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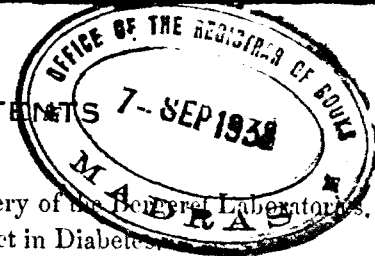
S MEDICAL SCIENCE

VOL. 1.

A MONTHLY JOURNAL ON MEDICAL MATTERS

No. 6.

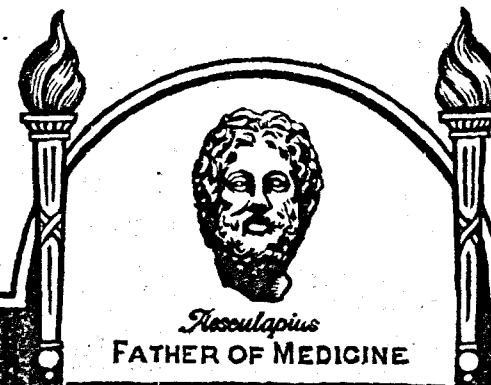
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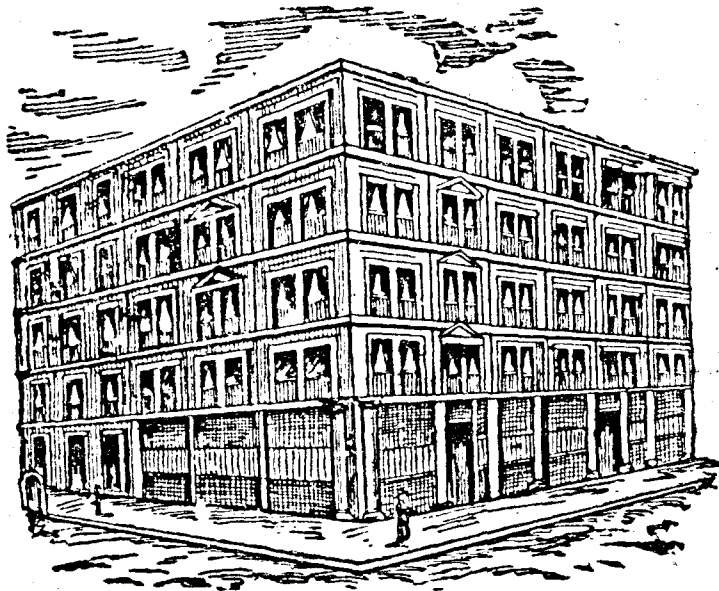
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1938.



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FOREWORD



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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.

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IF A CURE IS NOT EFFECTED—WE KEEP TO IT.**

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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.

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

MEDICAL SCIENCE

VOL. 1.

AUGUST 1938.

No. 6.

Death can be Conquered?

Dr. Hyman's Invention of an
Ingenuous device to Resuscitate the Dead.

(By H. M. Robinson.)

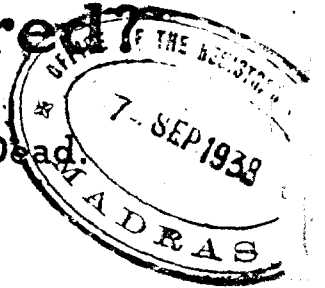
No procedure in modern medicine has aroused more controversy than the attempt to revive the dead by reactivating the heart that has stopped beating. Hailed on the one hand as a miracle of science, and on the other as a useless, dangerous and even sacrilegious operation, the "intracardial therapy" technique of resuscitation occupies a stage of excited debate. Pivoting upon the basic human elements of life and death, and piercing close to the shadowy secrets of both, the latest developments in this field of medicine is being eagerly evaluated by layman and physician alike.

Can human beings, pronounced "dead" by attending physicians, be brought back to life? Dr. Albert S. Hyman, inventor of the artificial heart-pacer, believes—and has dramatically demonstrated—that they can. He has proved that even prolonged cessation of the heartbeat does not always constitute death, and that dozens of persons given up for dead by relatives and physicians have been re-animated by the use of the "new electrical heart-pacer, sometimes called the "life flashlight" This miracle working instru-

ment is on longer in the experimental stage; its triumphs, already substantial and well-authenticated, suggest widening implications—legal, medical, and human—as new evidences of its reliability and varied usefulness constantly occur.

What principle underlies this ingenious device used in resuscitating the dead? Quite simply, the artificial heart-pacer is an electrical apparatus capable of producing a current identical with the electric energy ordinarily generated by the heart itself. It must be understood that the normal heart-beat is prompted by a tiny electric current which sweeps across the heart regularly at the average rate of seventy-two times a minute, causing the heart muscles to contract as the result of this stimulation. The group of cells which develops this electric current is located in the wall of the heart's upper chamber; it is known to physiologists as the Sinus node, but if we term it the "pacemaker of the heart" its function will be better understood.

About ten years ago Dr. Hyman began to suspect that a stopped human heart would resume its normal beating if stimulated by an electric current



similar to that generated by the heart's own pacemaker. In a series of experiments he discovered the exact type of electricity needed, and found that 1-1,000th of a volt was sufficient.

His next problem was how to deliver this current to the little group of electrical cells that motivates the heart's activity. Dr. Hyman chose for this purpose a 19-gauge gold injecting needle, about four and one-half inches long. In the tube of this needle he placed two electrodes barely 1-100th of an inch apart, connected these with his tiny generator, and was now prepared to thrust the life-bearing current of electricity deep into the Sinus node. He believed that this artificial impulse would sweep over the organ along accustomed pathways, and that by repeating this wave of excitation he could awaken the pulsations of the moribund heart.

Trial of Guinea Pig.

But before this device could be used on human beings, the guinea pigs had to be called in. A large guinea pig was "killed" by mechanical asphyxiation. All respiratory movements ceased in 110 seconds; seventy seconds later no heart sounds could be detected. Dr. Hyman permitted 120 seconds more to elapse, and the animal—according to all medical tests and knowledge—was dead.

At this point the pacemaker needle was inserted into the right ventricle; the initial needle-prick caused a convulsive beat, and then for thirty seconds all was quiet again in the dark chambers of the guinea pig's heart. Dr. Hyman now turned on the apparatus, setting it at sixty-four beats per minute. The heart started pumping, and blood swept through the animal's arteries. At the end of sixty seconds the needle was withdrawn. By this time the guinea pig's heart was pumping regularly and soon

the animal was nibbling lettuce leaves, unaware that he had just been called back from the bourne whence no traveller is supposed to return. This experiment was repeated many times on other guinea pigs, rabbits and dogs; These animals, deader than the proverbial door nail, were all resuscitated by the artificial pacemaker and lived to tell the tale to their grand-litters.

Dead Man Back to Life.

Sufficient evidence had now been obtained from laboratory animals, and the resuscitator was ready for a trial on human beings. It was decided to use it at first only on patients who had been pronounced dead and who resisted all other methods of revivification.

The first case presented itself under abrupt auspices: a middleaged man, suffering from pneumonia, developed empyema and was taken to a hospital to have the pus drained from his pleural cavity. As frequently happens after this operation, his heart "went into a flutter" from which it did not recover. The surgeons struggled to save him by injecting adrenaline but their attempts were unavailing and the heart stopped. After five minutes the physicians abandoned hope of reviving the patient and resignedly gave the signal to start clearing up the operating room. Preparations were being made to remove the body when another suggested; "Why not use the machine downstairs?" The machine was the new heartpacer; Dr. Hyman was experimenting with it on some animals. He was summoned and arrived eight minutes after the patient had been pronounced dead. Taking the same aseptic precautions observed in any surgical operation, Dr. Hyman plunged the gold needle (the same one he had used on the guinea pig) into the interspace of the dead man's third and fourth ribs, on the right side of the

SCIENCE

breast bone, thus penetrating the stilled heart to its nodal core. As if by magic the dead heart commenced to beat, the colour returned to the patient's face, and he manifested all the signs of being very much alive. He was indeed alive, and remained so for several days. But the pneumonia had fatally weakened him and he succumbed at last to this disease.

Good Results.

