that house of microbe hunters, of life, now called the Pasteur Institute. From all over the world came money, piling up into millions.

When today's tragedy of war is over, let our young scientists and doctors remember the testament that Pasteur left us in 1892 on his 70th birthday when a medal was given him at the Sorbonne. Lord Lister was there, and famous men from many nations, and students from high schools and colleges who packed the galleries. There was a hush as the old searcher limped up the aisle, leaning on the arm of the President of the Republic. The voice of the fierce microbe hunter was gone; his son read the words that were his heritage to the future.

"Do not let yourselves be tainted by a barren skepticism, do not be discouraged by the sadness of certain hours which pass over nations. Live in the serene peace of laboratories and libraries. Say to yourselves first: What have I done for my instruction? and as you advance: What have I done for my country? until the time comes when you may have the immense happiness of thinking that you have contributed in some way to the progress and good of humanity."

It was to the young people of today that Pasteur was calling.

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.

REXOL Anti-Sensitive Solution.

Recommended for use with Endophon No. 1. Prevents Premature ejaculation by removing excessive sensitiveness. It is not drastic, or harmful to this delicate part, but gentle and sure in its action.
1 bottle Rs. 3-8-0. 3 bottles Rs. 9. 6 bottles Rs. 17.

Reeve's Hair Restorer

Is not a dye, but a safe and sure Hair Restorer. It cleanses the scalp, invigorates the roots, removes Dandruff and give you a thick and luxurious growth of hair.

Price, a bot Rs. 5/8. 3 bots Rs. 15/-
6 bots Rs. 28/-

CODOCAPS

PURE COD LIVER OIL CAPSULES.

Is highly recommended and used by the medical profession in cases of wasting diseases. T.B. Anemia, loss of flesh and strength of feeding mothers and all general weakness.

Made in England.

a bot Rs. 3/8- 3 bots Rs. 10/-
6 bots Rs. 20/- 12 bots Rs. 38/-

Note:—This is chiefly preferred as some patients cannot take the liquid oil, because of the taste.

GLANDULAR THERAPY.

By Dr. A. F. De Saint-Croix.

Journal of Medicine, Feb: '37.

In the light of modern researches and extraordinary rapid progress in the direction of the use of ductless glands in the treatment of various diseases much is said and has been discussed.

This new principle in medicine has completely revolutionised the old time tonics.

Glandular therapy, the application of which dates back from 1889 when the pioneer of this branch of medicine, Brown Sequard, administered to himself testicular extract, is well known. To the amazement of himself and other physicians, the experiment proved a great success and a new chapter was opened up in the modern book of therapeutics.

Since that day, good many eminent scientists, notably Banting, Best, Murphy, Minot, and Serge Voronoff have experimented on various organisms including human beings, taking help of every available ductless gland found in the body.

Recently the new system has been perfected to such a degree, that surprising results have been recorded in books of medical statistics.

A good deal of information about the subject can be obtained from an authoritative publication put forward by Dr. E. Retterar, of Paris.

It is also a truth that the most forward medical men whose opinions are valued by

physicians of the whole world have personally carried out experiments, and have without reservation, put their stamp of approval on the system and advocated its tremendous possibilities.

It has been scientifically proved that the key to sexual weakness is Glandular Extracts obtained from the glands of bulls, and administered by the mouth in CAPSULE FORM.

Yet all the achievements of the system are reduced to nil if the glands selected are not of standard purity and if due care is not taken during the preparation of their compounds. The bulls selected must not be diseased and must be absolutely young so that all their ductless glands must be functioning with their proper physiological secretions. On strict and thorough pathological examinations, they should prove to be absolutely germ free and in a healthy condition.

The exact proportions selected from different glands is a matter of vital importance.

Another factor of great importance is the preservation and stability of these products. Absolute freshness is essential. The gelatine capsule is recognised as the best method of preserving freshness and therapeutic efficacy, as the vital gland substances are completely sealed in the gelatine envelope, and all possibility of deterioration is eliminated.

THE SCOURGE OF SYPHILIS AND GONORRHOEA AND THE CURE.

From the *Lancet*. June 11, 1942.

Britain's figures of venereal disease have risen since the War. In 1940 the increase was 23 per cent over 1939. Proportionately this is better than the situation in World War 1, when the V. D. rate doubled, but it is no occasion for complacency.

Treatment was woefully inadequate between 1914 and 1918.

The short courses of treatment then in use were responsible for tragic developments a generation later. If left untreated, syphilis has a tendency to clear up. This is disastrously deceptive. The disease may lie dormant for years, then suddenly break out again.

Syphilis is not a new disease. It has been treated a thousand different ways since 1493, when Dr. Diaz de Isla climbed aboard Columbus's ships at Palos to treat sailors loathsome sick of the malady they had brought back from the West Indies.

