

MEDICAL SCIENCE

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WHOOPING COUGH.

One of the most curious anomalies of whooping cough mortality, which had long been recognized, was the consistently heavier death rate among girls. From respiratory causes, such as tuberculosis, pneumonia, and bronchitis, the mortality rates among young female children were 15 to 20 per cent. below those among boys; from infectious diseases, such as measles, scarlet fever and diphtheria, they were 5 to 10 per cent. lower; from whooping-cough the female mortality at ages under 5 years was 20 to 26 per cent. in excess of the corresponding male mortality and this excess had been remarkably constant since at least the middle of the nineteenth century. In other words, it had been unaffected either way by the growing urbanization of the country, while in addition it was found to be world wide. Statistics of case incidence were scanty but they were sufficient to show that there could be little doubt that females were more susceptible to clinical attack, especially after 2 years of age had been reached. Whether they succumbed more easily to attack or not once the disease was acquired was doubtful, but the figures available, suggested that after the first year of life they might do so. Various attempts had been made in the past to explain this heavier incidence upon females—for example, in terms of the sex differences in the formation and development of the larynx, and sex differences in sensitivity of the nervous system—but none of the hypotheses so far put forward seemed, on careful examination, to be adequate. An additional point for which no explanation was forthcoming was the disappearance, of this excess in female mortality in the second three months of life.

Another curious feature of the death rate from whooping-cough was the lower mortality in illegitimate infants, when compared with the legitimate, in the first three months of life, while at the same age lower death rates were found in urban districts when compared with rural. These characteristics were quite contrary to the general rule of mortality, and though it seemed plausible to suppose that some single explanation would account for them, a satisfactory explanation was still to be found. Dr. Bradford Hill suggested that the most likely solution lay in some selective force, for example, the premature death rate affecting the survivors—but use of available figures did not confirm this hypothesis. Another abnormal feature of the epidemiology of the disease that had existed for at least three-quarters of a century was the increasing proportion of early deaths with decreasing urbanization. This feature of the disease was not shown by measles. The latter acted according to "expectation"—namely, the more the "overcrowding" the earlier the liability to attack and death. Without further knowledge of its case incidence in various areas it did not seem possible to reach a definite conclusion on this further problem of its epidemiology. Dr. Bradford Hill concluded by saying that the relative importance to-day of whooping-cough as a cause of widespread sickness and death was perhaps still underrated, and that further steps to combat it were required. General notification of cases, or a careful study of the case incidence and fatality of the disease in limited areas, might contribute to this end by making clearer some of the present epidemiological obscurities.

The Great Scientific Discovery

of the

Bergeret Laboratories.

Progress in clinical medicine is 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.

193032

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 LeClerc's discovery, and assigned to the preparation its correct formula.

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

SCIENCE

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.	'Enjexor'

Syphilis—The Need for Effective Control

It is often said that Syphilis is a disease of the civilized world. Though it is not true etiologically, it is true practically. Although a similar disease is described in the books of Charak, it can be said with confidence that its existence in ancient period was very doubtful. It was probably brought into India by the early Portuguese settlers. At present like in Western countries, its victims are increasing in number so rapidly, that it has caused a great deal of anxiety amongst seriously thinking medical men, the Government and Public Health Bodies.

Essentially a Spirochete infection, starting as a beautifully round ulcer at the point of contact with another victim, it has a capacity to run a prolonged course. It is perfectly amenable to treatment excepting in its very advanced stages. It has also a capacity to "flair" up and cause serious damage to the cardiovascular system with the formation of granulomatous deposits, particularly in the skin and the nervous system.

In its primary stages it has the following characteristics:

- (a) A hard base.
- (b) The margins are sharply cut.
- (c) On pressure, a little serum effuses out which on slide examination may show typical spirochaete.
- (d) The ulcer as well as the glands are practically painless.
- (e) It is usually single and occurs on glands, penis or labia of the female.

The secondary stages are characterised by an appearance of dusky macular rash on chest and abdomen chiefly accompanied by sore throat slight fever and anaemia. The whole process is usually terminated within 2 months.