In the course of the next months, Dr. Hyman employed his apparatus on several cases of cardiac arrest with gratifying results. Persons "dead" from asphyxiation, drowning and various forms of heart-failure were restored to life. Gradually Dr. Hyman discovered that the heart has two stages of death: the first, lasting for ninety seconds, during which period it can be revived by pricking it with the needle of the heart-pacer; after the first ninety seconds there develops in the dying heart a second period lasting up to fifteen minutes, during which reactivation may be possible. Before Dr. Hyman's findings were made, most physiologists maintained that eight minutes was the longest period that could elapse after cardiac arrest before the delicate tissues of the heart and brain are destroyed. Hyman has shown however, that fourteen, and even twenty minutes can elapse before these tissues irrevocably perish. Reactivation of the dying heart depends also on the state of the heart prior to its stopping. Hearts succumbing to chronic cardiac disorders, or degenerative diseases such as tuberculosis and bright's diseases are quite frankly not the best proving grounds for the heart-pacer. But when

an otherwise normal person suffers shock or injury resulting in cardiac arrest, or when the heart of a patient undergoing a surgical operation suddenly stops, the artificial pace-maker is seen at its best. If it were possible to select only this type of subject for resuscitation, the record of Dr. Hyman's heart pacer would indeed be a striking one. As the figures stand to-day the "life flashlight" obtains favourable results in one out of every four attempts.

The mechanical development of the heart-pacer is a story in itself. Originally it was a large and complicated piece of laboratory equipment weighing ninety pounds and taking up as much space as a kitchen table; its approximate cost was \$ 12,000. In 1931 the machine had been reduced to the size of a small suit case and weighed only forty pounds. Three years later a model was devised no bigger than a cigar box. Finally, in 1936, Dr. Hyman perfected a pace-maker which is only six inches long and weighs less than a pound. This model is small enough to fit in a coat pocket yet it can reproduce all the electrical stimulating phenomena of the original machine. Its cost will be about \$ 50, but distribution is a non-commercial project, largely the private philanthropy of Jacob Wirkin, Chairman of the Executive Committee of the Wirkin Foundation for the Study and Prevention of Heart Disease. It is the intention of the committee to present these machines to approved hospitals without charge. When this has been accomplished, there will be an opportunity for other institutions and physicians in general to secure the artificial pacemaker at a small cost.

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THE GREAT SCIENTIFIC DISCOVERY, OF THE BERGERET LABORATORIES.

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Progress in clinical medicine is available to thousands. Moreover, the dependent on progress in the ancillary sciences, physiology, pharmacology, etc., new discoveries in pure science are the stuff on which clinical progress feeds. But between the discovery in pure science and its application to medicine, there must be an investigator. He may be a physician, a chemist, a bacteriologist; but, whoever or whatever he is, he must see the necessity of applying scientifically-established facts to human needs.

When a clinical application has been found for a scientific discovery, the work has just begun. A method must be worked out by which a chemical process or a biological technique employed in the experimental laboratory can be applied in production operations. And a practical method of clinical administration must be worked out, for an effective remedy cannot be reserved for a few selected patients—it must be made

first crude product, perhaps eagerly sought because of the imperative need for it, must be improved and refined so that its efficacy may be increased and its field of usefulness broadened.

The Discovery of Endophon.

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 Le Clerc'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.

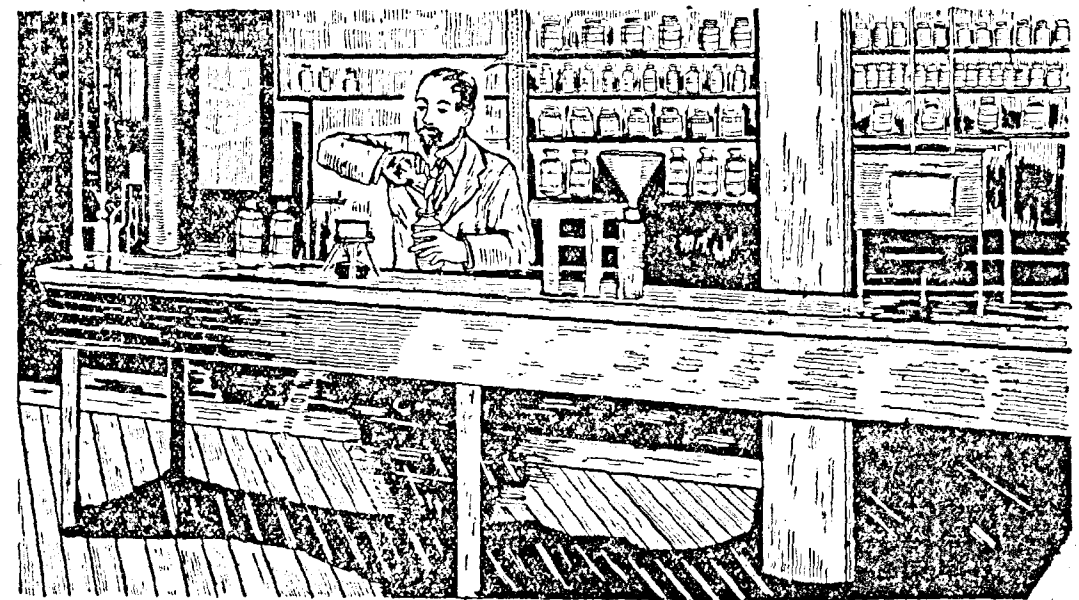
Reported in Eighteen Medical Papers.

A striking example of the achievements of the Bergeret Laboratories is illustrated in the work which led to the discovery of **ENDOPHON**. The course of this work was reported in eighteen medical papers.

Policy of the Bergeret Laboratories.

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product to the world until it has been first subjected to the most exhaustive tests. Therefore; you may be sure that not only has a Bergeret Product been standardised, and made to conform to the highest degree of purity, and that the utmost demands of science have been utilized in its manufacture, but also that its therapeutic value has been demonstrated beyond any question of doubt.



Chemist at work at the Bergeret Laboratories.

The Great Criterion.

ENDOPHON is made in Capsule form—the great criterion in curative value, as the freshness and potency of the vital gland substances is preserved. There is no deterioration. Available in two kinds, No. 1 for partial impotence and No. 2 for Complete Impotence and Sterility.

Sole Agents:—THE ANGLO—FRENCH MEDICAL AGENCY.

Infection of the Urinary Tract in Diabetes.

It has long been known that the diabetic is peculiarly prone to develop "skin infection." This embraces boils, carbuncles, subcutaneous abscesses and infections associated with peripheral gangrene. Now come Sharkey and Root (*J. A. M. A.*, June 22, 1935) who point out the marked predisposition of the diabetic towards infections of the urinary tract. This is especially true in uncontrolled or inadequately controlled diabetics. The striking feature is the presence of a severe kidney or bladder infection in cases of diabetes of relatively short duration. The increased susceptibility to infection (skin as well as genito-urinary) must originate soon after the inception of this metabolic-endocrine disease.

In 74 per cent of their 35 cases the infection was hematogenous in origin. Virulent staphylococci and streptococci were found in the blood. In ward cases, ascending infection (colon bacillus) is more common.

Even with extensive urinary tract infection there may be a paucity of symptoms. Ketonuria seems to have a sedative action on the bladder mucosa. This ketosis-acidosis and anesthesia so common in diabetes may explain the lack of genito-urinary symptoms.

Unexplained fever in their diabetic patients has led to the discovery of "silent urinary tract infection" by repeated microscopic examination of the urine, which should be made at least once a week. This will make genito-urinary tract infection in diabetes early recognized.

Urinary tract infection in diabetics tends to chronicity and to recurrences. Acute exacerbations are unfortunate features in some cases of diabetes.

With the exception of the emergency of acute retention they refrain from catheterization for fear of urinary tract infection.

To combat such infection one must first get the diabetes under control. Then, if possible, the source infection should be eliminated. A skilled urologist should be consulted to examine the G. U tract to localize the source of infection and if found to treat it. A ketogenic diet is highly efficacious because the ketonuria induced exerts a bacteriostatic and bactericidal effect on certain species of bacteria in the urine, especially *B. coli*. This is the basis of the treatment of urinary tract infection by ketonuria.

Meat-and-Potatoes Diet Receives Medical OK

The combination of meat and potatoes at the same meal was given the stamp of scientific approval at the meeting of the American Medical Association. The dictum put forward by some food faddists that proteins such as meat, and carbohydrates such as potatoes and sweets should not be eaten at the same meal was called incorrect, dangerous and lacking in scientific justification.

Experiments on patients in a hospital showing that even chronic invalids could properly digest the combination of meat and potatoes were reported by Dr. Martin Rehffuss of Philadelphia. The patients were sufferers from stomach, heart, kidney, liver, or lung diseases and infections. The average time their stomachs required to digest a meal of Hamburg steak alone was three hours and fifty-one minutes. A meal of Hamburg steak and an equal amount of mashed potatoes required three hours and fifty four minutes. When butter was added to the potatoes and meat another eight minutes was required for the stomach to do its job.

"There is no evidence either in scientific literature or our investigations to lead us to believe that proteins and carbohydrates are incompatible in the stomach," Dr. Rehffuss declared.