Such things as China root and sarsaparilla have had their day, to say nothing of a medley of things like powdered serpents and even toad's spittle. It was not until March 1905, that science began to get at grips with syphilis.

In that year a bushy-bearded German named Fritz Schaudinn was ordered by Berlin's Imperial Health Office to make laboratory tests of a germ which was suspected of causing not only small pox, but the great pox. He got positive results, named the germ "the pale horror" because it could scarcely be seen, even under a microscope.

Another discovery in 1907 brought August von Wassermann's fixation test, which to this day is the doctor's quickest, most practical test for the disease: Three

years later Paul Ehrlich made the discovery which beat syphilis down from astronomical figures to something within reasonable understanding. This was "606"—salvarsan.

In 1936, Dr. Pierre de Sadalan evolved oral treatment, which he called after his name. Two years later, in January 1938, Neo Sadalan made its appearance, being the new and improved formula of Dr. Pierre De Sadalan, that clinches the fight even in long-standing cases.

The rate of cures in primary cases is 86 per cent and in secondary cases 81 per cent, every cure is complete and permanent.

It is the best treatment and is convenient and absolutely safe to use.

Quick disappearance of symptoms often inclines the sufferer to believe he is cured, and he stops treatment with tragic results.

In its primary stage syphilis is not painful; the secondary stage includes a rash, which may cover the entire body. Loss of hair in spots over the scalp is common. The third and fourth stages can be anything from heart trouble to general paralysis and insanity.

Syphilis is generally regarded as the aristocrat of diseases, but gonorrhoea is considered a social disgrace. More prevalent in its ravages, but far less horrible in effect, it has been completely conquered by modern medicine.

The "MAGIC BULLET" in gonorrhoea's treatment is "505" Mixture and Injection.

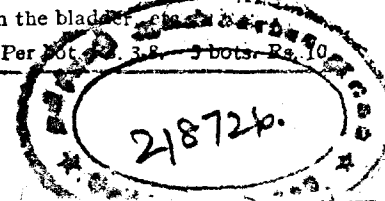
It is made to the formula of Dr. Edouard Pavy, the eminent specialist in venereal disease. This is the finest treatment and always effects a permanent cure.

SALONA
Haemoglobin Compound.
The best remedy for all forms of **Anaemia**. Used by St. Mary's, Queen Charlotte's and Guy's Hospitals. *Enriches* the blood and makes *more* blood and *arrests* Anaemia at every stage. Each bottle contains 24 Capsules and

the dose is 1 capsule, thrice daily immediately after meals.
Per bot. Rs. 4-8. 3 bots. Rs. 12.

Anti-Constipation Tablets.
Highly efficacious. Made in England, to formula of Sir Leonard Clark.
Per bot. Rs. 3-8-0 3 bots. Rs. 10.

"Uranol" Backache, Kidney and Bladder Pills.
Cures Kidney affections and bladder weakness. Removes stone in the bladder.
Per bot. Rs. 3-8. 3 bots. Rs. 10.



BENEFACTORS OF MANKIND



Lord Lister.
Discovery of the anti-septic system of surgery.



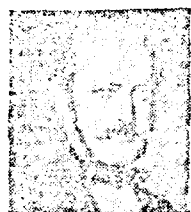
Sir Alexander Fleming.
Discovery of Penicillin, the cure of many diseases.



Dr. Edward Jenner.
Discovery of the vaccination method of combating small-pox.



Sir James Simpson.
Discovery of Chloroform. Thus made possible painless operations.



Dr. Semmelweis.
Discovery of the cause and prevention of Puerperal Fever in pregnant women and thereby saved millions of lives.



Dr. Eijkman.
Discovery of the cause and cure of Beri-Beri.



Dr. Louis Pasteur.
Discovery of preventive treatment for Rabies, Anthrax, etc., Proved existence of germs.

With an Idea and Determination... HE REVOLUTIONISED MEDICINE!



Prof. BROWN-SEQUARD making his great discovery.

In 1889 Professor Charles Edouard Brown-Sequard, the famous scientist, made his epoch-making discovery, when he administered to himself glandular extract in his laboratory in Paris. To the amazement of himself and other physicians, the experiment proved a great success and a new chapter was opened in the modern book of therapeutics.

His life was a great one....most of it spent in a littered laboratory conducting ceaseless experiments. Never did a man work so hard—and succeed so brilliantly!

Professor Brown-Sequard's discovery is mentioned in authoritative medical books on the subject.

The harnessing of physical and chemical forces, which has produced our modern rapidity of travel and communication; steam, electric power, telegraphy, and the conquest of the air, affect our lives profoundly. And yet it may well be that biological knowledge and its many applications to the control and cure of disease and, above all, its elimination and prevention, have done far more to lighten the burden under which mankind struggles and to raise the level of civilization.

