

S MEDICAL SCIENCE

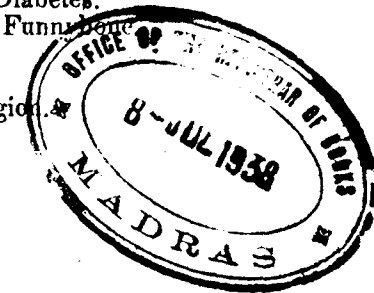
VOL. 1.

A MONTHLY JOURNAL ON MEDICAL MATTERS

No. 3.

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1 year Rs. 1

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Published

Monthly

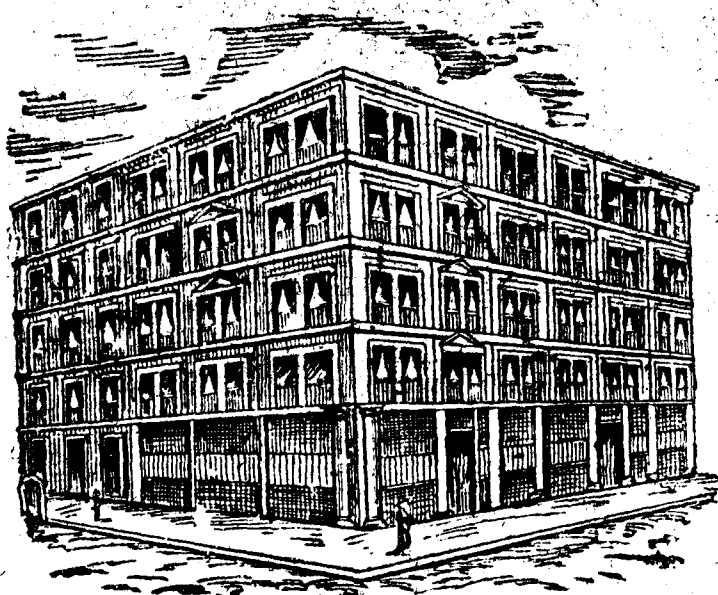
May.

1938.



Asclepius
FATHER OF MEDICINE

FOREWORD



HEAD OFFICE,
149, Rue Montpresnil,
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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.

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

The Anglo-French Medical Agency.

(Branch Office for India.)

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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.

MAY 1938.

No. 3.

Death can be Conquered?

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

(By H. M. Robinson.)

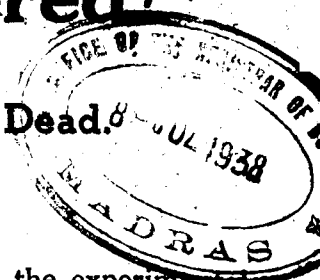
No procedure in modern medicine has aroused more controversy than the attempt to revive the dead by reactivating the heart that has stopped beating. Hailed on the one hand as a miracle of science, and on the other as a useless, dangerous and even sacrilegious operation, the "intracardial therapy" technique 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 no 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



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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 a 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, who nibbling lettuce leaves, unaware that he had just been called back from the bourne whence no traveler 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

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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.

THE GREAT SCIENTIFIC DISCOVERY OF THE BERGERET LABORATORIES.

—(o)—

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

available to thousands. Moreover, the 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.

It has always been the policy of the Bergeret Laboratories never to offer a

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.

ENDOPHON is now manufactured in CAPSULE form and is obtainable in two kinds:—
No. 1 for Partial Impotence and No. 2 for Complete Impotence and Sterility.

Prices:	1 bottle Rs. 6-8-0.	3 bottles Rs. 18.	6 bottles Rs. 34.
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.	"Enjex"

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 Rehfuess 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. Rehfuess declared.

It may be true many persons overeat and would be better off with less carbohydrate in their diet, Dr. Rehfuess 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*.



MEDICAL HUMOUR

OR
The Doctor's Funnybone

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 palm 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."

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 "scofflaw" stopped bootlegging.—

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

"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."

Detailed Causes of Obesity.

Obesity is mainly a disorder of metabolism characterized by deposit of fat in the body.

This 'oil dropsy' as Byron called it, is a very common condition, which is sometimes a source of great bodily and mental distress. For its occurrence the following factors are to be considered.

(1) Heredity:—It is, perhaps, the most important factor in majority of cases, we do inherit our habits of metabolism. At times, the eating habits of the family are more responsible.

(2) Simple Obesity is merely a result of disproportion between the food intake and food waste, produced as a result of bodily activities. In such cases the basal metabolism is practically normal. In case of rich people, alcohol also plays an important part, especially the malt liquors. In short, the real cause is, too little exercise and too much food.

(3) Metabolism:—In certain number of patients the basal metabolism is found very low, due to lack of activity of thyroid, with sometimes retention of water.

(4) Internal Secretion:—The influence of Testis in fat metabolism, is found in eunuchs, castrated animals, after menopause and during pregnancy in women and girls at puberty. Similar effect of thyroid is seen in hypothyroidism, where the patients have a fatty round face, usually called the moon face and a round neck. In case of under activity of the posterior lobe of the pituitary, the fat is deposited mainly about the lower part of the trunk.

The usual places where the fat is deposited, are heart, kidneys, mesentery, omentum and subcutaneous tissues. Sometimes, the pericardial fat is greatly increased when it penetrates between the muscle fibres.

A physician is usually consulted when excess of fat either causes inconvenience of walk etc. or the loss of good looks in women. The most common complaints, if found any, are the shortness of breath, embarrassed action of the heart and difficulties in discharging daily duties. A remarkable phenomenon is the tendency to feel sleepy—like the fat boy of Pick-Wick. It is

usually supposed that this nareolepsy is due to disturbed pituitary.

It also plays an important part in the etiology of diabetes, and hypertension.

As regards the treatment, diet forms a very important factor—George Cheyne, a man of giant proportion who reduced his weight from 448 lbs. to ordinary proportion, used to say that every wise man after 50 years should reduce his food intake to preserve his senses and mental faculties. Usually fats and carbohydrates are reserved for fast. While 3 days should be spent on milk and fruits e.g. Bananas. In general treatment cold baths with vigorous massage are very advantageous.

MANY cases of "leucorrhoea" due to the *Trichomonas Vaginalis* will respond to salt douches. The proportion is one part of sodium chloride to four parts of water.

DIABETIC girls mature late. Under insulin therapy maturity is accelerated (Joslin). Diabetes should be suspected in mothers who give birth to very large children.

IN WOMEN afflicted with gonorrhoea of the genito-urinary passages the rectum is apt to be secondarily involved without obvious signs and symptoms. Cultures are more reliable than smears for the diagnosis of rectal implication.

THE epidemic of "Jamaica Ginger Paralysis" in the U. S. in 1930 was due to triorthocresyl phosphate. A similar attack of polyneuritis may follow the internal administration of apiol when indiscriminately used as an ecobolic.

Question of Knowledge

He who knows not and knows not that he knows not is a fool—SHUN HIM.

He who knows and knows that he knows not is a scholar—WATCH HIM.

He who knows not and knows not that he knows is asleep—WAKE HIM.

He who knows and knows that he knows is a wise man—FOLLOW HIM.

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 College 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 streptococcal 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.

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.

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Cold-Water Cure

Medical men the world over are returning to the cold-water cure as the quickest and most permanent means of relief for a number of ailments. The first man to use cold water scientifically was Vincent Pressienitz, who was born a humble peasant in the Silesian mountains. He watched wild animals cure themselves with cold water and applied the treatment to human beings with wonderful success.

Intensely persecuted by the orthodox medical profession, he persisted in curing by cold water where they had failed—broken bones, aches, and skin complaints—and ultimately his fame came to the ears of the emperor who made him a doctor. Preissnitz founded the first hydro; placing his belief in Nature rather than in drugs.

Whooping Cough

Whooping cough begins with what seems to be just an ordinary chesty cold. But the cold lasts for ten days or a fortnight and a cough develops. The cough is violent and the child draws in a long breath, as if to get more air, and there is a whistling sound in the throat.

The face looks puffy after the coughing, and the effort may break small blood vessels in the nose, causing bleeding. The whites of the eyes often look bloodshot, and the child is sick after a bad attack of the cough.

Mild cases last only three or four weeks, but others can last for six months. The illness can be serious, especially with young children, and a baby might develop convulsions. As clothes can carry the illness, the parent must be considered infectious also.

Keep the child warm, with a well ventilated room. Give milk, light soups and all easily digested foods. If sick give more food again as the child needs strength. Do not overtire the child or let him get excited, nor use any patent medicines. Consult your doctor.