It may be true many persons overeat and would be better off with less carbohydrate in their diet, Dr. Rehffuss observed. But the teaching that these two classes of foods cannot be eaten together is dangerous because it may lead to serious undernourishment and lighting up of tuberculosis and other old infections.—*Science News-Letter*.

Test Tube Replaces Cow in Vaccine Production.

Accidents following smallpox vaccinations will probably be fewer in number as a result of a new method of producing the vaccine just announced by Dr. Thomas M. Rivers of the Rockefeller Institute for Medical Research. Instead of growing the virus for the vaccine in cows, Dr. Rivers and associates have found a way of growing it on living cells in a test tube. This insures a product free from contaminating organisms which has occasionally been a source of trouble in the past.—*Science News-Letter*.

Rickets Tendency Shown to be Hereditary

Rickets can "run in the family," it appears from experiments reported here before the meeting of the National Academy of Sciences, by Drs. G. L. Streeter, E. A. Park and Deborah Jackson of the Carnegie Institution of Washington.

It is not the disease itself that is inherited, but the tendency to develop it if the diet is lacking in vitamin D and is defective in other respects during a critical period of early growth.

Dr. Streeter and his associate fed young rats on such a rickets-producing diet as soon as they were weaned. After three weeks on the deficient diet the animals were X-rayed, to show how far rickets had developed, and were then returned to normal diet. At four months of age they were bred.

By mating susceptibles with susceptibles, after 14 generations a strain of rats was produced which, though it resembled the non-susceptible rats in every other respect, showed a consistent, high hereditary tendency to develop it, while the other rats showed a greater degree of resistance.—*Science News-Letter*.

Carbohydrate and Protein on Gastric Recreation

According to Harry Shay (*Journ. Digest. Dis. and Nutrit.*) some diet faddists have promulgated the idea that stomach secretions and digestion are unfavorably influenced by a mixed carbohydrate and Protein diet. This idea is based on the fact that proteins require digestion whereas carbohydrates need an alkaline medium.

Shay and his co-workers studied five people free from organic gastro-intestinal disease, by repeated fractional gastric analyses following meals of distilled water, a pure carbohydrate, a pure protein and a mixture of these two.

They conclude that a mixture of carbohydrate and protein in the diet does not in any way interfere with gastric secretion and stomach is prolonged and encouraged by a mixture with protein.

Peppermints After Meals

The popular custom of offering guests peppermint candy or peppermint cordials after a heavy meal has scientific support in the findings of four Chicago physicians Drs. H. I. Sapoznik, R. A. Arens, Jacob Meyer, and Heinrich Necheles.

Tests made both on dogs and on human beings showed that the oil of peppermint that is present on peppermint candy has a decided motor action on the stomach. Digestion is speeded up, and the stomach empties an hour faster. The peppermint is particularly useful after a meal with a high fat content, making the person's stomach feel less full and distended.—*J. A. M. A.*

International Serum Center is Established

The Royal Danish Serum Institute at Copenhagen will become a sort of international clearing house for serums used in treating or preventing disease, as a result of action taken by the eleventh Congress of Biological Standardization held in connection with the League of Nations Hygiene Congress.

The Danish Institute has been appointed the international center for preparation and standardization of serum for such diseases as dysentery, lockjaw, diphtheria, pneumonia wound fever.

London will similarly become the international center for vitamins, insulin and the hormones

International standard for the preparation and composition of the medicaments to be distributed from Copenhagen and London have been agreed on by the Congress.—*Science News-Letter*.

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Did You Bill the Author?

"Why did you tear the back part out of that new book?" asked the long-suffering wife of the absent-minded doctor.

"Excuse me, dear," said the famous surgeon. "the part you speak of was labelled 'appendix' and I took it out without thinking."—*London Standard*.

Scotch Doctor's Truth Serum.

An Edinburgh doctor has just discovered a drug that compels those who take it to tell the truth.

The doctor has already conducted numerous experiments with it, and he has found that it not only makes criminals own up, but solves many cases of loss of memory, removes domestic misunderstandings, and assists scientists

in their researches into the subconscious mind.

Patients who submitted to the tests revealed, during unconsciousness facts which they would not dare to utter in normal circumstances.

This discovery seems to go one better than the "Truth Serum" which was described in a recent article.

NOTICE.

The remedies listed herein have been carefully chosen from different manufacturers in France and England by our **Pharmaceutical Expert, Dr. J. F. De Vaux. (Paris)** prior to our acceptance of the Agency, and represent in their perfection the accumulated experience of many years of Scientific Research and Experiment. Considerable care and attention has been devoted by our Expert in the testing and selection of them. Thus, all remedies for which we are the Agents can be relied upon as Absolutely Genuine. Our Slogan "**The Choice of the Expert**" was earned by this careful selection of remedies.

Furthermore, their remarkable curative excellence is in a great measure due to **FRESHNESS**, as fresh stocks are received every month from our Head Office. The majority of pharmaceutical preparations sold in this country are **Old Stock**, and consequently, of no curative value.

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Unlike other Chlorodynes on the Market, "Dr. Stanley Willsons," contain no Schedule Poison; therefore does not produce the drug habit, and may be taken with perfect safety by young and old.

Invaluable for Asthma, Shortness of Breath, Cough, Colds, Bronchitis, Stomach troubles, Indigestion, Diarrhoea, Malaria, Fevers, etc.
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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 is especially good for those symptoms of "Hereditary Impurities" in the blood.

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BLOOD
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PENETRATING

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ALL REMOVED



CLEAR, HEALTHY
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CURED



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GUARANTEED TO CURE:—Pimples, Freckles, Copper Patches, Blotches, 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.

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SCIENCE

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(They are genuine and unsolicited; and are only a few of the many hundreds received during the past five years.)

Mr. E. Gibson. 3, Bath Island Road, Karachi. (writes) "My face, neck and ears was covered with Pimples. I had tried ointments, balms, lotions, and other remedies too numerous to mention, without more than temporary benefit. A friend advised me to try **Galaxin** and I am glad I followed his advice. My pimples have all disappeared now."

Arthur Humphreys, Esq. 28, Anderson St. Calcutta. (writes) "I suffered for many years from Chronic Eczema and had almost given up hope of being cured when I came across your catalogue. I have altogether taken 15 bottles of your famous remedy "**Galaxin**" and take pleasure to inform you that I am now completely cured. You may use this letter as you like, for I would like others to get the benefit of this excellent preparation as I have....."



By Permission.

AN OPEN LETTER TO THE PUBLIC

Dear Sir / Madam,

What can be more disappointing than a worthless product—apart from the monetary loss?

The products for which we are Sole Agents are **GENUINE**—selected from different manufacturers—and represent the **BEST** that Medical Science have produced. This, we feel confident in stating, as before accepting each Agency, we have obtained from the manufacturers authentic evidence of the curative efficacy of each product—numerous testimonials and published opinions by Doctors. Moreover, we have used each product on many cases with convincing success.

The reputation and good-will of a firm is based on the goods it sells. We have complete confidence in the goods we advertise, as our business maxim is **not** to stock anything that is unsatisfactory in the slightest degree. We reject agencies for products that do not come up to our high standard of efficacy.

If you should require anything Medical, obtain it from us—it's **GUARANTEED**—and will give you the satisfaction you naturally expect.

Sincerely yours,
The Anglo-French Medical Agency.

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DEVELOPMENT.
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- (3) It is regularly used by many Doctors, and in the Curtius Clinic for Private Diseases. (Hamburg)
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ENDOPHON is a true physiological restorative in lowered virility of functional organ, being prepared from fresh Glandular Substances, obtained from the glands of healthy bulls. It supplies the enfeebled, worn out glands of the sexual organ with those essential restorative Substances, with the result that Impotence is soon replaced with **Perfect Virility**.

ENDOPHON changes a Weak Impotent man, lacking Manly Power and Competence, into a Virile Man, with full sexual Vigour and ability.

Those men who are **sexually weak** and cannot have a proper union, should take **ENDOPHON**. It is 'different' to other preparations for Impotence, as it does not give mere temporary benefit, but **cures permanently**, by its direct restorative action on the sexual organ. **PREMATURE EJACULATION** gives place to perfect *normal* union with ejaculation occurring *after-not before* full indulgence. **FEEBLE PARTIAL ERECTION** is replaced with erection, full and regular and **COMPLETE IMPOTENCE** is replaced with natural "feeling" and full ability. **ENDOPHON** creates a healthy, sexual system.

WE STOCK ONLY GENUINE REMEDIES

SCIENCE

"THE CHOICE OF THE EXPERT" READ WHAT CURED PATIENTS SAY.

Lt. E. D. S. (Karachi). writes:—"Sincere thanks for your glandular treatment. It has proved entirely successful."