The great progress of medical science and the rapid strides it has made in the last hundred years have saved countless lives, prolonged and alleviated many others, and given us all a better chance of expanding what personal talents we have and of making the best of our time.

Humanity is beginning to see how to live.

All this is due to those men—Benefactors of Mankind—who have elucidated for us the immutable laws which underlie our functions. By no means the least of these was the immortal discoverer of Gland Therapy—Prof. Brown-Sequard, the famous French Scientist, for it is not difficult to see how he provided a sure basis on which modern science could build with confidence and success.

Although many lives have passed in the contemplation of Nature, attempting with infinite patience to solve the problems which she presents in such profusion, few philosophers have succeeded in making such a fundamental and far-reaching discovery as that of the function of the human glands.

It is not too much to say that enunciation of this principle revolutionised medicine and set it firmly upon a rational footing. So much was made clear and so many vistas were opened that it would seem that this conception was a lever powerful enough to set in motion those trains of scientific experiment and research which have brought us to our present state of knowledge and still gathering speed and power, lead us confidently to hope for yet wider and deeper understanding of natural laws, in particular those which govern the great mystery of Life itself.

Gland Therapy is no myth. Some of the highest medical authorities in Europe and America believe in the curative efficacy of gland treatment for sexual weakness and other ailments.

PAKISTAN

Pakistan customers are requested to note, that when ordering any products or goods from the Bergeret Laboratories (India) Ltd, Post Box No. 148, Broadway, Madras. Should send 50% of the value in advance by Bank Draft. As if the V. P. Parcel is returned we have to pay heavy customs duty.

FLEMING - DISCOVERER OF PENICILLIN

By HUBERT E. BIRD

ON a morning of September 1928 a miracle blew in at the window of a London hospital laboratory. A series of accidental circumstances combined to make this one of those rare moments which affect the history of us all and made Alexander Fleming one of the greatest benefactors of the human race. The window was open, and Fleming, teacher of bacteriology in St. Mary's Hospital Medical School, happened to lift the lid off a dish in which he was growing a bacterial culture. A casual mould-growing spore fell into the dish before the lid was replaced.

A few days later Fleming saw that a greenish-blue mould was growing on the surface of his bacterial "garden". As a culture it was ruined. It was no new thing for a mould to ruin a bacterial culture. Normally the whole thing would be thrown away. But this mould was different, for Fleming saw that it had cleared the bacteria from quite a wide area. Here was a substance of some importance as a destroyer of dangerous bacteria. The dish was *not* thrown away.

Shaped Like Pencil

The green mould produced drops of yellow liquid which, even when diluted 800 times, prevented the growth of dangerous staphylococci. Fleming examined the mould under a microscope. It was made up of tiny particles shaped like a pencil. He called it penicillin.

Fleming saw its possibilities, and made his discoveries public, but he lacked both means and opportunity to explore them further. It was not till the year 1938 that the properties of penicillin were tested and proved. In this year Dr. Florey, an Oxford professor, and a small team of experts, began a series of experiments which turned this green mould into a powerful instrument

of healing, which saved not only hundreds of lives on the battlefield, but rescued as many shattered limbs from the surgeon's table.

Alexander Fleming, who made all this possible, was born in 1881, the son of a Scottish farmer. A brilliant school-boy, whose early career was a record of scholarships and gold medals, he eventually became a teacher at London University. There he was assistant to Sir Alroth Wright, the father of modern vaccine therapy. At his side, he contributed to the research which produced World War II's first wonder drug, M and B 693, and he it was who discovered that tears contain an antiseptic substance called lysozyme, a discovery of great physiological importance.

Humanitarian

Like all great scientists Fleming's work was motivated by a great humanitarian perception as well as scientific curiosity. It was his work as an Army doctor in World War I that set him thinking on the lines that eventually led him to his great discovery. For all around him he saw the ravages of invisible bacteria robbing men of life and limb. He made bacteriology his special study. His brilliant work, crowned by his discovery of penicillin, has marked him for lasting fame.

In 1944 he was knighted for his great services to science and the cause of humanity, and in 1945 he received (jointly with Florey and Chain who had extracted penicillin for therapeutic use) the Nobel Prize for Medicine, awarded every three years to those who make the world's most outstanding contribution to human welfare. Academic honours showered on him. He was awarded the Legion of Honour by the French people and was made not only a member of the Academies of medicine in Paris and Rome, but a member of the Britain's Medical Research Council.

DISCOVERY OF ENDOPHON

By Dr. GUSTAVE LECLERC.