The eruptions may be popular, scaly or pustular and have a tendency to attack forehead and flexor muscles.

The final stages are noted for their modular or infiltrating gummatous deposits followed by scarring or ulceration, which effect oral cavity, the liver, abdominal organs, genito urinary organs and lead to fibroid degeneration, stricture or destruction of tissues and their functions.

Malignant Tumors of the Kidneys in Adults.

Examination of 145 adult kidneys removed by Abraham (*Urol. and Cut. Rev.*) showed the following *clinical types of malignancy*: (a) hypernephroma (the so-called Grawitz tumor), 87; (b) adenocarcinoma, 28; (c) carcinoma, 13; (d) papillary carcinoma of the renal pelvis, ten and (e) miscellaneous, seven.

The *Predominating symptoms* in order of relative frequency are:

- (1) Hematuria. An initial symptom in 60 per cent. In 80 per cent it is microscopic or macroscopic. The bleeding is *painless* except when the ureter is blocked by a clot in which case it may cause renal colic. It may last a day or two.
- (2) Pain. An initial symptom in 30 per cent. Its character varies from a dull ache to sharp neuralgic pains down the back and thighs (often erroneously interpreted as lumbago or sciatica). When the tumor ruptures through the capsule the pains become severe and constant.
- (3) Tumor mass. Best elicited by bimanual examination in the lateral position. When a tumor is palpated it denotes that the case is already advanced.
- (4) General toxic manifestations: loss of weight, cachexia and fever.
- (5) Gastro-intestinal symptoms; anorexia, nausea and vomit. Sometimes these are so severe as to create an impression that we are dealing with malignant disease of the stomach.
- (6) Metastases to bones and lymph glands.

Diagnostic Aids:

1. Flat Roentgenography to delineate outline, size, form and position of the kidney. Regard all irregularities of contour with suspicion.
2. Cystoscopy.
3. Pyelography (intravenous and retro grade). Retrograde Pyelography is best in 80 per cent. Where cystoscopes is impossible use the intravenous method.
4. X-ray of the colon to help in determining the retro-peritoneal position of the growth in relation to the colon.
5. Test for functional position of the kidneys.

Treatment.

Deep X-ray therapy should precede nephrectomy. It reduces the size of the growth. He favours the lumbar approach in preference to the transperitoneal nephrectomy. The latter route is best applicable to very large tumors.

A Treatise on Blood Pressure.

EDITORIAL

In these days of excitement, mental worries and hard labour for existence, several diseases seem to have become more common. Perhaps, the most common ailment at present is High Blood Pressure.

If we search a little more deeply into the problem, we find that the term "Blood Pressure" is used very liberally by lay people. As a matter of fact blood pressure everybody must have. What we should not have is high blood pressure. Even then, after ascertaining that a particular individual is suffering from High Blood Pressure it is a problem to solve as to how to reduce it. Not only that but in certain individuals, who in spite of having blood pressure are not feeling any symptoms of it, the attending physician has to decide whether he should continue to administer drugs to bring the blood pressure down or not.

Strictly speaking high blood pressure is certainly not a disease. It is merely a symptom which manifests itself due to some cause which one may or not be able to find out.

The underlying cause may be thickening of the arteries, due to lime deposit or may be due to increased amount of blood in a person or may be due to excessive viscosity of that fluid.

The systolic blood pressure recorded by a physician is nothing except the pressure of blood recorded within the arteries during the contraction of the left ventricle. The diastolic pressure is the pressure taken during the resting period of the heart. The difference between the two is the pulse pressure.

We know that the heart like every other organ in the body must have a sufficient amount of rest. Of course it is provided with extra reservation of energy and can withstand even surprising obstacles in the path of blood-supply with marvellous efficiency. Yet in case of high blood pressure, it has to cope with such a heavy pressure amounting to so many pounds, that it is not surprising if it fails in the long run.