Mr. R. C. P. (Rangoon) writes:—"The **Endophon** treatment has cured me completely of Partial Impotence that I was suffering from for the last three years."

Mr. D. F. (Allahabad). writes:—"Nine bottles of **Endophon No. 1.** cured me of Partial Impotence."

Endophon is not similar to Dr. M. Stopes Prescriptions for Impotence, which have been proved only partially effective,—but of a new and improved formula, and 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 imitations (Pluriglandular, etc.) are now being advertised, under various trade names.

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

Manufactured by **THE BERGERET LABORATORIES, FRANCE**, 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.

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 Partial Impotence, ie, (Premature Ejaculation-Feeble Erection) is four months, comprising 20 bottles, and the cost, if ordered at a time is Rs. 120/-only. A reduction of Rs. 14/-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 175/-only.

If, after taking treatment for the complete course, a cure is not effected, we will refund your money in full. This guarantee is bona-fide.

ORDER TO-DAY A COMPLETE COURSE
— AND OBTAIN A PERMANENT CURE. —

NOT WORTHLESS 'QUACKS'

MEDICAL

THE CHOICE OF THE EXPERT

CURES - GONORRHOEA

A TRIUMPH OF FRENCH SCIENTIFIC RESEARCH

CURES QUICKER THAN ANY OTHER REMEDY

QUICKLY & PERMANENTLY

THE SEARCHLIGHT OF SCIENCE HAS DISPERSED THE MIST OF UNCERTAINTY COVERING A RADICAL CURE FOR "G" BY CAREFUL SCIENTIFIC RESEARCH AND NUMEROUS EXPERIMENTS.

"505"—the renowned treatment for 'G' is the ultimate result of *five hundred and five experiments* on patients suffering from the disease, hence its name.

"505" is a perfect, highly-efficacious treatment for 'G' and **never fails to cure the most chronic case**. It is used by many doctors, and in Government Hospitals in France, Belgium and Austria, a proof of its remarkable curative efficacy.

Don't be persuaded to try other inferior, abortive remedies, which instead of effecting a cure, only aggravate the disease, leaving a troublesome 'Gleet' behind,—but start treatment with "505" (Mixture & Injection) to-day. This **time-tried** remedy will quickly stop the discharge, remove all pain and irritation and totally eradicate the disease from the system.

"505" annihilates the demon *Gonococcus* permanently, leaving you clean and healthy, and after marriage or at any time, the disease will not re-appear. This, no other treatment can do. They only temporarily suppress the disease.

THE TREATMENT COMPRISES.

"505" MIXTURE.	Male or female Syringe	"505" INJECTION
1 bottle Rs. 4 8 0.	(For Injection) Rs. 1 8 0	1 bottle Rs. 4 8 0.
3 bottles of each "505" Mixture and Injection.....Rs. 22 0 0		
6 bottles of each "505" Mixture and Injection.....Rs. 40 0 0		

Tel. Code "Zabin" (for Mixture)
Tel. Code "Zabif" (for Injection)

BUY A 'HAND PICKED' REMEDY—THE CHOICE OF OUR EXPERT.

SCIENCE

THE CHOICE OF THE EXPERT

Your Deadly Enemy
is
Gonorrhea

Destroy it with the finest treatment evolved by Science — "505" Mixture and Injection.

Medical Science is truly marvellous, but in no way is it more evident than in "505" Mixture and Injection. Its phenomenal success has astonished members of the Medical Profession when tried on many cases that were considered practically incurable.

A LETTER FROM A FRENCH DOCTOR.

Dr. Henri St Just. St. Just Nursing Home. 143, Rue Bonnard, Paris. (France.)

"I used "505" remedy on those of my patients suffering from Gonorrhea, and am glad to inform you that the result was more than satisfactory, so much so, that about 20 patients have been discharged as cured, and the remainder are progressing very well. I strongly recommend the use of "505" as a permanent cure for Gonorrhea."

Read What Cured Patients Say.

Mr. ——— (writes). "Shortly after writing my last letter, the pain in the—stopped and everything assumed normal conditions. I thank you once again for your very kind attention and advice and service....."

Mr. ——— (writes). "I had an attack of 'G' and swallowed a wagon load of medicines, enough to purify India, but without success. I may as well try your "505" as I have tried so many others, so please send me the full course....."

AFTER THREE MONTHS.

"Your "505" has proved successful. My sincere thanks....."
(Gon. Cure No. 1098).

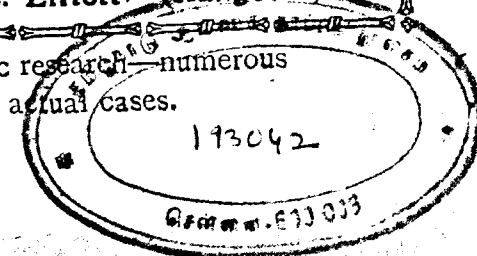
EXTRACT FROM A LETTER OF PRAISE RECEIVED FROM A DOCTOR.

THE ANGLO-FRENCH MEDICAL AGENCY;

GENTLEMEN: It is with great pleasure that I take this opportunity to express my appreciation of the fine products you stock. I have used many of them with remarkable success. In these days, it is indeed hard to choose a good product from the numbers with which the market is cluttered—

Dr. S. C. Elliott. (Rangoon)

These remedies represent careful scientific research—numerous experiments and practical tests on actual cases.

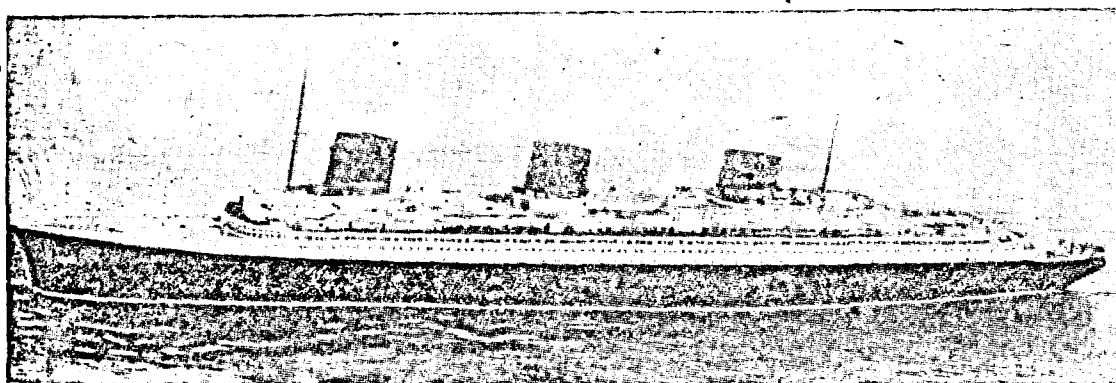


MEDICAL

"THE CHOICE OF THE EXPERT"

FAMOUS FRENCH LINER

'NORMANDIE'—Winner of the Blue Riband of the Atlantic.



FAMOUS FRENCH REMEDY

RENNARD'S Female MIXTURE—Powerful.....Effective.....Safe.

REMEMBER, please—other preparations may be and look somewhat like Rennard's Mixture,—but Rennard's Mixture is quite different and will always be different.

Even the most cunning imitations cannot equal its smoothness, power and quickness in action.

It is this pharmaceutical perfection, this high standard of excellence, that sets Rennard's Mixture apart from all others,—has made it marvellously effective where others dismally fail.

Rely on Rennard's Mixture always—because to try another preparation in preference may mean the difference between failure and success. You are entitled to a good product for your money—the achievement of Dr Emile Rennard.

Rennard's Mixture is an ORIGINAL, EXCLUSIVE product.

Price per bottle Rs. 30/- Tel. Code "Royal"

Rennard's Female Mixture is the ANSWER!

SCIENCE

"THE CHOICE OF THE EXPERT"

WHIRLING SPRAYS.



(British Make).

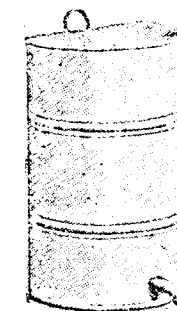
An excellent vaginal flushing out apparatus for Ladies with forward and reverse current. Simple to use Guaranteed to last for two years. Price Rs. 6 Each.

CALOMEL OINTMENT.

For prevention of venereal disease. Recommended for use with rubber preventatives.

1 bot. Rs. 2.

3 bots. Rs. 5.



DOUCHE SETS.

Best quality. All metal. 3 pints. Complete with rubber tubing, stop cock, rectum and vagina pipe to plug on.

Price Rs. 6-8 each.

(Postage Extra)

The Wife's Friend

"RENNARD'S"

Double Strength

Chinosol Soluble Pessaries.

An Excellent method of Birth Control.

Price per box (12 Pessaries) Rs. 2-8.