The year 1931 saw the discovery of **ENDOPHON**. It was made possible only by preceding research. Dr. Gustave Leclerc, a chemist on the consulting staff was the first to discover the activity of certain glands. Dr. Louis Perrancourt, also on the consulting staff, was likewise working on the problem. He completed his work shortly after Leclerc's discovery, and assigned to the preparation its correct formula,

The discovery of **ENDOPHON** marked a new era in Glandular Therapy.

Recently, a new Gland Extract has been discovered and embodied in **ENDOPHON**, greatly increasing its curative efficacy.

The Manufacture of Rebal Female Mixture.

The Manufacture of Rebal Female Mixture required the attention of the most expert chemists as very costly and important medicaments were used. That is why it is so perfect in results.



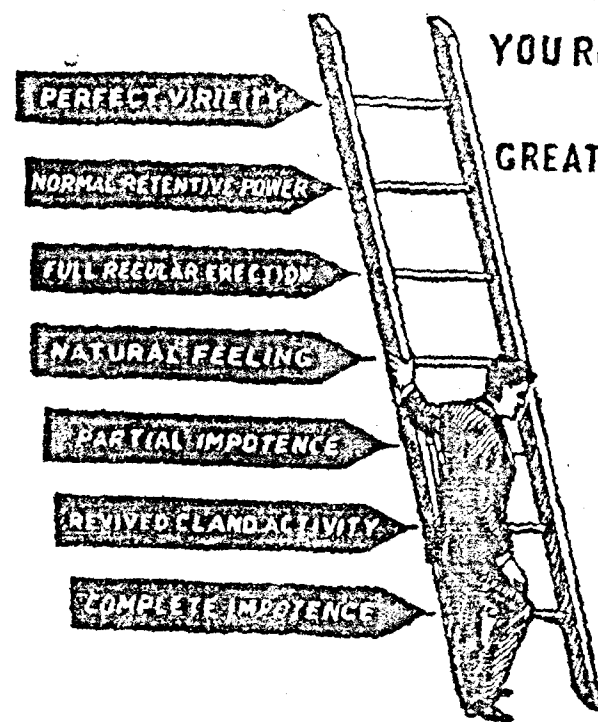
Research Laboratory

Where these famous and well known products were discovered, that are Second to None in their curative efficacy.

EASTERN HEAD OFFICE:—POST BOX NO. 148, BROADWAY, MADRAS.
Telegraphic Address:—"CURE"—MADRAS.

THE CHOICE OF THE EXPERT

STEP by STEP



Where do YOU stand on the Ladder?
YOU RISE TO NEW AND GREATER VIRILITY

Whether you stand half way up or right at the bottom, Endophon will cure you completely and permanently.

What Endophon IS

Endophon is a genuine gland preparation, containing the vital gland extracts in a fresh, fully active form, sealed in gelatine Capsules.

What ENDOPHON Does

If completely Impotent, Endophon will gradually impart to your weak, enfeebled glands those Very Substances that they lack, and revive them into New Activity giving Partial Erection in two weeks.

STEP by STEP, slowly but surely Perfect Virility is obtained.

ENDOPHON gradually strengthens the whole sexual system and restores Perfect Sex Health and increases Virility. Premature Ejaculation and Feeble Partial Erection is replaced with Normal Retentive Power and Full, Regular Erection, and Complete Impotence is replaced with Natural "Feeling" and Full Ability.

Thus, STEP by STEP, permanent and perfect virility is the final result.

SOLD IN TWO KINDS

Endophon No. 1 for Premature Ejaculation or Partial Impotence.

Endophon No. 2 for Feeble Erection or Complete Impotence and Sterility.

Endophon is Manufactured by BERGERET LABORATORIES. It is now sold by Course Treatments to suit requirements. (See bottom of page 13.)

Price: 1 bot, Rs. 9.8. 3 bots. Rs. 28.0. 5 bots. Rs. 46.0.

Large Bottle Rs. 18/- 8. Rs. 64/- 5. Rs. 90/-

Tele. Codes: 3 bots. No. 1 'Entrax' 10 bots. No. 1 Half-One. Rs. 90/-

" 5 bots. No. 1 'Entrox' 20 bots. No. 1 Course-One. Rs. 175/-

" 3 bots. No. 2 'Enjex' 10 bots. No. 2 Half-Two. Rs. 90/-

" 5 bots. No. 2 'Enjexor' 20 bots. No. 2 Course-Two. Rs. 175/-



WE STOCK ONLY GENUINE REMEDIES:—BERGERET LABORATORIES (INDIA) LTD. Post Box No. 148, BROADWAY, MADRAS.

THE CHOICE OF THE EXPERT

READ WHAT CURED PATIENTS SAY.

Mr.—(Nagpur) ".....Endophon is all that you claim it to be. I have taken the full course and am now O. K. You have my permission to print this in a confidential manner, as I would like those who are in the same predicament as I was to benefit by using a really fine remedy....."