Chemical "Miracles" To Kill Religion

In the Soviet campaign to stamp out religion, the use of chemicals is playing an important part.

Frequent lectures are given at which famous miracles of the Bible are reconstructed by chemical means.

The miracle of the Writing on the Wall, when letters of fire foretold the doom of Belshazzar, King of Babylon, is reproduced by the lecturer inscribing letters on the wall with a special phosphorus paint. When the lights are put out the writing appears in "letters of fire."

The miracles of healing are explained away by similar means. A man is asked to step out of the audience. His arm is then bared by the lecturer, washed with an antiseptic solution, and a number of apparent cuts are made in the flesh.

The blood at once begins to flow, and the wounds are quickly covered with a towel. Then the towel is removed and the cuts have vanished.

The audience is then informed that the antiseptic was really ammonium sulphocyanide, while the knife was treated with ferric chloride. These two chemicals mix to form a bloodred liquid, ferric sulphocyanide solution—hence the "miracle."

The results of this campaign are undoubted. The religious faith of the people is being undermined and entirely destroyed, because without faith in God's supernatural powers, as manifested through miracles, faith in religion cannot survive.

SCIENCE

The New Dental Pain Killer

Announced by Prof. Leroy L. Hartman, professor of dentistry in the Columbia University School of Dental and Oral Surgery, the new pain-killer is applied to the dentin of a tooth, lying just below the enamel, and makes possible drilling of a cavity without feeling on the part of the patient. Here is the formula, by weight.

Thymol.....	1 1/4 parts
Ethyl alcohol.....	1 part
Sulphuric ether.....	2 parts

The solution is kept in a brown bottle and applied directly to the dentin with a moistened pellet of cotton. The pain-killing effects last one hour if the cavity is kept dry by the use of a rubber dental dam. If saliva dilutes the solution the effect may last only 20 minutes. But because the local anesthetic is designed to kill pain only during drilling, the time is ample.

Sufferers from toothache are doomed to disappointment if they rush to the nearest drug store, have the solution prepared and apply it directly to an aching tooth. It must be placed in contact with the dentin inside the tooth and not on the outer enamel for its pain-killing effect. The discoverer of the formula and officers of the dental society warned:

"In the interest of public welfare we warn the public against attempting to use this preparation for the self-treatment of toothache. It is effective only when used by a dentist under the proper conditions."

Relief For Angina Pectoris

Quick relief for angina pectoris has been achieved by the simple inhalation of the chloroform-like drug called trichlorethylene, Dr. John C. Krantz, Jr., of the University of Maryland School of Medicine, Baltimore, reported to the meeting of the American Association for the Advancement of Science.

Patients with the fear of death upon them, dreading the next seemingly inevitable attack of the excruciating heart pain, get relief in a second from inhalation when the attacks occur.

As a routine treatment night and morning, crushing an ampule in a handkerchief makes attacks less frequent by a half or third. Clinical tests made by Dr. William Love, Jr., Baltimore physician, were successful in 15 out of 20 cases.

World's Giant Boy!

When Robert Wadlow of Alton, Ill., was 9 he could lift his 150-lb father. By last week Robert Wadlow, 18, had become the biggest man in the world, but he could not lift even his small brother. He stands 8 ft 3 1/4 in., weighs 590 lb., wears size 39 shoes (S 86 a pair). During the past year he gained 2 in. in height, continues to grow, may not reach his full growth until he is 21.

Robert Wadlow's giantism is due to disfunction of the small, chestnut-like pituitary gland, which lies under the front part of the brain. Among the many results which follow pituitary disorder is muscular weakness. Vast Robert Wadlow must move slowly and deliberately, lest he drop things or stumble. At Shurtleff College, where he is a freshman, he ranks well above the average. His best subject is German. When he graduates he expects to become a lawyer.

Cured by a Vision

Admitted one night to a Bengal hospital, a mill worker was found to be suffering from a broken thigh, and the doctors, after having his thigh X-rayed, arranged for a major operation on the following day.

Terrified by the prospect, patient spent the night in prayer, and next morning he was found in the hospital courtyard, dancing merrily about. He was absolutely cured.

When questioned, he declared that he had a vision, while asleep, in which a stranger touched his thigh and then told him to walk. He had immediately got up, and walked.

MEDICAL

Science Locates Seat Of The Soul.

The discovery that emotions and consciousness originate in a ringshaped structure deep in the middle of the brain has been found at Cornell University, U. S. A., by Dr. James W. Papez, Professor of Anatomy.

The ring - shaped structure, it is stated, lies in the area which the ancients called the "seat of the soul". It is composed of four somewhat puzzling parts of the brain which act as the central stations for receiving and sending messages to and from the body and the higher brain centre, which distinguishes man from animals.

Injury to these centres results in apathy, somnolence, lethargy, stupidity, moodiness, personality disturbances and other troubles.

Constipation.

Clifford O. Richey (*J. of the Indiana State Med. Assn.*) classifies constipation into three forms: atonic, catarrhal and spastic. These three forms actually represent three consecutive stages in the course of development of chronic constipation and can readily be differentiated as follows:

In the *atonic stage*, neither pain nor flatulence is present. Stools are normal in form and consistency but of larger caliber.

In the *catarrhal stage* flatulence is characteristic especially after eating gas-producing foods, but there is no pain. The scybalous masses are coated with mucus.

In the *spastic stage* there are both flatulence and pain. Pain is aggravated by purgatives, enemas and coarse foods. The sigmoid can be palpated as a hard cord which is painful. The rectal sphincters are spastic. The mucosa is very red and shows free mucus in the rugae. The stool is small in caliber, often knotted and contains either free mucus (occasionally blood streaked) or the mucus is mixed with dry, hard feces.

Killed by Mosquito.

While walking in the garden of his house, known as the Little House, Burwood Park, Hersham, Surrey, Mr. Hugh Lionel Heath, an artist who had exhibited for twenty-three years at the Royal Academy, was bitten on the fore-head by a mosquito.

Five days later he died in hospital.

A verdict of "Death by misadventure" was recorded at the inquest at Hersham.

Mr. Heath went to India in 1911. He retired seven years ago.

He was formerly principal of the Mayo School of Arts, Lahore and curator of the Central Museum Lahore.

His father was miniature painter to Queen Victoria.

Poison Ivy Can Have Five Leaves Too

Poison ivy, nobody's friend, occasionally tries to escape the stigma imposed by the old ready-recognition rhyme, "leaflets three, let it be," by growing five leaves instead. But one University pointed out before the meeting of the Phi Sigma Biological Society.

Mr. Barkley, during examinations of many pressed specimens of poison ivy at the Missouri Botanic (Shaw's Garden), found a number of these abnormal five-leaved poison ivy plants. Specimens grown from poison ivy seed also turned up five-leaved once in a while. But the five-leaved arrangement was unlike that of the innocent Virginia creeper or woodbine, so the deception did not work.

SCIENCE

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.

4

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*.

❖ ❖

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*.

MEDICAL

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.

If other remedies have been disappointing; do not condemn these as worthless. A trial order is only needed to prove our claim.

Our aim is to give satisfaction to our customers—realising that our product and our service form our best advertisement, and to this end, we spare no efforts to provide Genuine Remedies.

The Anglo-French Medical Agency. Branch Manager: **E. C. Scott. (British)**

EVERYTHING THAT CONTRIBUTES TO CURATIVE POWER
IS EMBODIED IN THESE SCIENTIFIC REMEDIES.

SCIENCE

"THE CHOICE OF THE EXPERT" REMEDIES OF PROVED RELIABILITY.

Are you Suffering from Corns?



Get rid of them by using **Eugene Sargisson' Corn Solvent**. A few applications, and the pain and tenderness disappears, then the Corn dries up, and can be pulled out painlessly. Sold in phials. There are sufficient to cure.
Per phial Rs. 1-8. Three Rs. 4.

Du Huit's Obesity Tablets.

This remedy gradually and safely removes superfluous fat. No exercises necessary. No dieting. Does not weaken the heart. Guaranteed to remove pounds of fat a week, without harmful results.

1 bot. Rs. 2-8. 3 Bots. Rs. 7.

Lepelletier's Ointment.

For Ringworm, Scrofula, Psoriasis, Dhobies Itch, and all other Skin diseases.
1 lb. Jars. Rs. 3-8, per Jar

REEVE'S HAIR RESTORER

Not a Dye.

Safe & 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.

Reeve's Hair Restorer is absolutely safe to use and is unequalled for imparting a healthy and natural colour to the hair. **A British Product—Made by Henri J. Reeve. London.** Get a bottle and look years younger!