Even if it does not fail in action there is yet another danger equally risky and that is the bursting of the blood vessels due to

its weakness. Usually the brain vessels which are very delicate burst first, especially those which supply internal capsule. The result is either a complete paralysis of one side or immediate death.

There are several causes though, which look trivial when examined casually, but are of immense importance when a case of high blood pressure is to be treated. Such causes are constipation, gas in abdomen, mental excitement and irregularities in diet. Equally important is the arterio-sclerosis of the glomerulii in kidneys. The protein diet has much been blamed recently, but Indians, a large majority of whom are purely vegetarian, also get their kidneys affected and so one does not know where one is.

A great deal can be done by the patient himself when once he is aware that he is the victim of the malady. He should try to lead a normal life. By normal I mean a life which is exactly according to all the normal codes of morality and principles of physiology. His excretory system must be evenly balanced and his habits should be quite regular. Late hours in the evening should be strictly prohibited. Milk vegetables & fruits should be taken as much as possible and the attending physician

should endeavour his best to find out some toxic focus of infection provided there is any—slight nasal infection or sepsis in the teeth must be treated immediately.

Another point of great importance is to keep one's self as cheerful and jolly throughout the day as possible. One great maxim that should be learnt by every patient of blood pressure is "never think of your own troubles particularly about your blood pressure." I would advise everybody not to ask his doctor as to what the reading of his blood pressure is.

If some medicine must be given—well give Clerosyl tablets. The main contents are theobromine, valerian, papaverine and bromide. All the ingredients have an age wide reputation. The coronary arteries are widened and the blood supply to the heart is increased. Even all the small vessels of the body are made to increase in their diameter. Thus the heart is made to work less than what it has been doing. Well that is the advantage for which we all have been striving. Further advantage of this to supply a good nervine sedative, which is so much needed in case of mental excitement which invariably accompanies high blood pressure.

THE MENACE OF OBESITY

EDITORIAL

The medical world is beginning to give the condition of obesity serious consideration. Up to now persons who were alarmed at their over-weight or under-weight were regarded in the light of faddists. Remedies for taking off pounds or adding stones were treated somewhat derisively. It is true that, in many cases, that effects were transient, and undesirable after-effects were frequently experienced. The pathology, as such, of obesity did not arrest medical attention. The relation between superfluous fat and a normal span of life was not vividly sensed. In a few words, physicians were not alive to the physiological implications and deranged organic functioning which overweight actually connotes. The gravity of the patient's case was not fully understood.

The Root-Cause of many Diseases.

The following observations have largely influenced contemporary medical outlook. Obesity rarely occurs before the age of 35. The developing organism, generally speaking, is immune from this morbid condition. Young men and women do not reveal disfiguring adipose tendencies. It is only when the milestone 35 has been passed that a person has cause for disquietude. Why is it a striking commonplace that many first-class illnesses do not occur until one has survived 35? Diabetes, as all of us are aware is destined, usually, for those who have passed 35. Vital

statistics and actuarial statements—in connection with insurance policies—indicate that obesity is a common phenomenon after the age of 35, and that it slowly but surely prepares the path for devastating and invariably fatal disease.

Organic Degeneration

Inevitable.

To the modern medical mind, obesity definitely signifies more than ungraceful bulges and curves and incapacity for ordinary activities. Excess of fat—in superficial tissues—is by no means the sum total of the case. The trouble goes deeper—it becomes organic—it has a deterrent, braking effect on normal physical function—it is equivalent, nay, it is no more than a degeneration of vital organs. These facts and statements become intelligible when it is remembered that the human body, as a whole, requires a definite amount of food-elements. This quantity must be accurately and carefully balanced. If nutrition is excessive, the superfluity is converted into fat. Overweight results. When a constitution is under nourished, it loses weight. Several other factors also come into play, heredity, glandular activity, and mental sluggishness (the last, one of the penalties of obesity). The underlying cause of this abnormal, morbid state—in technical language—is defective metabolism. The fat deposits are not burned away. The consequences are drastic enough. Take the example of the

heart. In an obese subject the cardiac muscle cells are replaced by fat. The muscle loses its elasticity. The cardiac nerves which control the rhythmic contraction of the organ are impaired. Heart weakness and dilatation are inevitable. Degeneration of the same nature also takes place in several organs and glands—the liver, kidney spleen and pancreas, particularly. Obesity can therefore be described as the root-cause of many major organic troubles. It calls for earnest study and specialized attention.