Mr.—(Assam) "...I have finished the course of Endophon No 2 and with much gratitude I inform 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.

Endophon is Now manufactured by Bergeret Laboratories. 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.

READ THE OPINIONS OF THE MEDICAL PROFESSION IN INDIA.

Dr. S. C. Bhattacharjee. Chittagong. "...Endophon is highly efficacious. Please send three dozen bottles of No. 2..."

Dr. A. G. WRIGHT. Calcutta. ".....I tried Endophon No. 1 on a patient with complete success..."

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 Endophon, that we Guarantee it to cure you permanently.

A complete course of Endophon No. 1 for Premature Ejaculation is four months. And a complete course of Endophon No. 2 for Feeble Erection is four months, each comprising 20 bottles. The cost of each course if ordered in one lot, is Rs. 175/- Postage and Packing etc. is extra. There is a reduction of Rs. 15/- on the single bottle cost.

A complete course of Endophon No. 2. (for complete Impotence and Sterility) is six months, comprising 30 bottles, and the cost is Rs. 260/- only.

The treatment is supplied under the Firm's bon-fide guarantee, and in case it fails to cure, The full cost paid will be refunded.

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

BERGERET LABORATORIES (INDIA) LTD.
 EASTERN HEAD OFFICE:—Post Box No. 148, BROADWAY, MADRAS.

SCIENCE brings YOU a New Lease Of Life

And Fuller, Freer, Pulsating Life—not just mere day-to-day existence

'GREATER VIRILITY' for Every Man

Haven't you often sighed and said: "Ah, if only I could have MY TIME OVER AGAIN!"

You CAN have your time over again—Science has proved it.

Haven't you often wished you could really LIVE? With the boundless energy to enjoy life to the full, to be filled with happiness every moment for the sheer joy of living? There is ecstasy indeed! And it does exist—it does exist to-day as the rare prerogative of those fortunate few (perhaps one in ten thousand) who enjoy real, positive, perfect health.

You, too, can have Greater Virility and endless energy—Science has shown the way—the new tried, tested, proven way, the way that cannot fail.

GLANDULAR TREATMENT

—: (o) :—

Glandular Treatment does not consist of drugs. It is natural, harmless, certain and sure in its cure. Do you know that famous Doctors have tried Glandular Treatment and have been astounded at the results, that have surpassed their wildest expectations and staggered their imagination.

You too, can share in these modern marvels of scientific Discovery. WHAT GLANDULAR TREATMENT has done for others! CAN BE DONE FOR YOU!!

Glands Control Your Destiny!

From the moment you were born until the moment you die, every bodily activity is controlled by your ENDOCRINE or DUCTLESS GLANDS. Each evolves its special potent substances, the HORMONES—and their presence in, or absence from, your blood, determines what you are or what you become. Your height, your build, whether you are fat or lean, active or inactive, energetic or weak, clever or dull—your physical and mental life is wholly determined by your GLANDULAR activity.

Perfect, Positive Health!

It is a lamentable fact, but a fact none the less, that the vast majority of people living to-day do not know what health is, because they have never been healthy. Many of them imagine that they are healthy as long as they have no definite disease or illness. This is far from being the case! That is merely Negative Health. No one could ever confuse it with Positive Health

who has once experienced the latter! Positive Health is not merely the absence of illness or disease, and those processes that wear out and destroy the bodily tissues; it is the active presence of a 100 per cent. efficient endocrine co-ordination, which daily rejuvenates and renews the tissues. It fills the body at all times with a boundless reserve of energy that makes itself known by a delightful feeling of slight tension—a feeling of being "wound-up," instantly ready to go anywhere and tackle anything! This sensation of exhilarating vitality indicates the presence of untiring strength and radiant health which will outlast the passage of the years.

BERGERET LABORATORIES (INDIA) LTD., Post Box No. 148, Broadway, Madras.

ENDOPHON THE GREAT GANDULAR EXTRACT

Is the best Glandular Treatment, that can give you a New Lease of Life:

Sold in two kinds.

No. 1. (For Premature Ejaculation Partial Impotence.

No. 2. For Feeble Erection or Complete Impotence.

Prices. Small bottle 1 bot. Rs. 9/8- 3. bots. Rs. 28/- 5. bots. Rs. 46/-.

Large bottle. 1 bot. Rs. 18/- 3. bots. Rs. 54/- 5. bots. Rs. 90/-.