1 bot. Rs. 2-8-0.

3 bots. Rs. 7-0-0.

3 bottles Rs. 12-0-0.

Dr. Stanley Willson's CHLORODYNE

As prescribed by the Medical Profession.

Unlike other Chlorodynes on the Market, "Dr. Stanley Willson's" 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.

Price Rs. 2-8-0 per bottle.

3 bottles Rs. 7-0-0.

Special Quotations to Doctors & Chemists.

We are Agents for the products of

DE GROOT'S LABORATORIES

Grenoble. France.

Also Oils, Essences, and Colours, Manufactured by

OEHME & BAIER.

Leipzig. (Germany).

Price List forwarded on application

We stock Organotherapeutic, Biological and Chemico-Pharmaceutical preparations, also all kinds of Drugs and Surgical Goods. Special quotations on application.

Our Vast Organization has been built-up through
Service — Satisfaction — and the Goodwill of our Customers.

"THE CHOICE OF THE EXPERT" MEDICAL

GALAXIN

THE GENUINE BLOOD CLEANSER

BEFORE TREATMENT



PIMPLES

**FRECKLES
COPPER PATCHES**

ECZEMA

SORES

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.

Galaxin
BLOOD CLEANSER

POWERFUL PENETRATING PERSISTENT

GUARANTEED TO CURE:—Pimples, Freckles, Copper Patches, Blotches, Sores, Boils, Ulcers, Dhobies Itch, Psoriasis, Eczema, Leprosy, 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. 3-8. 3 bots. Rs. 9. 6 bots. Rs. 17.

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

AFTER TREATMENT



ALL REMOVED

CLEAR, HEALTHY SKIN

CURED

BANISHED

SCIENCE

"THE CHOICE OF THE EXPERT"

READ THESE TESTIMONIALS.

(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 manufacturer 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.



PERSONAL EUROPEAN ATTENTION—BEST SERVICE—SATISFACTION
AND BRITISH FAIR PLAY IS ALWAYS OBTAINED.

MEDICAL

"THE CHOICE OF THE EXPERT"

ENDOPHON

Glandular Extract



DEALS
5
HAMMER BLOWS
AT
IMPOTENCE

TWO KINDS (Capsule form.)

ENDOPHON No. 1.
For Partial Impotence
(Premature Ejaculation)
(Feeble Erection.)

ENDOPHON No. 2.
For Complete Impotence
& Sterility

1 bot. Rs. 6-8-0
3 bots. Rs. 18-0-0
6 bots. Rs. 34-0-0

Tele. Codes:

3 bots. No. 1 'Entrax'
3 bots. No. 2 'Enjex'
6 bots. No. 1 'Entron'
6 bots. No. 2 'Enjexor'

1. IT RENEWS
WASTED TISSUES.

2. IT PROMOTES
DEVELOPMENT.

3. IT INCREASES
VIRILITY.

4. IT IMPROVES
RETENTIVE POWER.

5. IT RESTORES
NORMAL GLAND
ACTIVITY.

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.

Conclusive EVIDENCE.

- (1) The Faculty of Medicine of Paris, after clinical trials has pronounced **ENDOPHON** to be the only efficacious Glandular preparation.
- (2) Numerous letters have been received from the Medical Profession, testifying to its marvellous curative efficacy.
- (3) It is regularly used by many Doctors, and in the Curtius Clinic for Private Diseases. (Hamburg)
- (4) It has obtained three Gold Medals for Purity and Curative Excellence. Paris (1922) Brussels (1924) and Rome (1926).

These are your assurances that **ENDOPHON** is a genuine remedy. A trial three bottles will afford convincing proof of its efficacy, by the benefit received.

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 been 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. 100/-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 150/-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"



505 EXPERIMENT

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.

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.

"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"
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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. R. E. D. (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. A. G. S. (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.)

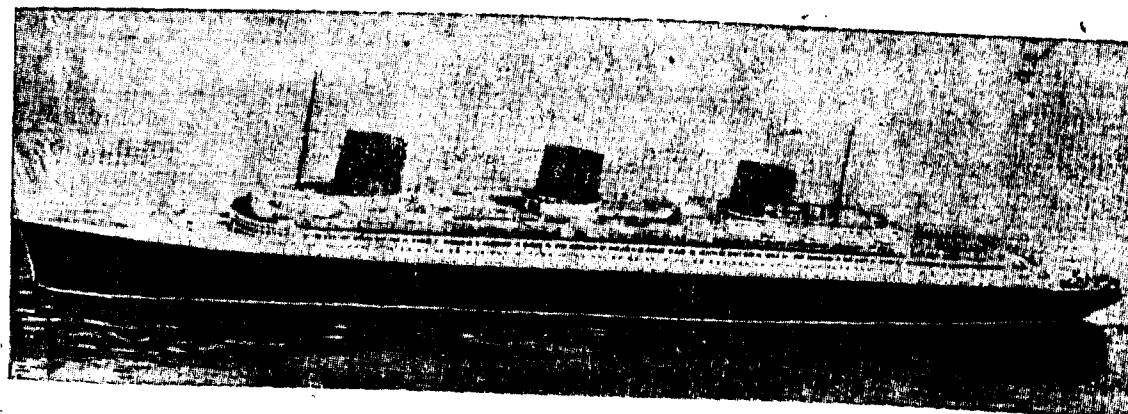
These remedies represent careful scientific research—numerous experiments and practical tests on actual cases.

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"

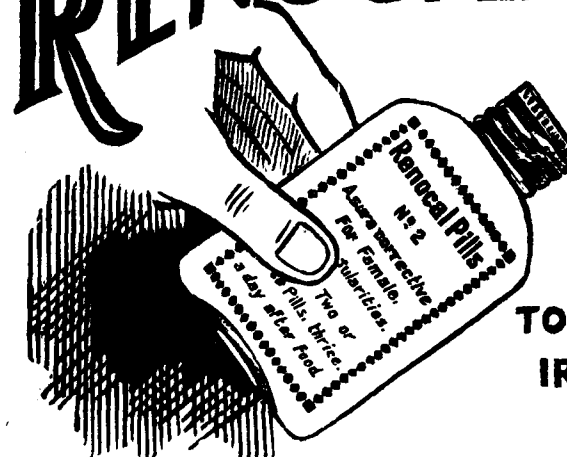
Rennard's Female Mixture is the ANSWER!

SCIENCE

"THE CHOICE OF THE EXPERT"

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. L. G. writes:—

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

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

Mr. E. D. 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.	Price Rs. 7-8 per bottle.	Tele. Code "Refto"
No. 2. For obstinate cases.	Price Rs. 12-8 per bottle.	Tele. Code "Rexin"

Note:—It is advisable to give particulars, time over-due, 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'

MEDICAL

FRESH STOCKS
RECEIVED



WEEKLY BY
AIR MAIL

FINEST
HIGH - CLASS

RUBBER
PREVENTATIVES

PROVED BY TEST

TO BE THE BEST

WE STAND ALONE

As stockists of the finest quality Rubber Goods manufactured, and supply them perfectly fresh from stock **not more than one week old.**

Reasons Why you Should Deal with Us.

1. Your letters are treated as Strictly Private and Confidential.
2. All goods, before despatch, are carefully tested by our 'Never-Fail' Testing Machine' and microscopically examined.
3. Old Stock or punctured goods are never supplied.
4. We replace free any goods lost or damaged during transit.
5. We guarantee Complete Satisfaction, or will refund your money in full.

Some Opinions of those who have Dealt with us.

Mr. W. F. C. writes: "The goods supplied have given me entire satisfaction. It is indeed a great relief to know where to purchase really reliable preventatives."

Mr. R. J. writes: "The rubber goods sent are very fine. I have not bought such quality before."

CAUTION.

Many firms allow rubber goods to be handled by dirty Indian packers. These goods are filthy and full of dangerous germs.

ENSURE SAFETY by dealing with us. Goods are tested and examined by an European, wearing surgical gloves. They are supplied fresh and clean, and absolutely free from germs.



Genuine Italian "NEVERRIPS" NATURAL COLOUR

Finest Quality—Skin-Like Texture—Silk Finished—Seamless

These Preventatives are famous for their fine texture, elasticity and strength. They are specially noted for their wonderful keeping qualities in any weather. A trial order will convince you of their perfect quality.

Prices:—1 doz. Rs. 10. ½ doz. Rs. 5-8. ¼ doz. Rs. 3.
Tele. Code. 1 doz. 'Nefito' ½ doz. 'Nefin'

OUR CONSTANT AIM IS YOUR COMPLETE SATISFACTION.