3 boxes. Rs. 7.

Rexol Anti-Sensitive Solution.

Prevents Premature ejaculation by removing excessive sensitiveness. It is not drastic, but gentle and sure in its action.

A BRITISH PRODUCT:—1 bottle Rs. 2-8-0 3 bottles Rs. 7-0-0 6 bottles Rs. 12-0-0

LA PAREE

Virility Oil.

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 by E. Rollet et Cie, Marseilles, France.

Price per bottle of 4 ozs. Rs. 15-0-0 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 wonderful 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!

1 bot. Rs. 3-8 3 bots. Rs. 9-0 6 bots. Rs. 17-0

Testimonial.

Mr. E. F. 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. 5-8 per bottle,

(Extra Strong). Rs. 9-8 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. More powerful than De Vecin Capsules.

A British Product.

Made by Robert Ferber, Ltd. (London).

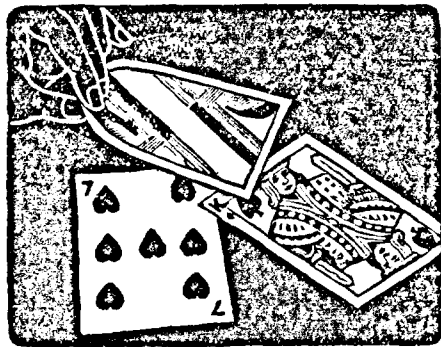
Sold in phials.

Rs. 12-8 a phial.

WE STOCK ONLY GENUINE REMEDIES.

MEDICAL

"THE CHOICE OF THE EXPERT"



CHANCE PLAYS NO PART IN THE ACTION OF RENNARD'S MIXTURE

Scientifically prepared to the formula of **Dr. Emile Rennard**, it assures quick relief always, without injurious effects.

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

There is nothing else to equal **Rennard's Mixture**. Many imitations are now sold, but there are important differences.

Rennard's Mixture is **QUITE SAFE** to take. Furthermore, it is Non-Purgative. Nor does it cause Nausea or impair appetite.

NOTE:—The latest time that **Rennard's Mixture** can be taken with Success is two months over-due. After this time, it should not be taken as success is doubtful. If taken in time, it **CANNOT FAIL**.

THE NEW FRENCH PREPARATION FOR IRREGULARITIES.

The price of Rennard's Mixture is due to the high Customs Duty on French medicines, besides the very costly drugs used in its manufacture. However, it is infallible, if taken in time.

READ THIS CAREFULLY.

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

Price
Per Bottle
Rs. 30.

Tel: Code.
"ROYAL"

Mr. G. S. writes:—Please send immediately a bottle of Rennard's Female Mixture.....
Later.....

"All's well. But send me another bottle as a standby....."

Mr. Chas A. W. writes:—Kindly supply a bottle of Dr. Rennard's Female Mixture and I trust it will be as you claim....."

Later.....

'Everything O. K.

My sincere thanks....."

DEAL WITH A FIRM OF REPUTATION

SCIENCE

"THE CHOICE OF THE EXPERT"

Since the introduction and sale of Rennard's Female Mixture in this country, hundreds of testimonials have been received from grateful customers. We publish below a few of them. The names and addresses are not given for obvious reasons.

Gave Relief After Four Days.

Mrs. ——— (Delhi). "Your famous Mixture gave me relief after only four days treatment. You may rely on my orders in future"

Had Desired Effect Within a Week.

Mrs. ——— (Simla). "Rennard's Mixture had the desired effect within a week"

Acted Marvellously.

Mrs. ——— (Darjeeling). "Rennard's Female Mixture acted marvellously"

Wonderfully Efficacious.

Mr. ——— (Ceylon). writes:—"The Mixture was wonderfully efficacious and I obtained the desired effect"

Doubt Turned Into Joy and Relief

Mrs. ——— (Ambala). writes:—"It was with little faith that I decided to try a bottle of Rennard's Mixture. I thought it was one of those doubtful preparations which more often than not are ineffective, that I know to my cost. It was with joy and relief that I noticed its action this morning. I am now quite all right, and you may rest assured that I will place all future orders with you"

BEWARE OF IMITATIONS.

The advent of Rennard's Female Mixture and its immediate and amazing success have made it vulnerable to the onslaughts of imitators and substitute makers whose sole object is to steal the merit of an original, efficacious product.

Proved Best BY Every Test

URGENT, FAR-ADVANCED CASES.

The following treatment should be taken for Far-advanced cases:— One bottle of Rennard's Female Mixture in conjunction with two bottles of Renocal Pills No. 2, as directed. This is the Combined Treatment and is infallible. The telegraphic code word is "Combined".

AND GET VALUE FOR EVERY RUPEE SPENT.



MEDICAL HUMOUR

Laughter is a most healthful exertion and is one of the best medicines in the world.

Ducking the Stork

John, aged six, was told that he had to go to the hospital to have his tonsils removed, and his mother was bolstering up his moral. "I'll be brave and do just what you tell me, mother," he promised, "but I betcha one thing, they don't pull off no crying baby on me, like they did on you when you were in the hospital. I want a pup."

All Lit Up

Having been told that it was electricity that made his mother's hair snap when she combed it, Johnny bragged to a visitor: "We're a wonderful family, mother has electricity on her hair and grandma has gas on her stomach."

All Explained

Man (searching through house for his wife,—to the maid)—"Bridget, do you know anything concerning my wife's whereabouts?"

Bridget—"Yes, sir, I put them in the wash."

Easily Recognized

What kind of a store is that fellow over at Tick Ridge running?" asked a motorist.

"Well, he has Ford parts for sale," replied the attendant in the filling station at Ten Degrees. "buys butter, eggs and poultry, deals in real estate, paints houses, marries folks in his capacity as justice of the peace, runs the post office, sells stamps, hams, molasses, etc., and takes boarders upstairs."

"I reckon you'd call it a drug store."

Follow-Up System

The travelling man opened the telegram and read—"Twins arrived to-night, more by mail."

Nature's Method

An animal with a third eye located at the top of its head has been discovered. It is undoubtedly nature's method of providing the pedestrian with a defense against the coming of congested airplane traffic.

Hats Off

Customer—"Have you anything for gray hair?"

Conscientious Druggist—"Nothing but the greatest respect, sir."

OR The Doctor's Funnybone

Topics in Brief

(Literary Digest)

Another bit of faith that effects remarkable cures is faith in the doctor.

"Brake linings have been strengthened to endure modern strains." So, apparently, have stomach linings.

"To avoid trouble and insure safety, breathe through your nose," states a doctor. Yes, it keeps the mouth shut.

If any man thinks a changed spirit hasn't come over America since Prohibition, let him attempt to drink some of it.

A Scientist says the teeth of a gorilla are so deep set they can't be pulled, but we have an idea he doesn't know our dentist.

Even the weatherman is getting that way and occasionally talks dry and acts wet.

Among the ailments that are conveyed from dogs to man we note the inclusion of insomnia. Some people get it from the dog next door.

What the constitution has done to liquors is nothing compared to what bootleg liquor has done to constitutions.

The word "pitilacker" has been coined to describe a person who is cruel to animals. This will probably stop cruelty to animals just like the invention "scoldaw" stopped bootlegging.

"Do you know how to make a peach cordial?"

"Sure; send her some candy."

Deliver Us

Question: "Is life worth living?"

Answer: "It depends on the liver."

The doctor explains the matter to his patient in this way:

"You see, the liver influences the liver by producing bile that acts favorably or not upon the liver and thus determines whether the liver who has that liver finds life worth living. In other words, the liver eats food to nourish his liver and enable the liver of the liver to supply the liver who has the liver with liver secretion that acts on the liver, and if this action of liver upon the liver is correct, the liver who owns this liver is a joyful liver. That is, if the liver of the liver is a standard liver and the liver with the liver is a low liver, though not necessarily liver'ied or running a livery, this low liver's liver will afford deliverance from liver troubles of the liver that a high liver's liver would not deliver. Or you can put it this way: If the liver who owns the liver is not a high liver and eats but little liver and treats his liver well, his liver will deliver bile and the liver's liver delivered of liver products decides if the liver with this liver wishes to liver die."

SCIENCE

Gonorrhea—The Best Treatment

By A DOCTOR.

Gonorrhea is on the increase. In which though thin and mucoid in the fact, the latest world statistics suggest beginning, soon becomes thick and that four out of five persons in capitals, yellow. There is sometimes a dragging like London and New York are stricken pain in the back and some slight constitutional disturbances such as fever with the disease.