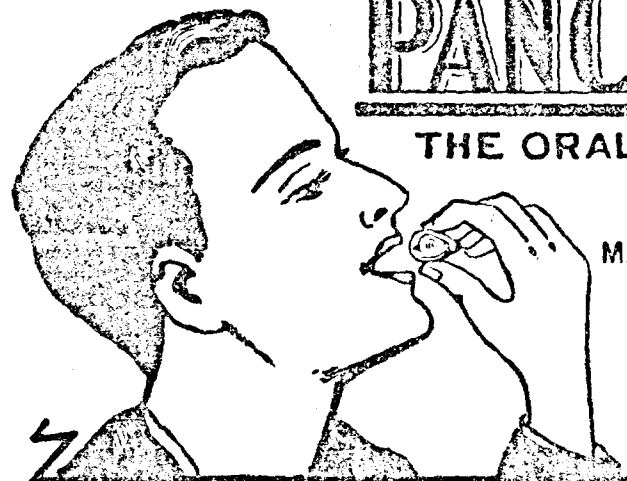
THE CHOICE OF THE EXPERT

PANCRE-VITE

THE ORAL INSULIN COMPOUND

For DIABETES

MANY IMITATIONS - BUT NO EQUAL

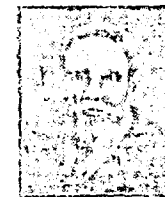


Diabetes, a dread disease, was formerly considered to be incurable. But it can now be cured with Pancre-Vite, the New Scientific Oral Insulin Remedy.

Pancre-Vite is a powerful remedy for Diabetes. It is a combination of all the active derivatives of the pancreas which control carbohydrate metabolism together with the specific proteins necessary for regeneration of the pancreatic tissues.

Chronic cases have been successfully treated by the oral administration of Pancre-Vite. It lowers sugar to normal. Aids digestion—increases weight and strength—positively makes the patient fit and healthy, as no other remedy can.

Pancre-Vite is the rational and most effective remedy for Diabetes, as it is prepared to the formula of Dr. Armand Grimard, the eminent Diabetes Specialist.



Try Pancre-Vite NOW and rid yourself of Diabetes for ever!

Dr. Armand Grimard,
Diabetes Specialist.

MANY IMITATIONS but NONE EQUAL to PANCRE-VITE!

Insulin is not curative, but only has transient effects, besides the necessity for daily Injections are extremely inconvenient and tend to become tiresome.



Pancre-Vite is the best Oral Insulin Remedy, convenient to use and very effective. Its powerful curative action strengthens and develops the pancreas which control the several phases of diabetic pathology.

Pancre-Vite easily supersedes Insulin as a specific for diabetes, as it contains the active derivatives of the pancreas with other substances necessary for the complete regeneration of the pancreatic tissues. Furthermore, it is prepared in Capsule form—specially hardened—to insure the passage through the stomach for immediate absorption in the intestine, with maximum curative efficacy.

This effective action cannot be obtained with preparations made in tablet or liquid form.

Read the Opinions of the Medical Profession in India.

Dr J. D. MacQueen. Bombay. ".....My Diabetic cases have responded magnificently to the Pancre-Vite treatment....."

Dr C. Ghose. Delhi. ".....Pancre-Vite is marvellous....."

LATEST TESTIMONIAL.

Mr.—(Gujarat). "...I have taken Pancre-Vite for the last twenty days and I have found good relief. The sugar level present in the urine has fallen from 3'6 to 1'7..."

Prices: 1 bot. Rs. 7-8-0. (A months' trial course, 5 bots, Rs. 35-0-0. Tel. Code. "Pan")

3 months course, 15 bots, Rs. 100-0-0, if ordered in one lot. Tel. Code. "Panning"

THESE products are 100% GENUINE—and recognised by the Medical Profession.

GIVES EXCESSIVE POWER INCREASES ERECTION PROLONGA PROLONGS UNION EFFECTS DOUBLY PRESERVED UNTIL CLIMAX. A GENUINE PRODUCT

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

For a double effective action use with La Paree Oil.

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

For a double effective action use with La Paree Oil.

LA PAREE OIL.

A Powerful Aphrodisiac.

Can be used safely as a temporary measure.

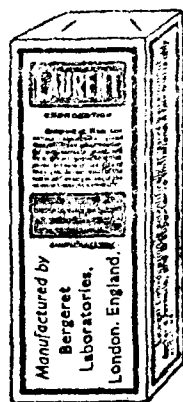
Applied on the 'part', it immediately produces strong feeling and desire. It gives intense power to the 'part'. Warranted harmless. Made to a special formula.

When used either with 'Prolonga' Obracon or De Vecin Capsules a double affective action is obtained.

Price per bottle of 4 ozs. Rs. 25-0-0 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. Avoid worthless imitations!

Manufactured by Bergeret Laboratories according to the original formula of Dr. Henri Laurent, formerly first physician of the Fouquet Hospital. Paris. (France).

Prices: 1 bot. Rs. 7-8-0. A month's trial course, 6 bots, Rs. 42-0-0. Tel. Code. "Large" 3 months course, 18 bots, Rs. 120-0-0, if ordered in one lot. Tel. Code. "Largest"

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"

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.