Impregnable'
Brand Goods
Ensure
YOUR Safety



SCIENCE

CAMILLE

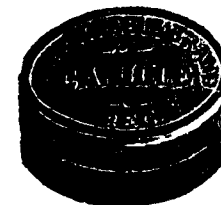
PREVENTATIVES.

[Snow White]

[Snow White]

Beautifully Soft and Skin-Like—Unnoticed in use.

Preventatives
De Luxe!



"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.

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

Prices:—1 doz. Rs. 16. ½ doz. Rs. 8-8. ¼ doz. Rs. 4-8.
Tele. Code. 1 doz. "Exel". ½ doz. "Excelled"

TESTIMONIAL.

Mr. R. H. D. writes:—"Camille" Preventatives are marvellous. I did not know I had one on....."

As Thin as Tissue
Yet Strong as Silk

AMERICAN TIPS.

Thinnest
Quality

Skin-Like
Texture

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

These American Tips are much superior to any other kind, as being *very thin and smaller in size*, they fit the G. P. like a **Glove**, and make sexual relationship perfectly natural. (Also obtainable, milk-white, extra thin, unwashable).



Four Points Worth Your Consideration.

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

A Sure Method of Birth Control.

PRICES:—1 doz Rs. 18.
½ doz Rs. 9-8. ¼ doz Rs. 5.
Tele. Code. 1 doz. 'Tip' ½ doz Tipper

FRENCH TICKLERS

Superior Quality-Satin Finish-New Design.

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

Prices:—1 doz Rs. 18. ½ doz Rs. 9-8. ¼ doz Rs. 5.
Tele. Code. 1 doz. 'Tick' ½ doz. 'Ticker'

UNIQUE PASSIONETTE DESIGN Preventatives MUTUAL EFFECT

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

Prices:—1 doz Rs. 18. ½ doz Rs. 9-8. ¼ doz Rs. 5.
Tele. Code. 1 doz. 'Pass' ½ doz. 'Passing'

The "CROCODILE" (WASHABLE) Preventatives.



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

Prices:—1 doz Rs. 18. ½ doz Rs. 9-8. ¼ doz Rs. 5.
Tele. Code. 1 doz. 'Crofo' ½ doz. 'Crofex'

We believe that a Satisfied Customer is the best Advertisement.

MEDICAL

**Most Natural in Use
Non-Ripping Quality
Warranted Reliable.**

**TRANSPARENT
VESTA SKINS
SKIN COLOUR.**

(Washable.)

These Preventatives are just like human skin in appearance and texture. They are consequently, most natural in use, and give that 'feel' that is so much desired. They are made of the purest para rubber solution by a special new process and are Seamless and Silk-finished throughout. (Teat end or plain.)
Price:—1 doz. Rs. 14. ½ doz. Rs. 7-8. ¼ doz. Rs. 4. Tele. Code. 1 doz. "Vest" ½ doz. "Vestal"

Skin-Like Texture The Silk "NINON" Ivory White
THE NEW LIQUID LATEX PREVENTATIVES.
Highest Quality 5 Times as Ordinary Rubber

Liquid Latex of which "NINON" Preventatives are made, represent a great improvement upon ordinary, seamless goods as no chemicals are used in its manufacture and the natural strength and resiliency is left unimpaired. Being very light and exceptionally strong, they are a boon to persons suffering from nervous disorders, as sexual relationship is rendered quite natural. Prices: 1 doz. Rs. 15. ½ doz. Rs. 8. ¼ doz. Rs. 4-8.
Tele. Code: 1 doz. "Fine" ½ doz. "Finest"

PREMIER QUALITY "ENDURANCE" (Washable) SHEATH.

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

The "Endurance" Sheath **will not burst in use**, like other cheap makes. It is four times thicker than an ordinary preventative, and is guaranteed to last for one year. The best Sheath obtainable.
Price: 1 sheath Rs. 5. Three Rs. 12. Three sizes. 1, 2, 3.

The "FRIVOLA" Preventative.

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

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

1 doz. Rs. 18. ½ doz. Rs. 9-8. ¼ doz. Rs. 5.

For Ladies / **"YVONNE"** For Ladies /
RUBBER PESSARY.
THE SAFEST METHOD OF BIRTH CONTROL.

This is the latest and most improved Pessary. Its unique design gives full comfort and eliminates all risk of leakage.

The best Rubber pessary manufactured.

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

certain if used with Rennard's Soluble Pessaries.

Price Rs. 5 only. Three Rs. 12.

"RENNARD'S" Double Strength
The Wife's Friend
Chinosol Soluble Pessaries.
An Excellent method of Birth Control.
Price per box (12 Pessaries) Rs. 2-8. 3 boxes. Rs. 7.

Excellent Goods—Efficient Service—and British Fair Play is always obtained by dealing with us.

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.

LA FLORETTE (PINK)

Specially selected quality. Very thin and silk finished (Teat end only).

1 doz. Rs. 14. ½ doz. Rs. 7-8. ¼ doz. Rs. 4.

THAIS. Excellent quality. Exquisite silk finish. A thoroughly dependable preventative.

Prices:—1 doz. Rs. 14. ½ doz. Rs. 7-8. ¼ doz. Rs. 4.



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)

SCIENCE

"THE CHOICE OF THE EXPERT"

DON'T ABANDON HOPE!

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

A Perfect Wreck.

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.)

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 three bots. Rs. 9-0
six 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.

Supplied in bottles of 30 Capsules.

(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.

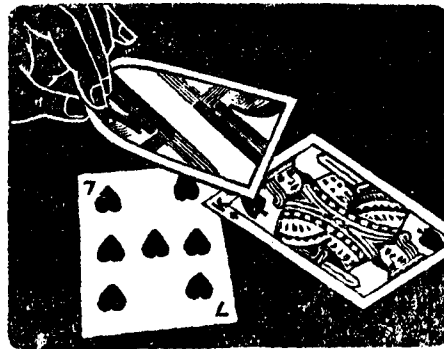
Made by Robert Ferber, Ltd. (London).

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 certain reasons.

Gave Relief After Four Days.

Mrs. M. L. (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. P. E. H. (Simla). "Rennard's Mixture had the desired effect within a week"

Acted Marvellously.

Mrs. E. L. P. (Darjeeling). "Rennard's Female Mixture acted marvellously"

Wonderfully Efficacious.

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

Doubt Turned Into Joy and Relief

Mrs. E. N. H. (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 called the Combined Treatment and is infallible. The telegraphic code word is "Combined".

AND GET VALUE FOR EVERY RUPEE SPENT.

"THE CHOICE OF THE EXPERT" MEDICAL
CONQUER THAT DISEASE PERMANENTLY!

"G"

"505"

(CONCENTRATED)

Mixture and Injection.

**THE WORLD FAMOUS REMEDY FOR 'G'
WILL CURE YOU.**

No matter how chronic your case may be.



'505' Mixture and Injection is recognised the world over as the finest and most effective remedy for "G"

In numerous instances "505" has succeeded where others had failed. These results clearly proved its remarkable excellence and wonderful Soothing, Healing and Antiseptic power.

There is, by far, considerably more REAL curative potency in one bottle of '505' than in a score of any 'make believe' remedy.

To conquer permanently the relentless hold of "G" there is nothing better than "505" (Mixture and Injection). This treatment does not give mere temporary relief, but cures perfectly and permanently, removing every trace of the disease, by thoroughly disinfecting and healing the diseased internal tissues and destroying all the Gonococci germs.

Start treatment with "505" (Mixture and Injection) to-day. They will almost instantly soothe and relieve all pain and irritation; easily stop further discharges; immediately arrest the progress of the disease; and finally heal the diseased internal tissues and promote a thorough cure. Moreover, they cause no vomiting or purging, but are pleasant and simple to use.

"505" is a remarkable genito-urinary remedy, having a disinfectant and antiseptic action upon the diseased tissues, hence it is the most rational and effective treatment for "G"

Therefore, if you are determined to be cured permanently, try '505' (Mixture and Injection). There is nothing else that will cure you so easily, smoothly and permanently—a fact that is corroborated by thousands who have been cured perfectly.

SPECIAL OFFER. If you doubt the Curative Efficacy of "505" order a trial bottle of Mixture & Injection. They will be supplied with a glass Syringe at concession rate, Rs. 6 only. Take them as directed, and you will receive distinct benefit, a proof that the "505" Treatment is a genuine and permanent cure for 'G' in all forms. **Do not delay — Take advantage of this offer NOW!**

(Testimonial. Gon. Cure No. 2054.)