A Pathological Problem.

From a practical standpoint the medical man has to find ways and means to bring about fat-combustion. He can do this by commanding a rigorous limited diet. Here two factors, by no means, negligible, have to be reckoned with: 1. the patient's faithful co-operation; 2. the patient's powers of metabolism. The regulation of caloric intake alone has not proved successful hitherto. Average humanity lacks the will, the attention to succeed by adhering to the imposed dietary. Foreign fat-reducing agents must be introduced into the organism. But here the physician has to exercise extreme care. In the first place, certain "slimmers", like di-nitrophenols, prove definitely baneful. Formulae, involving these, are to be banned. Secondly, the slimming process for obvious physiological reasons cannot be too drastic. The tissues and skin have to adapt themselves to the new conditions. The organs have been displaced by fat bolsters, and return to their relative positions very slowly. Rapid fat-melting leads to disastrous consequences.

SURGEON PERFORMS DARING HEART OPERATION UPON HIMSELF.

Experiments upon a human cadaver showed that a probe, introduced into the large vein at the elbow, can be easily propelled to the heart.

A surgeon therefore experimented, upon himself. One of his colleagues opened his vein at the elbow and pushed somewhat over a foot of the probe up it. Then this experiment seemed to the assistant colleague too dangerous though there had been no trouble at all. He refused to go further—an attitude easily to be understood in a conscientious physician.

But the daring surgeon was not satisfied as since he did not find a willing helper, carried on the whole experiment all alone. He made a cut (under local anaesthetics) into his right elbow, which laid open the vein; cut this also open and introduced the well-oiled probe to its full length of about 2 feet. His feelings in doing so were those of slight heat, and once he felt an irritation of coughing (a fibre of the vagus nerve, possibly irritated).

The location of the probe was observed by X-rays. It showed the probe had followed exactly the bends of the veins and entered the right auricle of the heart. It was more than dare-devilish that the experimenter, with the probe actually in his heart, walked from the operating room to the X-ray room, and back; he even had to climb some stairs. All that, this surgeon could stand without pain and without being injured. Repetition of this experiment, however, cannot be recommended.

W. Schweishiemer, M.D.,

in

"Your Body", April, 1937.

Treatment of Chronic Gonorrhea in the Male.

According to Dr. F. A. Lafonte (Gazette Med. France) gonorrhea in the male becomes chronic when the acute symptoms have subsided and there persists a slight or moderate discharge which contains gonococci.

Chronic gonorrhea implies that the previously generalized inflammation has become more or less localised to areas of erosions or ulceration of the urethral mucosa or to inflammation of the glandular structures or membranes in or about the urethra.

In cases of chronic gonorrhea the best treatment is a Mixture and an Injection. Abortive treatment will aggravate the urethra and bring about complications.

"505" is the best treatment for chronic gonorrhea. The Mixture taken internally controls such distressing symptoms as pain, burning on urination, strangury and frequency. It does not upset the stomach. The Injection heals the ulcerations of the urethral mucosa or inflammation of the glandular structures and membranes in or about the urethra.

The Prostate Gland in "Middle Life"

According to Alan Chenery (*The Urol. and Cut. Rev.*) most men do not know that they have a prostate until they are past 50 when they develop hypertrophy of the prostate.

A fair proportion develop a prostatitis at any age as complication of gonorrhea.

There is, however, a large group who develop a non-specific prostatitis in middle life. About 75 per cent of all men past 35 will show pus in the material expressed on massage of the prostate. The expressed secretion normally does not show more than five W. B. C. in a high power field (when examined immediately under a cover slip). Such prostates are just as important foci of infection as the teeth, tonsils, sinuses, etc.