Gonorrhea is an infective process due to the action of a specific micro-organism known as Gonococcus. It is characterized by a discharge of pus through the urethra. The primary lesion is an acute catarrhal inflammation of the anterior portion of the urethra. It quickly runs to suppuration, and if neglected, it attacks the bladder and weakens it, causing bladder trouble, then the prostate gland, and passing through the sub-acute and acute stages, penetrates the circulation and organic parenchymata, producing complications like stricture, epididymitis, rheumatism, etc:

The symptoms of the disease usually start within 5 to 10 days after infection.

The patient may get some slight itching of the meatus and a burning sensation while passing urine. The lips of the meatus are congested and swollen. Gradually a serious discharge appears

Occasionally the swelling inside the urethra is so great, that there is an hindrance in the flow of urine and on exertion haemorrhage occurs. The first attack is always more troublesome than the subsequent ones, though it responds easier to treatment. When this disease reaches the chronic stage it needs prolonged treatment.

The best treatment in all cases of Gonorrhea is "505" Mixture and Injection. It is endorsed by the medical profession and widely used in hospitals and private clinics in France. The Injection soothes and heals the inflammation of the anterior portion of the urethra, and stops the discharge within a week. The Mixture, taken internally, removes symptoms such as pain, burning sensation after urination and eradicates the Gonococcus (Gonorrhea germs) from the system. The cure is complete and permanent.

SCIENCE

Glucose Therapy in Heart Failure.

In cases of advanced heartfailure, Smith and Luten (*The Amer. Heart J.*) summarize the comparative effects of glucose and digitalis. In most cases a 25 per cent solution of glucose was used. When 50 per cent are used they cause marked sweating and occasional thrombosis of the veins near the injection site.

In nine out of 16 cases thus treated dyspnea was partially relieved and sometimes with dramatic promptness, but the good effects lasted only from three to 12 hours. The effects of digitalis were more lasting.

Glucose did not restore compensation in any case. Digitalis restored compensation in three cases.

The initial injection glucose seemed to be more effective than subsequent injections. Insulin (5 to 10 units) given 15 minutes before the injection, had no apparent beneficial action.

Glucose therapy is recommended as an emergency measure in acute or urgent heart failure and in cases of advanced chronic heart failure in which adequate amounts of digitalis do not restore compensation.

Septic Sore Throat Traced to Raw Milk

Many cases of septic sore throat are directly attributable to drinking raw milk from infected cows. C. S. Bryan of the Michigan State Collage told the members of the Society of Bacteriologists and Pathologists and Allied Workers of Michigan, Indiana, and Ohio.

Investigation shows that as high as four-fifths of herds tested, which supplied one large city with milk, were infected. In some herds only one cow had streptococcic mastitis, but as high as 26 per cent were involved. These infected cattle constitute a grave menace to public health because of the contagiousness of the infection.

From the standpoint of the farmer these cattle are also of little value, the speaker pointed out, for such infected cattle produce 22 per cent less milk and their butter fat production is reduced 24 per cent.

Science.

Animal Blood Injections

In an effort to fight disease, animal blood is now being given to humans. Experiments in transfusion of blood from goats, bulls and hens into patients are being carried on by a number of Soviet scientists. The object of these transfusions is not to replace blood lost in accident or disease, as in the case of transfusions of human blood but to stimulate the body to a greater activity in fighting off disease.

Stomach ulcer, certain forms of rheumatism, various forms of blood poisoning and chronic anaemia are among the conditions which, it is claimed, may be helped by animal blood transfusion by the method of these Soviet scientists.

The blood from the animals is specially treated in order to make it safe for injection into the human patient's vein. In the case of the bulls blood, only the red cells are used, on the theory that the serum would be injurious.

This is the explanation given by Prof. Galpern, of the Dniepropetrovsk Medical Institute, who is said to have been the first to make experimental transfusions of large doses of animal blood to men. Similar transfusions have since been made by Prof. N. A. Dogoraz, of the the Rostov Medical Institute.

* *

Face the Sun

Don't hunt for trouble, but look for—success!
You'll find what you look for—don't look for distress!
If you see but your shadow remember, I pray,
That the sun is still shining, but you're in the way!
Don't grumble, don't bluster, don't dream and don't shirk,
Don't think of your worries but think of your work.
The worries will vanish, the work will be done—
No man sees his shadow who faces the sun.

A Shrine Recorder's Notes.

SCIENCE

Made the Dumb Speak

Doctors "Miracle" with Schoolchildren

A New world has been opened up for London's deaf and dumb children as a result of a series of experiments conducted by a woman physiologist, Dr. Phylis Kerridge. Linking pure science to medicine, she has taught them to hear and speak with the aid of electrical sound Magnification apparatus.

For the past year forty-eight boys and girls, all of them deaf from an early age so that the power of clear speech was denied them, have been.

They took their lessons in a class-room fitted with an amplifier, hearing for the first time in their lives through headphones, listening with delight to such commonplace sounds as the tolling of the school bell, music from gramophone records, and their teacher's voice. Many of them hearing their own halting, inarticulate speech for the first time were horrified.

They began to imitate the voices they heard through headphones—and their powers of speech gradually improved.

So, too, did their hearing. They began to mimic, recite and sing.

One little girl, deaf from infancy, came running, to school all smiles. That morning, for the first time in her life, she had heard the postman's knock at home.

Another boy recognised the sound of a motor-cycle engine outside the school, another said he thought the noises of paper tearing and money rattling were the nicest he had heard.

So, gradually this strange new world of sound has opened up for them, bringing, in the majority of cases, greatly improved speech and intelligence.

There are to-day in London alone nearly 500 deaf children. In other parts of the country there are between three and four thousand more.

Soon, as the result of Dr. Kerridge's experiments, they may be hearing and speaking for the first time.

Cured By Machinery!

And a man who breathed artificially for two years!

Hundreds of apparently drowned people have been brought back to life by the first-aid methods taught to all ambulance pupils. Administering this kind of aid is, however decidedly hard work, as anyone knows who has tried it for even ten minutes on end. Now a machine has been devised which does the work.

The patient is put to bed inside an airtight metal tank, his head projecting at one end through a closely fitting rubber collar. An electrically controlled pump attached to the tank works rhythmically, expanding and contracting the chest as in ordinary breathing.

A tank of very much the same kind is employed to save the lives of newly born babies suffering from asphyxia. In one case an infant did not begin to breathe naturally until it had been in the tank for a whole hour.

A man has actually been kept alive for more than two years by an artificial breathing machine. He suffered from a curious weakening of the chest muscles, so that breathing became more and more difficult until it began to cease altogether. The great chemist, Sir William Bragg, suggested a mechanical device, and a small hydraulic machine was devised which pumped air into a rubber bag fixed on the man's chest.

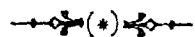
In 1933 Dr. Frank Eve, consulting physician to the Hull Royal Infirmary, rocked back to life a three-year-old child whose heart had almost ceased beating. He and others rocked her continually for two days and two nights, until her heart-beats became normal. Now Dr. Eve has produced a mechanical rocking machine.

The latest invention of the kind is a "fever machine" invented by a French doctor. The patient, wrapped in blankets on either side and, a powerful high-frequency current is passed through his body. The result is to cause tremendous perspiration, but without any of the discomfort of ordinary methods.

COPY OF
CERTIFICATE OF MERIT.

Awarded for ENDOPHON by the Institute of Science. Paris. France.

THE
INSTITUTE OF SCIENCE.



This is to Certify
That Endophon Glandular Extract
- a product of Bergeret Laboratories,
has been carefully tested and found
to possess remarkable curative efficacy
in the treatment of
IMPOTENCE

We strongly recommend it from a firm
conviction that it is the best remedy
and

from a sense of duty to the
Profession and Public.

Paris,

3rd April 1937.

Pierre De Sartines.

Director.



SOLD IN TWO KINDS.

Endophon No. 1. For Partial Impotence. (Premature Ejaculation—Feeble Erection.)
Endophon No. 2. For Complete Impotence and Sterility.

Prices: 1 bottle Rs. 7-8-0. 3 bottles Rs. 21. 6 bottles Rs. 40.
Telegraphic 3 bots. Endophon No. 1. 'Entrax' 6 bots. Endophon No. 1 'Entron'
Code. 3 bots. Endophon No. 2. 'Enjex' 6 bots. Endophon No. 2 'Enjexor'

**LATEST
TESTIMONIALS**

Mr. R. E. W. writes:-

"It was with a lot of doubt that I decided to undergo a course of Endophon No. 2. having tried so many remedies, without benefit. I have just completed the course and I am now quite all right. I can hardly realise it. My only regret is not knowing of this excellent product earlier....."

Mr. E. C. J. writes:-

"Your Endophon No. 1. is a great remedy. I am now perfectly normal. I must confess that I hardly expected this result and in three months, after experiencing so much disappointment in the past....."