Sgt. C. R. writes:—"Your treatment for 'G' is wonderful. The discharge has stopped completely and the Doctor here says I'm cured"

THE TREATMENT COMPRISES.

"505" MIXTURE.

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

Male or Female Syringe
(For Injection) Rs. 1-8-0.

"505" INJECTION.

1 bottle Rs. 4-8-0
Tele. Code. "Zabin"
Tele. Code. "Zabin"

They are in no sense 'doubtful remedies' but 100% effective.

SCIENCE

"THE CHOICE OF THE EXPERT"

GONORRHEA.

Is a white or yellowish discharge, accompanied by burning or itching. Involuntary discharges sometimes occur at night, due to the local inflammation.

GLEET. (Chronic Gonorrhea)

is a slight white or yellowish discharge, often a mere drop, and usually only noticed in the morning, sometimes accompanied with Orchitis (swollen testicles) and other complications.

"505" Mixture and Injection is the most suitable treatment and never fails to cure permanently. A few doses will

Stop the discharge, remove all pain and cause swelling to disappear

Once cured by "505" a patient can marry, without fear of the disease re-appearing.

The amazing success of "505" is entirely due to its well-balanced formula and scrupulous manufacture.

HOW THE TREATMENT CURES.

"505" Mixture.

(Taken internally).

Is excreted through the kidneys, flows from the healthy tissue downward over the infected portions cleansing the organism from the inflamed anterior portion of the genito-urinary tract.

"505" Injection.

(Self - injected).

Self - Injected through the meatus (mouth of the penis) into the urethra and heals the discharging sore and diseased membranes.

NOTE:—The common fallacy that Gonorrhea is no worse than a bad cold is exploded. It is now recognised by clinical and pathological evidence as a dangerous disease with serious complications. Therefore, it should not be neglected, but treated immediately with "505" as the infection spreads upwards from the urethra, producing the complications. epididymitis vesiculitis, prostatitis, orchitis (swollen testicles) and finally leads to impotence.

LATEST TESTIMONIALS.

(The names and addresses are not given for obvious reasons).

Mr. P. E. writes:—"Six bottles of "505" Mixture and Injection cured me of 'G' I am sorry that I did not get your treatment earlier, as then I would have saved a lot of money that I wasted on other so-called remedies which did me more harm than good....."

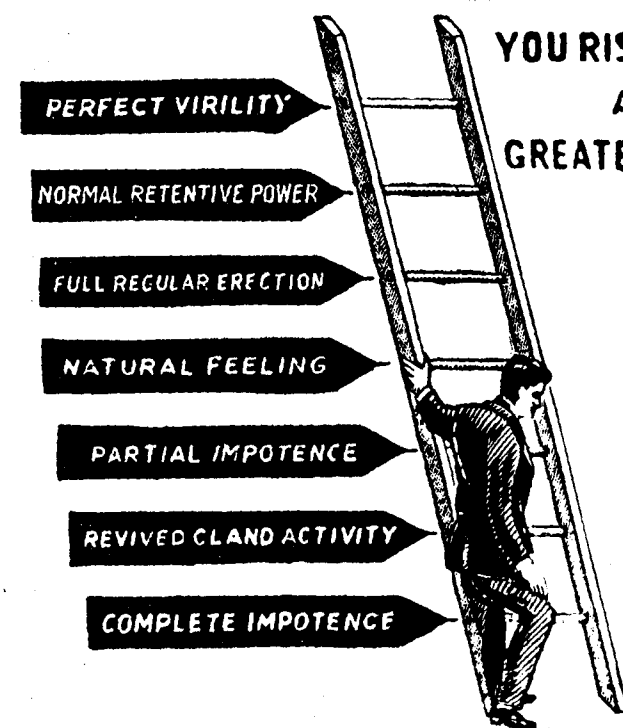
Mr. J. W. M. (Ceylon). writes:—"Please send me the full course of "505" by V. P. P. I am giving your treatment a trial in view of your claims. I have had a very troublesome attack of 'G' for the past eight months and three doctors have failed to afford me relief. If your stuff does the trick, then you may count on me "boosting" it as I can....."

After Three Months.

"Your "505" treatment is wonderful. It worked something like a miracle. I'll boost it as much as I can....."

A PERMANENT cure is guaranteed - Not temporary benefit.

“THE CHOICE OF THE EXPERT” MEDICAL RUNG BY RUNG



**YOU RISE TO NEW
AND
GREATER VIRILITY**

**Where do YOU stand
on the Ladder?**

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

Rung by rung, slowly but surely,
Perfect Virility is obtained.

Endophon has proved conclusively, that
Virility Can be permanently regained.

What ENDOPHON Does.

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.

Your Weakened glands now functioning, gradually strengthen the whole
sexual system, increase the Erectile Strength of the “**Organ**” ultimately producing
Full Regular Erection and **Normal Retentive Power**.

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

Sold in Two kinds.

NOW MANUFACTURED IN CAPSULE FORM.

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

Prices: 1 bottle Rs. 6-8-0 3 bottles Rs. 18. 6 bottles Rs. 34.

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’

BUY A GENUINE REMEDY

SCIENCE

“THE CHOICE OF THE EXPERT”

ENDOPHON is recommended for under-sexed men (deficient virility). It gives increased virility with greater retentive power.

It is also recommended as a wise safeguard against sexual weakness. If a few doses is taken each time, before or after sexual intercourse, the well-being of the organ will be maintained. This precautionary measure is especially advised to those men whose sexual ability is not quite normal.

ENDOPHON is non-injurious, and can be taken any time. Its action is beneficial and restorative,—not stimulating. It tones, strengthens, and maintains the healthy condition of the organ.

READ WHAT CURED PATIENTS SAY.

Mr. M. S. (Ceylon). writes:—“The **Endophon No. 1** which you sent me is doing me a lot of good, and I will gladly recommend to anyone who needs such a valuable medicine for Sexual Weakness.”

Mr. P.J. (Lucknow). writes:—“Acting on a friend’s advice, I tried **Endophon No. 1.** and am very pleased to inform you that it has fulfilled its claims”

*
YOU’VE
TRIED
THE
REST
*

ENDOPHON GLANDULAR EXTRACT

is **NOT** a mere Aphrodisiac or stimulant. It is scientifically prepared from fresh Gland Extracts containing those internal secretions, which are provided by the Organism itself for maintaining the normal functional capacity of the Sexual System. Therefore, it is the most suitable remedy for Impotence.

*
NOW
TRY
THE
BEST
*

NOTE:—It has been conclusively proved that the only rational cure for Impotence is Glandular Treatment. This is strongly recommended by Dr. Marie Stopes in her book “Enduring Passion”

Treatment, in order to be successful, should be carried out regularly. Efficacy of the Gland Substances depends on **FRESHNESS**. It is important that they are, when taken, perfectly fresh. This difficulty has been overcome, as **ENDOPHON** is now made by the manufacturers in **CAPSULE FORM**, which fully preserves the freshness and potency of the vital Gland Substances.

Glandular Substances in tablet or liquid form lose freshness in a short time, and become stale and ineffective as a treatment for Impotence.

REXOL
Anti-Sensitive Solution.

For use with **Endophon No. 1.** Prevents Premature Ejaculation and excessive sensitive ness.

A BRITISH PRODUCT.

1 bottle Rs. 2-8-0 3 bottles Rs. 7-0-0 6 bottles Rs. 12-0-0

NOT WORTHLESS ‘QUACKS’

COPY OF
CERTIFICATE OF MERIT.

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

THE
INSTITUTE OF SCIENCE.