CAMILLE

PREVENTATIVES.

Beautifully Soft and Skin-Like—Unnoticed in use.

"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.

Prices:- 1 doz. Rs. 25. 1/2 doz. Rs. 13. 1/4 doz. Rs. 7. Tele Code. 1 doz. "Exel" 1/2 doz. "Excelled"

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)

PRICES:-1 doz Rs. 20 1/2 doz Rs. 11 1/4 doz Rs. 6 Tele Code. 1 doz. "Tip" 1/2 doz Tippe

FRENCH TICKLERS

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.

Prices:-1 doz. Rs. 25. 1/2 doz. Rs. 13. 1/4 doz. Rs. 7.

WHIRLING SPRAYS.



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.

TRANSPARENT VESTA SKINS

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. (Test end.) (Washable.)

Price:-1 doz. Rs. 20. 1/2 doz. Rs. 11. 1/4 doz. Rs. 6.

The "FRIVOLA" Preventative.

Very Unique.

Absolutely different to all others.

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

1 doz. Rs. 25. 1/2 doz. Rs. 13. 1/4 doz. Rs. 7.

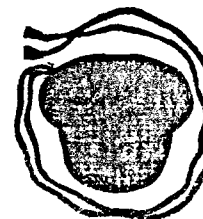
For Ladies /

"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. Three sizes 1, 2, 3. Solid rim. Price Rs. 6. 3 Rs. 17.

REEVE'S HAIR RESTORER. Safe and Sure Not a Dye.

A few applications and greyness vanishes.....your hair becomes its natural colour, with a glossy softness to be admired. It cleanses the scalp and invigorates the roots. It prevents Dandruff and stops the hair from falling out. It cures partial baldness permanently. 1 bot. Rs. 5-8. 3 bots. Rs. 15. 6 bots. Rs. 28.

UNIQUE DESIGN PASSIONETTE MUTUAL EFFECT

These Preventatives have small, round disc-like protrusions 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. 1/2 doz. Rs. 13. doz. Rs. 7.

The "CROCODILE" (WASHABLE) Preventatives. Prices:-1 doz. Rs. 25. 1/2 doz. Rs. 13. 1/4 doz. Rs. 7.

The New Silk "NINON"

THE NEW LIQUID LATEX PREVENTATIVES.

Being very light and exceptionally strong, they are a boon to persons suffering from nervous disorders, as sexual relationship is rendered quite natural.

Prices: 1 doz. Rs. 25. 1/2 doz. Rs. 13. 1/4 doz. Rs. 7.

"ENDURANCE" (Washable) SHEATH.

To use the "Endurance" Sheath is to use the finest Sheath, for it gives absolute satisfaction.

The "Endurance" Sheath will not burst in use, like other cheap makes, and is guaranteed to last for one year. Price: 1 sheath Rs. 7-8. 3 Rs. 21. Three sizes. Small, Medium & Large.

SAMPLE PACKET No. 1.

10 CONTAINING DIFFERENT TYPES OF PREVENTATIVES FOR Rs. 15/- Only. 10

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

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.

—THE CHOICE OF THE EXPERT—

RENOCAL PILLS

THE WISE WOMAN'S
FRIEND-IN-NEED

NEVER FAILS
TO CORRECT ALL
IRREGULARITIES

GUARANTEES SUCCESS NOT FAILURE



Renocal Pills is the ideal corrective for female irregularities. Their wonderful smooth action assures that quick "relief" so much desired. No other Pills or tablets are just as good.

Wise women always prefer Renocal Pills to others, be they ever so cheap, WHY? because they know that Renocal Pills, unlike others, never fails—but does the needful in that marvellous smooth easy way, for which they are justly famous.

Be confident of the result by always taking Renocal Pills—and avoid Monetary Loss, and days of Worry. Renocal Pills has stood the test of time and can be relied upon with full confidence.

TESTIMONIALS.

Mrs. ——— writes:—

"Thanks for the bottle of Pills sent. It has done the needful....."

Mrs. ——— writes:— "Your Renocal Pills are wonderful. I am alright, though I have only finished half bottle....."

Mr. ——— writes:—"I am glad to say the Pills have done the necessary, so kindly cancel my order for the Mixture. Thanking you very much for your kind attention and the efficacious Pills sent....."

RENOCAL PILLS. (Two Strengths.)

No. 1. For early cases. (3 to 5 weeks).	Price Rs. 10. per bottle.	Tele: Code "Refto"
No. 2. For late cases.	Price Rs. 15. per bottle.	Tele: Code "Rexin"

Note:—It is advisable to give particulars, time overdue, age and physical condition to ensure receiving the right treatment, which will be supplied under our guarantee of success.