Mr. H. L. writes:-

"I deeply regret that for many years I have committed — with the result that I am now suffering from Patrial Impotence. A friend advises your Endophon No. 1. and I would like to give it a trial. Please send....."

After Four Months.

"Endophon No. 1. is very good. It has cured me completely. Thanks."

DO YOU KNOW ???

About half of the brain abscesses result from chronic running ear.

A nearsighted child is likely to grow more so, with advancing age; but if he is given proper optical and hygienic care the nearsightedness can usually be kept to the minimum.

The tuberculosis death rate among unskilled workers in this country (U. S. A.) is nearly seven times as high as that among professional workers.

Tests show that even a clean glass will pick up 40,000 to 50,000 bacteria on its rim, if it is inverted on an unsterilized surface.

At birth the average baby weight is about seven pounds and measures 20 to 21 inches in length.

As long ago as 430 B. C. a Greek physician observed the injurious effects of dust on the lungs of workmen.

A check-up on the progress of babies prematurely born shows that they usually catch

up in development with other children, if they are healthy.

An anatomist points out that we use our teeth less than three hours a day, but that early man probably ate whenever he could and kept his teeth much busier.

Tuberculosis is believed rare among wild animals in their natural state; but a British scientist has found this disease in 134 field mice.

A method of filtering fluorine out of drinking water, at a cost of half a cent a gallon, is expected to help prevent the dental condition known as mottled enamel due to fluorine.

Using a hypodermic syringe, an entomologist is able to inject extremely tiny doses of poisoned foods into codling moth caterpillars, directly into the digestive tract, and thus he can test more accurately the effectiveness of various poison baits.

Apes like their own voices

Apes like hearing their own voices on the gramophone, it is stated in a report from the Asiatic Primate Expedition, the members of which are studying the life and character of the Asiatic antropoids of Siam, Borneo and Sumatra.

The gramophone recording of the language of the gibbon species of ape were made in the mountain forests of Northern Siam. They are claimed to be the first phonographic reproductions of ape voice.

The leader of the expedition declares that the gibbon responded immediately to the sound of its own "talk" played back to it. They chose this species because they regarded it as the "fiery ape in the evolution of mankind."

This Dog has Brains

The world's cleverest dog is claimed by Mr. Richard Davidson, of Nelson, British Columbia. Duke is his name, and he is a three-year-old Alsatian with a strain of Airedale.

He plays cards, picks out coins, and knows the names of 300 articles. When his master tells him to pick out any card from a pack laid out on the floor he never misses. Ordered to select a card to beat a king, he invariably pulls out an ace.

When night falls, Duke goes to his master's bedroom and brings his slippers. Then, he takes his boots away.

Tetanus Treatment a "Must" For Street Accident Victims

Tetanus antitoxin, the lockjaw preventive, should be given to every person injured in a street accident, even if the injury is only a small scratch or cut, physicians are reminded in a new warning by Dr. Eric C. Gilles of the Johns Hopkins University School of Hygiene and Public Health (J. A. M. A., August 14.)

The germ that causes tetanus was found in nearly one-fifth of 63 samples of dust collected on down-town streets in Baltimore, Dr. Gilles reported.

Hospitals have recently been called old-fashioned for adhering to the custom of giving the tetanus antitoxin to all persons scratched or cut. The practice could be abandoned, some physicians argued, because since the disappearance of horses from the streets of most cities, street dust probably would not harbor the tetanus germs. These germs, according to generally accepted theory, regularly inhabit the intestinal canal of man and other animals.

Tetanus germs, however, are widely distributed in street dust even at the present day, Dr. Gilles asserts on the basis of his findings. Hospitals are thus vindicated in adhering to their practice of giving the antitoxin to all cases of street injury.

The fear that some persons sensitive to the serum of the antitoxin may be made temporarily ill by it, is in Dr. Gilles' opinion, not sufficient justification for failing to give this preventive.—*Science News-Letter*.

The Injection Treatment of Hernia

According to Nathan N. Crohn (J. A. M. A., February 13, 1937) the only types of hernia which can be treated by the injection method are: (1) oblique hernias which are easily and completely reduced and which can be readily kept reduced by a suitable truss and (5) small, recurrent direct hernias.

The other requisites are that the surrounding tissues must be neither atrophic nor atonic. A truss must also be worn after the injection. The truss must be properly fitted and comfortable. In oblique hernias the pad must fit over the internal ring.

Crohn uses Larson's Technic (*Minnesota Med.*, December, 1934, p. 703) and the following formula:

Phenol.....40 parts
Alcohol (95 per cent).....35 parts
Oil of thuja.....25 parts
Dose: Not over 0.5 for any injection.

He reports no complications excepting a mild swelling of the scrotal contents which subsides in a few days.

It is therefore seen that the injection treatment is applicable only in selected cases.

Ultraviolet Light Promises Vaccine Against Rabies

A vaccine against rabies or hydrophobia, dread disease of dogs and other animals including man made with the aid of ultraviolet light seems a possibility, as a result of experiments reported by Drs. H. L. Hodes, G. I. Lavin and L. T. Webster of the Rockefeller Institute for Medical Research. (*Science*, November 12.)

Dr Webster has recently been trying to develop a more effective vaccine against rabies than the one now available. In the experiments reported it was possible, he and his associates found, to destroy the harmful quality of the rabies virus without destroying its ability when injected into mice to protect them against lethal doses of the disease causing virus.—*Science News-Letter*.

Seminal Vesiculitis

According to W. S. Augh (*The Urol. and Cutan. Rev.*, May, 1937) seminal vesiculitis occurs as a complication of gonorrhea just as frequently as epididymitis because there can be no epididymitis without previous infection of the vesicles. This dual complication occurs in 20 per cent. Therefore if only the swollen testicle receives attention the job will be only half done. The overlooked infected vesicles will cause symptoms which will erroneously be called "rheumatism", kidney disease, etc.

The inflamed vesicles can be palpated rectally above and projecting from each side of the prostate behind the bladder. When enlarged, they are usually felt as sausage- or cord-like masses.

Since the vesicles act as foci of infection it is reasonable to suppose that unrecognized infected vesicles may be the cause of uncured gonorrhea.

A diagnosis is made with the urethroscope. Pus emerging from the ejaculatory ducts looks like a "white ribbon." A diagnosis is also occasionally made by injecting the vesicles through the ejaculatory ducts (with an opaque medium) and taking a vesiculogram. **NOTE:—"505" Mixture** is a non-toxic and non-irritating balsamic and is excellent for gonorrhea and its complications. It is effective in all cases.

MEDICAL

Moving Pictures By X-Ray Camera

Doctors Study Cases in Slow Motion Film

An X-ray camera which will take moving pictures has been perfected by a Harley-Street radiologist.

It is now being used at the Nuffield Institute, Oxford.

The invention has taken a year to complete and test out.

It enables a doctor to take a fast-moving X-ray picture, and then slow it down so that he may study it in detail.

A series of pictures taken over a period of weeks can be joined up in to a "history" of a case.

Vitamin Verses.

In order to help people to know the value of the various vitamins, Mr. R. Adams Dutcher, a famous American scientist, recently decided to turn poet.

Below are verses from his "Vitamin Saga".

Vitamin A keeps the cold germs away
And tends to make meek people nervy.

B's what you need when you're going
to seed.

And C is specific in scurvy.

Vitamin D keeps the bones in your knee.

Tough and hard for the service on
Sunday.

While E makes hens scratch and increase
the hatch.

And brings in the profits on Monday.



**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**.

SALIX PILLS is scientifically and scrupulously prepared to cure this devastating disease. There is no remedy under the sun that cures so easily,

so effectively, and permanently as this marvellous preparation. It has a salutary effect from the very first dose.

Medical Men acknowledge **SALIX PILLS** as a genuine cure for Spermatorrhea. A trial will show you that it is no worthless remedy.—**A British Product.**

1 bot. Rs. 3-8-0 3 bots. Rs. 9-0-0 6 bots. Rs. 17-0-0

Read what a Cured Patient.

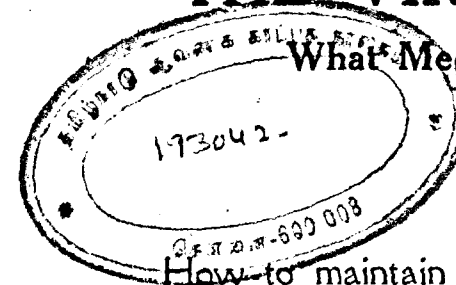
Mr. P. W. C. writes:—"For eight months I suffered from Spermatorrhea. Emissions took place four to six times a day. I lost weight, became thin and weak, and was unable to do much work. In fact, I was a perfect wreck. Six bottles of Salix Pills cured me. No emissions have occurred for three weeks, and I have gained 20 lbs. in weight." (Spermatorrhea Cure No. 392.)