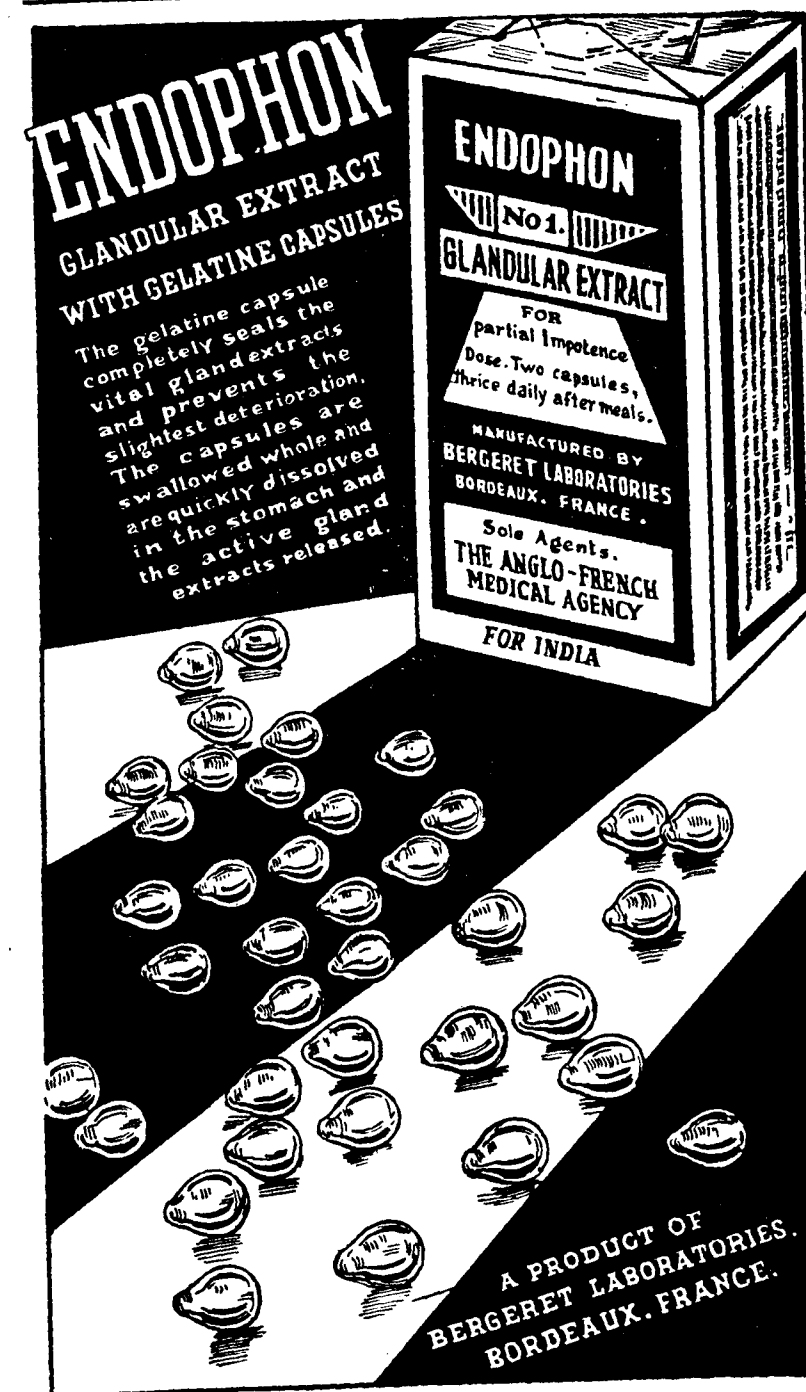
This is to Certify
That Endophon Glandular Extract
- a product of Bergeret Laboratories,
has been carefully tested and found
to possess remarkable curative efficacy
in the treatment of
IMPOTENCE

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.

Pierre De Sartines.
Director.

3rd April



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. 6-8-0. 3 bottles Rs. 18. 6 bottles Rs. 34.
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 Partial 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. up in development with other children, if they are healthy.

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

The tuberculosis death rate among unskilled workers in this country (U. S. A.) is nearly seven times as high as that among professional workers. Tuberculosis is believed rare among wild animals in their natural state; but a British scientist has found this disease in 134 field mice.

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. 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.

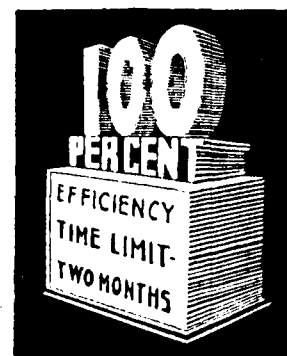
At birth the average baby weight is about seven pounds and measures 20 to 21 inches in length. Using a hypodermic syringe, an entomologist is able to inject extremely tiny doses of poisoned foods into codling moth caterpillars, directly into the digestive tract, and thus he can test more accurately the effectiveness of various poison baits.

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

RENNARD'S FEMALE MIXTURE.

SURETY
SAFETY
SECURITY



The Remedy of No Regrets

Rennard's Mixture, unusually efficacious—is the last word in pharmaceutical efficiency. **THE** remarkably smooth and powerful action of this **REMEDY** is a Revelation. We invite **YOU** to try what is a "new experience to the experienced."

Scientifically prepared according to the original formula of Dr. Emile Rennard by A. Rennard et Cie, Paris, France.

Price per bottle (8 ozs) Rs. 30/- Tel. Code. "Royal"

These are 'hand picked' remedies - The World's Best. They have survived every test.

Laennec—The Inventor of the Stethoscope.

Rene Theophile Hyacinthe Laennec, the inventor of the stethoscope, is recognized by medical historians as one of the greatest physicians of all time. He was a famed consultant, an expert diagnostician, and a profound student of pathology. The invention of the stethoscope was but one of his achievements. The major part of the science of modern physical diagnosis depends upon Laennec's interpretations of his auscultatory findings, and his book after over a century, still stands out as a masterpiece of diagnostic acumen.

Laennec was born on February 17, 1781 at Quimper, an ancient port in the Department of Finistere, in the Kingdom of Brittany (now a part of France). The original house in which he was born has been torn down, and another building has been erected upon the site, and a memorial tablet was dedicated thereon in 1912,—the hundredth anniversary of the publication of his famous book upon auscultation.

Laennec, in describing his discovery of the stethoscope, wrote:

"In 1816, I was consulted by a young person who was laboring from the general symptoms of a diseased heart. In her case percussion and the application of the hand (*Palpation*—Editor's note), were of little service because of a considerable degree of stoutness. The other method that of listening to the sounds within the chest by the direct application of the ear to the chest could not be done owing to the age and sex of the patient. I happened to recollect a simple and well-known fact in acoustics

and fancied it might be turned to some use on the present occasion. The fact what I allude to is to the great distinctness with which we hear the scratch of a pin at one end of a piece of wood on applying an ear to the other.

"Immediately on the occurrence of this idea, I rolled a piece of paper into a kind of cylinder, and applied one end of it to the region of the heart, and the other to my ear. I was not a little surprised and pleased to find that I could thereby perceive the action of the heart in a manner much more clear and distinct than I had ever been able to do by immediate application of the ear.

"From this moment I imagined that the circumstance might furnish means of enabling us to ascertain the character, not only of the action of the heart, but of every species of sound produced by the motion of the thoracic viscera, and consequently for the exploration of the respiration, the voice, the rale or rhoncus, and perhaps even the fluctuation of fluid extravasated in the pleure or pericardium. With this conviction, I forthwith commenced, at the Hospital Necker, a series of observations, which have been continued to the present time. The consequence is that I have been enabled to discover a set of new signs of diseases of the chest, for the most part certain, simple, and prominent, and calculated, perhaps, to render diagnosis of the diseases of the lungs, heart, and pleura as decided and circumstantial as the indications furnished the surgeon by the introduction of the finger or the sound in the complaints wherein these are used."

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As stated the first stethoscope was made of a roll of paper, and was a crude affair. Laennec continued to improve upon his original idea, and tried various materials. Gold-beaters' skin, inflated outside of a metal tube was found to admit extraneous sounds. Solid or denser woods were found to be less efficient than soft wood, like a piece of cane. He constructed, finally, out of one of the less dense woods, a tube 12 inches by 1½ inches bored through, forming a tube two lines in breadth (a line is a unit of measure equivalent to 1/12 inch), and hollowed out at the base to the depth of an inch and a half in a cone-like manner. For heart examinations, he inserted a cone-like piece in to this concave area, and the former also drilled through to form a tow-line-wide tube. He divided the tube into two parts for the sake of portability. Laennec's stethoscope was of the monaural variety, which is still used by some of our older internists.

In 1822 he was appointed physician to the Duchess of Berry. Private patients swarmed to him in such great numbers that Laennec was compelled to limit his practice to consultation, and after his health failed again, he left Paris permanently for his country estate. He married a lifelong friend, Madame Argon, two years before his death, and died at his country estate at Kerlouarnec in 1847.

Laennec blazed the way for modern physical diagnosis, was the leading physician of his day, was justly famous during his lifetime, and even today we may well marvel at the thoroughness and accuracy of his work. Whenever a physician applies his stethoscope, and locates a heart murmur or a shower of subcrepitant rales, he may well be thankful to Laennec for the latter's discovery of the stethoscope, and for his accurate description and interpretation of the physical signs found in chest auscultation.