Non-specific prostatitis may be either acute or chronic. In the acute stage small abscesses may develop. The prostate becomes enlarged, smooth and boggy. It is tender on rectal palpation. There is fever, pain, frequency of urination and an aching feeling in the perineum and rectum.

In the chronic stage the following symptoms are encountered. Restlessness, nervousness, exhaustion, premature ejaculation and impotence, pain in the glans penis. Pain in the back is very common, worse in the morning. Various muscle pains. An itching or uneasy feeling in the neck of the bladder. Pruritus. The general health, however is very good.

Treatment. Gentle massage of the prostate every five days, at times followed by irrigations or instillations, and the occasional passage of full-sized sounds. This treatment is usually beneficial and in many cases curative. From 10 to 20 treatments constitute a course. Hot sitz baths and hot rectal irrigations for pains and dysuria in acute cases. Fruits and fruit juices for four or five days help overcome constipation.



MEDICAL HUMOUR

MEDICAL

OR

The Doctor's Funnybone

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

Scientists at Cornell University have succeeded in giving a pig nervous prostration. Now let them turn their talents to scaring a road hog out of his wits, if any.—*St. Louis Star-Times.*

Works Clerk: "Do you know if your father will be back at work next week?"

Child: "Doctor says he doesn't think so, 'cos he's afraid compensation's set in."—*London Punch.*

"George" said the bride's mother, "did you send for a doctor?"

"I sent for three," replied the efficiency expert proudly. "Whoever gets here first gets the case."—*Country Gentleman.*

"Intoxicated driving, uncontrolled thumbing, and indiscriminate spooning are among the major menaces to our highway safety. Or to put it more briefly: hic, hike and hug."

Two years ago an Australian furrier complained about poor business. He now writes his bank as follows: "Enclosed please find draft for a thousand pounds which pass to my credit. Last year I crossed a kangaroo with a raccoon and now I am raising fur coats with pockets."

Robert, six, had prayed long and ardently for a baby sister and without results. Then one night he added this.

"And please, if you have a baby almost finished, don't put in any tossils or adenoids, 'cause they'll cut'em out anyway."—*Canadian Doctor.*

Diner: "My doctor allows me only one glass of ale."

Sympathetic Waiter: "We have a glass sir, that holds a quart"—*Ibid.*

Doctor: "I don't like to mention it but that cheque you gave me has come back."

Patient: "Well, that sure is funny doc, so did my lumbago."

Caller: So the doctor brought you a little sister the other night, eh?

Tommy: Yeh; I guess it was the doctor done it. Anyway, I heard him tellin' pa some time ago that if he didn't pay his old bill he'd make trouble for him

"What you need, madame, is a little sun and air."

"But surely, doctor, I'd need a husband first?"

"Good morning, Mrs. Kelly," said the doctor, "did you take your husband's temperature, as I told you?"

"Yes, doctor, I borrowed a barometer and placed it on his chest: it said 'very dry' so I bought him a pint o' beer and he's gone back to work."

"What's the matter, Rastus? You look as mad as a wet hen."

"Why shouldn't Ah be? Th' doctuh what operated on me foh pendicitus went an' sewed me up wif white thread."—*Brooklyn Central.*

Not only is kissing likely to make you lose your teeth, as an Atlanta health-expert points out, but it's quite likely to make you lose your head and your heart, too.—*George Ryan in Boston Herald.*

At a recent party, a game called for each participant to represent the title of some famous book or novel. One elderly lady (who copped the prize) appeared with a large picture of the Dionne Quintuplets pinned across her gown. She said she represented Sinclair Lewis' latest novel, "It Can't Happen Here."

"Mother, does an apple a day keep the doctor away?"

"Well, Yes, dear, I have heard it said. But why?"

"Well, I think you had better give me one, as I've just broken the doctor's window"

SCIENCE

The Danger of White Sugar.

One of the greatest dietetic errors of the age is the almost universal use of white sugar. Along with white flour, it is responsible for many of the diseases that afflict civilised man.