SCIENCE

THE VIRILITY OF MANKIND

What Medical Science has accomplished.

By a Doctor.



How to maintain the virility of mankind? This knotty problem has engaged the attention of many famous scientists.

The chief causes of sexual weakness is the vicious habit of masturbation, sexual excesses, prolonged and frequent sexual excitement, which have been proved detrimental in the extreme. The sexual system is deprived of sufficient rest and recuperation and gradually loses its wonted energy. Other causes are excessive exercise, sedentary life, and excessive drinking.

Several attempts have been made to arrive at a formula which would bring about successful results. Commencing from the experiments of Brown Sequard in 1889 down to the recent findings of Dr. Serge Voronoff, the famous Russian Surgeon, it is a long history of laborious investigations by men of outstanding ability who dedicated their lives to the cause of medical progress and the alleviation of human misery.

The outcome of these extensive experiments and research established gland treatment by the mouth, as best and most rational in the cure of Sexual weakness.

A very important factor in successful gland treatment is **FRESHNESS** of the vital Gland Substances. It is necessary that they are prepared in gelatine capsule form, to ensure freshness and maximum curative efficacy. Gland Substances in tablet or liquid form quickly deteriorate and become inert and worthless.

* * *

ENDOPHON—a product of Bergeret Laboratories, France, is the finest Gland preparation on the market. It is made in **CAPSULE FORM** and sold in two different kinds, No. 1 for Partial Impotence, and No. 2 for Complete Impotence and Sterility.

MEDICAL

ENDOPHON

Glandular Extract (No. 1 & No. 2)

Made by Bergeret Laboratories

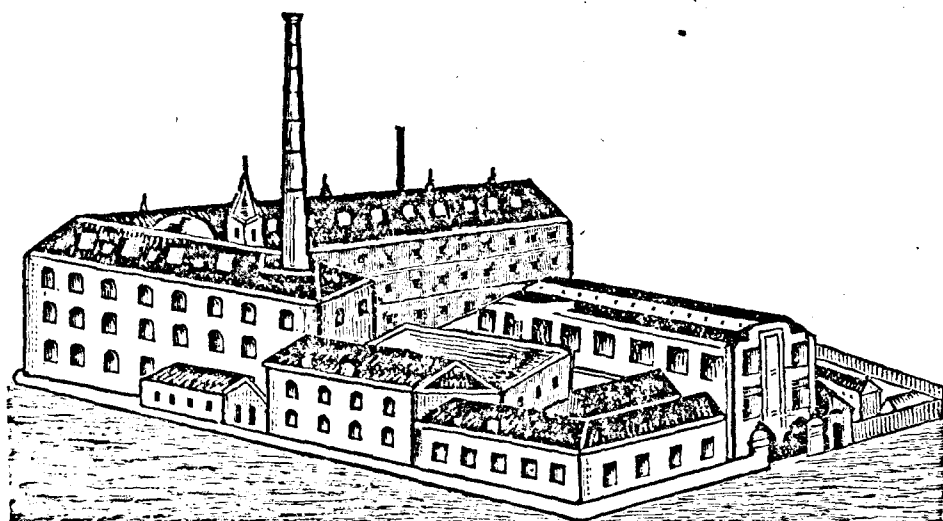
There is a saying: *A chain is no stronger than its weakest link.* Whether in the construction of a mouse trap or the manufacture of a pharmaceutical product, perfection can only be attained and maintained by zealous care and attention to every detail.

The chain of manufacture of the famous preparation "ENDOPHON" is perfect, one of the most important links being the careful selection of gland extracts that in quality and freshness equal the highest standard. This Great Scientific Remedy has met with astonishing success in the cure of sexual weakness.

"ENDOPHON" No. 1 is indicated in cases of Partial Impotence (Premature Ejaculation—Feeble Erection) and ENDOPHON No. 2 in Complete Impotence and Sterility.

WHERE ENDOPHON IS MANUFACTURED

(Pronounced 'END-O-FON')



BERGERET LABORATORIES.

Bordeaux. France. (Front view above)

The Gland Extracts used in the manufacture of ENDOPHON are absolutely Pure, Fresh and Standardised, all contaminating matter being removed.

ENDOPHON is manufactured by a delicate process, utterly new and original—every possible care being taken to preserve its curative efficacy and sealed in tasteless gelatine Capsules, immediately after manufacture. Thus, the slightest deterioration is eliminated.

ENDOPHON is a complete and perfect gland preparation and supplies the vital restorative substances necessary to rehabilitate the worn-out, enfeebled sexual system. It must not be confused with other gland preparations, to which it is far superior.

Sole Agents:—THE ANGLO-FRENCH MEDICAL AGENCY.

SCIENCE

Extract from commendatory article by Dr. Louis De Rochefort, published in the Journal of the French Medical Association. Jan. 1938.

"The gland préparation, Endophon, a product of the famous Bergeret Laboratories, is in my opinion a really genuine remedy and a positive cure for sexual weakness. It deserves full approbation and wider support....."

Extracts from commendatory letters received from the Medical Profession.

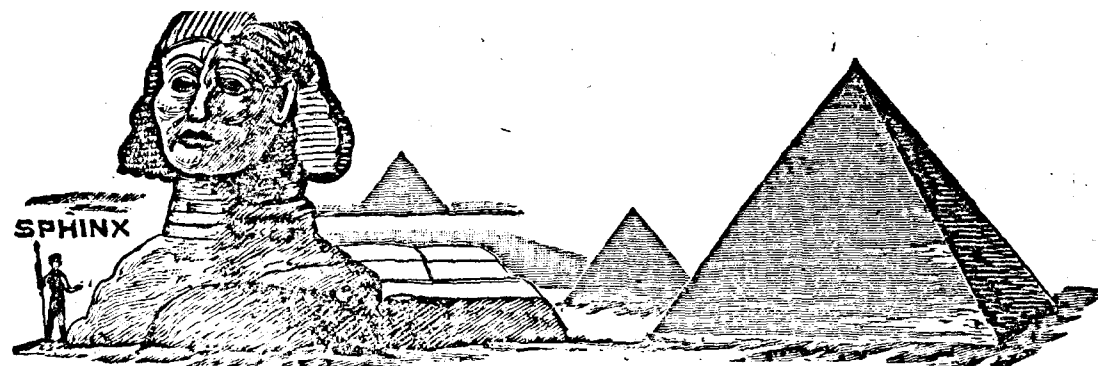
Dr. J. S. Vaucolles (Paris). "I take pleasure in certifying that Endophon is the finest remedy for Impotence and Sterility."

Dr. E. P. Maurillard (Bordeaux). "As a remedy for sexual weakness Endophon has no equal."

Prof: W. Curtius (Hamburg). "I have used Endophon on patients in my Clinic with great success. I further add, that it is immensely superior to similar preparations, having the vital gland substances in a concentrated form."

Dr. G. Beaupre (Brussels). "Science has taken a step forward in the discovery of Endophon."

WE STOCK ONLY GENUINE REMEDIES.



THE GREAT PYRAMID

Stands at the foot of the Libyan Mountains, a great limestone rock, converted in ages past into a man headed lion, termed by the Greeks, Sphinx.

Situated near Gizeh on the west bank of the Nile, and erected as the tomb of Khufu, fourth dynasty, the Cheops of Herodotus, dated by Brugsch. 3733-3666 B. C. The height is 481 ft. and its base, 774 ft. square.

The Scientific Remedies listed herein like the 'SPHINX' and 'GREAT PYRAMID' have stood the *test of time*. They have been in steady demand for over 50 years, and are to-day in greater demand than ever, a proof of their remarkable curative efficiency.

We are the Sole Eastern Agents for these reliable remedies, and before accepting each agency, have *required and obtained*, evidence of their therapeutic value. We guarantee them to be **Genuine Remedies**, formulated to **CURE**, not swindle, a fact soon realized by all those who try them.

Try a remedy from us, before buying elsewhere. We guarantee, once you do so, that no other will be needed, for repeat orders, testimonials, and Doctor's testimony, prove that they have no equal for efficacy in India.

INTERNATIONAL HONOURS OBTAINED.

Some of the Gold Medals won by these Genuine Remedies, at International Exhibitions. Highest Awards for Purity and Curative Efficacy.

Grand Prix
Paris 1931.
Brussels 1932.



Diploma
of Honour
Rome 1930.
Vienna 1933.



This
Seal



Is Your
Guarantee



OF EXCELLENCE.

OUR VAST ORGANIZATION HAS BEEN BUILT-UP THROUGH
SERVICE-SATISFACTION-AND THE GOODWILL OF OUR CUSTOMERS.