The Menopause

THE MENOPAUSE IS A TRANSITION PERIOD in woman's life cycle. Two outstanding endocrine changes are observed—total disappearance of ovarian follicular hormone from blood and urine together with a marked increase of gonadotropic (follicle stimulating) hormone. Ovarian follicular hormone therapy is of established value in the clinical crises of this period.

THE division of the normal life span of the human female into three distinct periods — prepubertal, reproductive and post-menopausal — is of interest to clinical medicine. It is at these transition points of the one period to the other that profound physiological adjustment takes place. The change from the active, reproductive period of life to the post-menopausal period is particularly likely to give rise to symptoms frequently urgent in character.

During the reproductive period the ovaries are functionally active, ovulation regularly takes place and the entire organism is influenced by the ovarian internal secretions

some of which (ovarian follicular and luteal) directly influence and control menstruation as well as exert general effects on the female organism. The physiological activities of woman's entire organism, the maintenance of the distinctive secondary characteristics, the psychosexual behavior during this reproductive period are largely influenced if not entirely controlled by the ovarian internal secretion activity.

The reproductive period ends at the 45th to the 50th year of life. This is the climacteric or the "change of life." The ovarian function begins to diminish and finally ceases. Menstruation fails and the

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entire organism undergoes physiological readjustment, compensations take place and the organism is prepared to carry on without the active, pronounced effects of the ovarian hormones. At this period not only functional readjustments take place but morphological changes appear. The woman's body exhibits changes approximating a post menopausal type form, and the psychosexual reactions undergo modification. All of these changes are directly related to the loss of the active internal secretion of the ovaries which in the earlier periods of life not only control the cyclic reproductive processes, particularly menstruation but also determine the physical growth and development of the secondary sex characteristics.

When the retrograde process is fully completed the ovary atrophies; no ovarian hormones (follicular and luteal) are elaborated and none are found in the blood or urine. On the other hand the gonadotropic hormone is found in greatly increased amounts in the urine of the menopause. This gonadotropic hormone seems to be very largely the follicle stimulating principle and not the luteinizing hormone. This was shown by Aschheim and Zondek who first demonstrated the pregnancy urine and later in menopausal urine.

The nature of this gonadotropic hormone in menopausal urine is not entirely known. P. E. Smith inclines to the opinion that the principle in menopausal and castration urine is identical with the follicle stimulating principle prepared from anterior pituitary glands since both give almost exclusively follicle stimulating effects in immature mice. In a study of one case of menopause he reports:

"The physiological action of a follicle stimulating substance occurring in the urine of a woman past the menopause and who suffered from migraine, was studied. Extracts of this urine injected in immature hypophysectomized rats in which a sufficient post-operative period had elapsed for the ovaries to undergo pronounced atrophy, matured a large number of follicles. These follicles were strikingly uniform in size. Even in the longer treatments (10 days) luteinization but rarely occurred. The treatment did not induce an hypertrophy of the interstitial or

the theca cells. The reparative effect seemed to be complete. The changes were the opposite in every respect to those induced in hypophysectomized rats by injections of pregnancy urine extracts.

"In two rats in which an extract of the follicle-stimulating urine was injected, a subsequent intraperitoneal injection of P. U. (pregnancy urine) extract induced ovulation. In one case the number of eggs liberated was greatly in excess of the normal number. Estrin was produced by the ovaries stimulated with F. S. U. (follicle stimulating urine) extract.

"There was a synergistic action, 'augmentation,' when an extract of this urine was injected concurrently with a pregnancy urine extract. In the production of 'augmentation' the extract of follicle stimulating urine can thus be substituted for the pituitary gonadotropic extract.

"The gonadotropic principle in this follicle stimulating urine appears to fulfill the requirements postulated for an anterior pituitary, follicle stimulating hormone." (1)

It is clearly evident from the facts now ascertained that the older observation that the changes in the woman's organism at the menopause arise as a result of withdrawal of ovarian internal secretion are in large measure correct. Ovarian hormones have been definitely shown to be lacking both in blood and urine in the completed menopausal state.

The factor of increased gonadotropic hormone, however, was of course unknown to the older observers, and it now becomes of interest to inquire as to why the gonadotropic hormone increases at the menopause and which factor is responsible for the urgent symptoms which so frequently arise.

The question as to the cause of the increase of gonadotropic substance may possibly be answered by the known facts relating to the mutual interaction of ovary and anterior pituitary. If it is assumed as true that the gonad stimulating principle found in menopausal urine arises in the anterior pituitary then it might be expected that it would greatly increase following the

withdrawal of follicular hormone since the reciprocal action of anterior pituitary and ovary has been well established (2) Increased follicular hormone inhibits the gonadotropic activity of the anterior pituitary, and castration, or withdrawal of ovariectomy results in definite increase in the basophile secreting cells of the anterior pituitary and increased elaboration of gonadotropic hormone.

Such a reciprocal action would at least offer a possible explanation for the excess of gonadotropic substance found in the urine in artificial and natural menopause. The actual quantity of the gonadotropic hormone found in the menopausal urine or the degree of its increase is not satisfactorily worked out, largely due to the lack of precision in the assay.

The physiological mechanism responsible for the more acute symptoms of the menopause remain to be explained. The outstanding symptom of hot flashes of face and neck is clearly of vasomotor origin but positive knowledge of the effects of either follicular or anterior pituitary hormone on the vasomotor mechanism is lacking. Albright (3) made a study of this symptom (flashes) and its possible relationship to excessive gonadotropic hormone or absence of follicular hormone.

"Data from eleven patients with artificial or spontaneous menopause are reported. The number of hot flashes per unit of time are plotted against the estrin excretions in the urine and the level of prolactin A in the urine. The effect of administration and withdrawal of estrin medication on these three variables was noted. The following conclusions are made.

"The estimation of the hormones in the urine shows that the hypofunction of the ovaries at the menopause is due to a primary condition in the ovary and is not secondary to hypofunction of the anterior pituitary; that is, the menopause is a physiological 'ovarian amenorrhea'.

"There are at least two pronounced changes in the hormonal pattern at the menopause. Hypoestrogenism and overproduction of prolactin A. Either of these hormonal abnormalities or a third one might account

for the vasomotor symptoms of the menopause.

"Hypoestrogenism has been shown not to be the direct cause of the vasomotor phenomena, because (a) with oophorectomy estrin disappears long before the hot flashes begin; (b) during the menopause the estrin level can be brought with estrin treatment above normal for a long period of time before the hot flashes cease; (c) hypoestrogenism due to pituitary disease is not accompanied by hot flashes.

"Estrin treatment none the less relieves the vasomotor phenomena of the menopause after a considerable latent period; estrin treatment likewise stops the overproduction of prolactin A after a latent period of a similar order of magnitude. Estrin may exert its beneficial effect by decreasing prolactin A production, but the evidence that the hot flashes are proportional to the amount of prolactin A produced is suggestive rather than conclusive.

"Because estrin exerts its beneficial effect at the menopause indirectly, duration of treatment as well as daily dosage is an important factor in the amount of improvement obtained." (3)

Novak states that it is in the stage of deficiency of follicular hormone that vasomotor symptoms are most common. This would seem to apply to all stages of the fully developed menopause since it is only in the earlier period that follicular hormone is present.

It would seem likely that the symptoms arise as a result of the disturbed endocrine equilibrium, principally in the ratio of follicular to anterior pituitary hormone. The whole female organism is controlled by a delicately adjusted balance between the anterior pituitary hormones on the one hand, and ovarian hormones on the other. As Zondek says (4):

"The principle of the vital need for counter-balancing the antagonistic influences appears to hold good in the correlation of the action of the endocrine glands: they have previously been shown to form a functional unit with the electrolytes and the vegetative nervous system.

Gonorrhea - The Best Treatment

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

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. 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.

Medicines in Future May Be Grapefruit-Flavored

Remember how orange juice was once used to disguise the taste of castor oil when that potent stuff was a standard household remedy? Castor oil has been made practically tasteless now, but pharmacists still need flavorings to disguise the taste of bitter or otherwise unpleasant medicines. Grapefruit juice promises the newest medicinal flavoring. Its advantages for this purpose, including its abundance, cheap cost and the fact that it contains vitamins A, B, C and G, were reported by David J. Mason of New York to the American Pharmaceutical Association at its recent meeting.—*Science News-Letter*.

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First I got tonsillitis, followed with appendicitis and pneumonia. After that I got erysipeals with hemocromatosis. Following that I got poliomyelitis and finally ended with neuritis. Then they gave me hypodermics and inoculations.