The ordinary white cane sugar whether in granulated, loaf, or pulverised form, is but an extract of pure cane sugar, an extract which remains after the pure natural sugar has been put thorough such a through refining process that not a vestige of the lifegiving element of natural sugar remains. The same remarks apply to white flour.

White sugar is an acid-producer, and its use leaves many injurious effects on the body.

Science has establish the fact that an excessive amount of refined sugars and starches in the diet is the chief cause of diabetes and kidney disease. All evidence and observation strongly substantiate this theory.

The function of the pancreas is to restrict the excess absorption of sugar into the blood-stream. When the amount of sugar taken into the system is beyond capacity of this organ, it becomes over-burdened and weakened, to check the entry of excessive sugar into the blood-stream. The presence of excessive sugar in the blood-stream is the chief symptom of diabetes. Also, when the pancreas is overtaxed the body calls for more strenuous action on the part of the kidneys, lungs and skin, and any of these organs may also break down as a result of over work. Hence, an excessive consumption of sugar can cause disease of the organs mentioned.

The use of refined sugar is also the reason for the universal prevalence of bad teeth. Why this is so can be easily explained.

Calcium is an essential mineral salt which builds bones and teeth. People who have strong teeth are generously supplied with calcium. Those whose teeth are weak lack calcium. Now, refined sugar destroys the calcium in the blood, and the teeth and bones are deprived of the element needed

for their nourishment. The strength of the teeth is thus undermined, and so they become chalky and brittle.

All this harm is produced only by sugar which is processed and refined. Sugar in its natural state, as found in honey, dates, figs and raisins, and unprocessed cane sugar is essential to the system, and is indispensable as a liberator of heat and energy.

If you wish to cease endangering your own health and that of your children, stop using demineralised products as a whole; and white processed sugar in particular.

Let honey, unprocessed sugar, dates, figs raisins, and other fruits supply your sugar requirements, and in this way avoid the derangements of the body that result from the use of refined white sugar.

Powdered Bone as Remedy for Pyorrhea.

Boiled powdered bone was suggested as a remedy in pyorrhea and diseased jaw bones at a faculty clinic at Columbia University School of Dental and Oral Surgery.

Powdered bone was successful in treating pyorrhea and jaw bone damage in dogs Dr. Frank E. Beube reported.

"It seemed evident from the work on dogs that similar results could be hoped for by the use of the bone powder in lesions of the alveolar and maxillary bones of patients" Dr. Beube concluded.

The bone used in the experiments of Dr. Beube and Dr. Herbert F. Silvers was obtained from the long bones of sheep and cows. This boiled powdered bone was packed in to the holes surgically produced in the jaw bone to resemble the holes produced by disease or injury. Within a few weeks new bone natural cement layer and other dental tissues had grown in to replace those lost. In the case of pyorrhea, a "quite loose" tooth was firm in its socket after the powdered bone treatment had healed the diseased condition.—*Science News-Letters.*

Television Waves for Fighting Disease

Research men who have been studying the effect of ultra-short waves on the human body—the same waves that carry television broadcasts—are beginning to get definite results that may point the road to a new era in medicine.

Experiments tried out on human subjects show that some diseases that formerly needed long and doubtful treatments can be successfully cured by shooting short waves through the affected part.

Success has been reached mainly with ailments such as sciatica and lumbago. But some reports show signs of successful treatment of several types of tumours through short waves. This means that if the tumour can be dispersed by the waves no operation is necessary.

Scientific opinion is divided on what really causes the results. Some research

workers say that the waves themselves break up the diseased cells and thus disperse them.

Other claim that the actual waves do nothing, but that the heat set up by them obtains the desired result. Nobody knows the real reason.

JUST FEELS WARM.

Although high voltages are used, there is no possibility of electric shock. All that happens to the subject in the field of the rays is a sensation of heat. The body itself tries to provide this in some diseases by setting up a high temperature and a fever. Waves, however, can obtain this effect with perfect control, so that the fever can be brought on and dispersed at will.