**EVERY REMEDY STOCKED BY US IS 100% GENUINE—
NOT WORTHLESS 'QUACKS'**

—THE CHOICE OF THE EXPERT—

GALAXIN

THE GENUINE BLOOD CLEANSER

BEFORE
TREATMENT



PIMPLES



FRECKLES
COPPER PATCHES



ECZEMA



SORES

AFTER
TREATMENT



ALL REMOVED



CLEAR, HEALTHY
SKIN



CURED



BANISHED

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 these symptoms of "Hereditary Impurities" in the blood.

Galaxin
BLOOD
CLEANSER

POWERFUL

PENETRATING

PERSISTENT

GUARANTEED TO CURE:—Pimples, Freckles, Copper Patches, Blisters, Sores, Boils, Ulcers, Dhobies Itch, Psoriasis, Eczema, Lepa, Herpes Progenitalis, Glandular Swellings, Ulcerated throat, nose or ears, Syphilitic Eruptions, Acne, Abscesses, Rashes, Scrofulous Affections, Elephantitis, Lumbago, Gout, and all diseases, due to an impure state of the blood.

Prices: 1 bot. Rs. 5-8-0. (A months' trial course, 6 bots, Rs. 28-0-0. Tel. Code. "Gal")
(3 months course, 18 bots, Rs. 75-0-0,) if ordered in one lot. Tel. Code. "Galax"

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

REBAIL FEMALE MIXTURE AND RENOCAL PILLS No. 2

This wonder Treatment
May cost Much More.
But it is Worth Much More!
WHY?
Because you get
Sure Results.

This treatment is the right combination of the most costly medicaments in exact proportion to Give Results, for Urgent, far-advanced or even obstinate cases of (SUPPRESSED PERIODS). THAT IS WHY!

IT NEVER FAILS.

PRICE:-Rs. 68/8. For the full treatment including postage etc.	TELEGRAPH "CODE" COMBINED	TELEGRAPH ADDRESS CURE MADRAS
--	---------------------------------	-------------------------------------

Sold Only By:—BERGERET LABORATORIES (INDIA) LTD.,
EASTERN HEAD OFFICE:—POST BOX NO. 148, BROADWAY, MADRAS.

READ THIS CAREFULLY

This treatment is fully
guaranteed and if ineffective
the full cost will be refunded.

....O....

FOR URGENT, FAR-ADVANCED
CASES. EVEN OBSTINATE.

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. (A months' trial course, 8 bots, Rs. 65-0-0.
Tel. Code. "Sadan") 3 months course, 24 bots, Rs. 180, if ordered
in one lot. Tel. Code. "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. A month's trial course, 6 bots, Rs. 45-0-0, Tel. Code. "Sadex" 3 months course, 18 bots, Rs. 135-0-0, if ordered in one lot. Tel. Code. "Sadol"
Latest Testimonial. "Neo Sadalan No. 2, has given good results..." Dr P. Singh. Patna, Bihar.

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....."

Read the Opinions of the Medical Profession in India.

Dr. S. A. Johnson. Calcutta. ".....I tried Neo Sadalan on two cases of Syphilis with very good results....."

Dr. L. P. Khan. Bombay. ".....Neo Sadalan is proving most successful. I wish I had used it when I first started practice....."

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



These products have been at the service of Medical men and the public for over half a century. During that time the advertisements of these preparations have been found mainly in medical journals. That these preparations have become standard and are now being largely prescribed by Doctors in France, Belgium, and practically all English speaking countries of the world is our reward for "Keeping the Faith" The testimonials and voluntary reports we have received from physicians run into thousands. Reports on one product alone—Endophon—now number over eighteen thousand. We only publish a few of these reports in abbreviated form with the consent of the physician. However, they are filed by number and can always be referred to when necessary.



THE MEDICAL AGENCY

1. Curative efficacy is always given first consideration in Bergeret Laboratories

2. All remedies, are carefully tested on actual cases by our pharmaceutical expert.

3. All remedies are manufactured by Bergeret Laboratories, and reputable British firms, to the formulas of eminent specialists. Their curative power is fully endorsed by the Medical Profession.

4. Correct treatment is always prescribed by our Medical Adviser. (British) who has had twentyfive years experience in the treatment of private and other ailments

3. No remedy is harmful in any way, but possess immediate curative power to cure thoroughly and permanently.

6. Treatment is supplied under our guarantee of success. If a cure is not effected, the full cost will be refunded. There is no empty guarantee, but strictly bonafide one.

[illegible]

Edited and Published by C. W. Heath. (British) on behalf of Bergeret Laboratories (India) Ltd. Post Box No. 143. Broadway Madras. Printed by D. Rathnavelu at Sri Bharathi Press, 1/19, Alsther Subramania Achari Street, Choolal Madras.