No, sir. I thought I would never pull through that spelling test.—Mary Battaglia in *Globe-Democrat*.

Lepoid Pneumonia

Pneumonia due to oily substances being drawn into the lungs is "not uncommon," Drs. Ralph S. Bromer and Irving J. Wolman of the University of Pennsylvania said at the Fifth International Congress of Radiology, Chicago.

Cod liver oil, mineral oil or liquid petrolatum, poppy seed oil, olive oil, sesame oil and even cream are among the oily substances which have caused lipoid pneumonia. The oil may get into the lungs from the nose, or from the throat if the child does not swallow properly, especially if he is resisting it. The

mild vegetable oils caused the least reaction while cod liver oil, lard and other animal fats caused sudden, violent reaction in the lungs with bleeding and tissue destruction. Liquid petrolatum or mineral oil caused proliferative pneumonia.—*Science News-Letter*.

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Royal Treatment

"Once upon a time a king, while shaving, fell unconscious in his bedroom. The following treatment was employed by the royal physicians. A pint of blood was extracted from his right arm; then eight ounces from the left shoulder; next an emetic, two physics, and an enema consisting of 15 substances. Then his head was shaved and a blister raised on the scalp. To purge the brain a sneezing powder was given; then cowslip powder to strengthen it. Meanwhile more emetics, soothing drinks, and more bleeding; also a plaster of pitch and pigeon dung applied to the royal feet. Not to leave anything undone, the following substances were taken internally; melon seeds, manna, slippery elm, black cherry water, extract of lily of the valley, peony, lavender, pearls dissolved in vinegar, gentian root, nutmeg, and finally 40 drops of extract of human skull. As a last resort bezoar stone was employed. But the royal patient died...The unfortunate patient was Charles II, King of England."—Loren C. MacKinney in "Early Medieval Medicine" (*Johns Hopkins Press*).

IN BEDWETTING (*enuresis*) calcium in large doses strengthens the tone of the bladder musculature, especially the sphincter. Another favorite prescription is:

R Tinct. belladonna.

Tinct. nux vomica.....aa dram ii

Sanmetto, q.s. ad.....unces vii

M. et Sig.: one teaspoon two or three times a day.

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
Doss: 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. The treatment consists in dilatation of the 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.

Flatulence

In his discussion of the subject of constipation, Spencer (*Am. Journ. Digestive Diseases and Nutrition*) also discusses abdominal distention or flatulence which is often associated with constipation or aggravates it.

He calls attention to the fact that there are three main sources of gas in the digestive tract, the first two being quite familiar to most of us, but the third not so familiar.

1. "Swallowing" of air, or air tapped in food or in drink. Most of the air swallowed never reaches the stomach. If it does, it is usually promptly belched. Cardiospasm may prevent the escape of air outward through the cardiac orifice of the stomach. The air thus retained is carried downward into the small and large bowel.

2. Fermentation far more important than intestinal putrefaction is the second source where the digestion of carbohydrate is slow or incomplete affording a better opportunity for colonic fermentation to develop.

3. The blood is the chief source of gas. The gaseous exchange between the bowel and the blood is comparable to the exchange of gases between the pulmonary alveoli and the blood. Hydrogen disulphide, oxygen and carbon dioxide are readily removed from the colon; hydrogen and methane may be absorbed; nitrogen is removed only with difficulty by the blood. This explains the high nitrogen content of intestinal flatus. The preponderance of exchange from the blood into the colon leads to distention of the gut.

Apples

An apple a day keeps the doctor in pay.

Some such paraphrase of the old saying will need to be written as a result of studies by Drs. Walter C. Alvarez and H. Corwin Hinshaw, noted authorities on diet at the Mayo Clinic. Apples are among the foods that most commonly disagree with people, these physicians have found.

Four persons out of five in a group of 500 men and women who admitted food sensitiveness complained of discomfort after eating apples, onions, cabbage or milk. Many who cannot touch raw apples or onions can digest with comfort boiled onions or cooked apples. Others who dare not eat boiled cabbage are able to digest cole slaw or sauerkraut, the doctors found.

Other common offenders among foods are wheat, chocolate, milk, egg, tomatoes and oranges.

If a person has indigestion, he can select from the following list of fairly innocuous foods, these physicians find: lamb, gelatin, butter, sugar, rice, rye, barley, arrowroot, tapioca, sago, Lima or soya or string beans, cooked apple, pineapple juice, beets, peas, asparagus, Irish and sweet potatoes, eggplant turnips, parsnips, pumpkin, artichokes, cooked pears and weak tea. —J. A. M. A.

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Genasprin tablets. do.	Rs. 1-0-0	remedy for wasting diseases, loss
"Patentx" Contraceptive set. Each	Rs. 3-8-0	of weight, anaemic conditions, etc.
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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 excess, 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 Vereneff, 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 Glandtreatment by the mouth, as best and most rational in the cure of Sexual weakness.

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* * *

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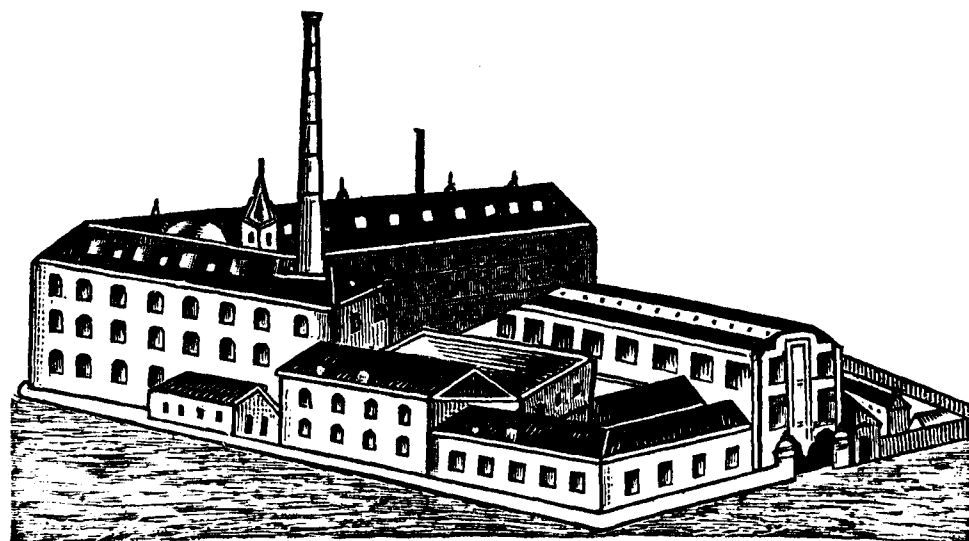
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Extract from commendatory article by Dr. Louis De Rochefort, published in the Journal of the French Medical Association. Jan. 1938.

"The gland preparation, 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.

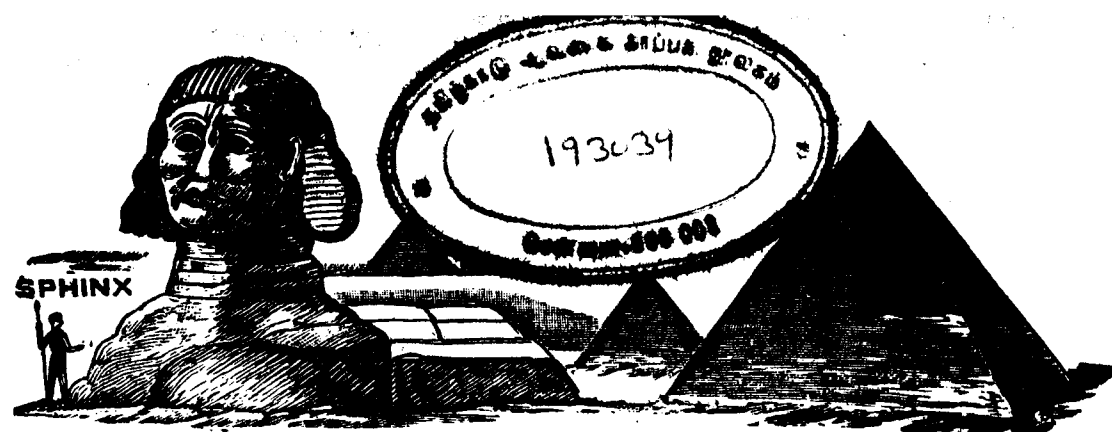
Dr. J. S. Vaucolles (Paris). "I take pleasure in certifying that Endophon is the finest remedy for Impotence and Sterility."

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