The apparatus itself is complicated. The waves, coming from a small transmitter using up to 2,000 volts are from two to five metres in length.

A 3.5-metre wave is at present being used in a London laboratory to destroy a preparation of tetanus toxin. This is the same wave-band as ultrashort wave television.

NOTICE.

The remedies listed herein have been carefully chosen from different manufacturers in France and England by our **Pharmaceutical Products 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 CHOICE OF THE EXPERT" REMEDIES OF PROVED RELIABILITY.

ARE YOU SUFFERING FROM CORNS?



Get rid of them by using **Eugene Sargisson's Corn Solvent**. A few applications, and the pain and tenderness disappears, then the Corn dries up, and can be pulled out painlessly. Sold in vials. Three are sufficient to cure.

Per vial 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

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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. 6 bots. Rs. 12-0-0.

Dr. Stanley Willson's CHLORODYNE

As prescribed by the Medical Profession.

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

Invaluable for Asthma, Shortness of Breath, Coughs, 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.

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MEDICAL

"THE CHOICE OF THE EXPERT"

GALAXIN

THE GENUINE BLOOD CLEANSER

BEFORE
TREATMENT

AFTER
TREATMENT

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

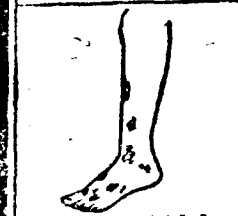
POWERFUL PENETRATING PERSISTENT



PIMPLES



FRECKLES
COPPER PATCHES



ECZEMA



SORES



ALL REMOVED



CLEAR, HEALTHY
SKIN



CURED



BANISHED

GUARANTEED TO CURE:—Pimples, Freckles, Copper Patches, Blotches, Sores, Boils, Ulcers, Dhobies Itch, Psoriasis, Eczema, Lepra, 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

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."

P. C. Singh. Great Indian Hotel. Forbes Street, Bombay. (writes) "Your **Galaxin** is truly miraculous. Nine bottles cured me of the malady I was suffering from. A doctor said it was **Lepra**. I had tried previously, Ayurvedic and herbal remedies, without result."

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

By Permission.

AN OPEN LETTER TO THE PUBLIC

Dear Sir; Madam,

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

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

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

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

Sincerely yours,

The Anglo-French Medical Agency.

AND GET VALUE FOR EVERY RUPEE SPENT.

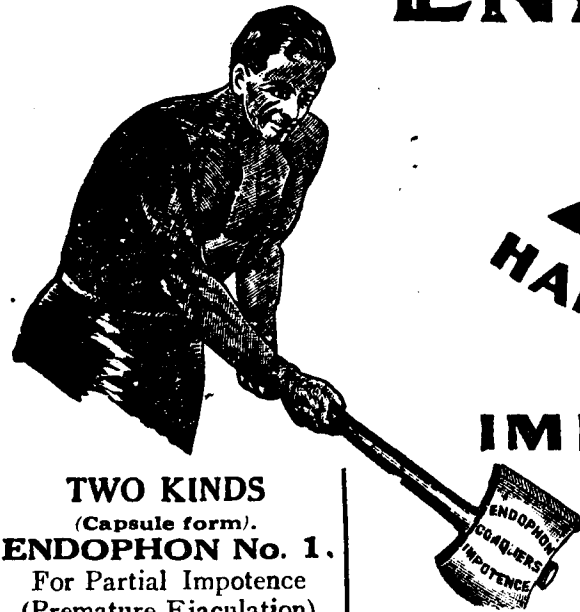
MEDICAL

'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 being advertised under various trade names.

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

Manufactured by **THE BERGERET LABORATORIES, FRANCE**, by special methods, and correctly balanced, **ENDOPHON** is of inestimable value in Sexual Weakness. Only 100% fresh Gland Extracts are used, which directly after manufacture are sealed in tasteless gelatine capsules.

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

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

A complete course of **Endophon No. 1.** for Partial Impotence, ie, (Premature Ejaculation-Feeble Erection) is four months, comprising 20 bottles, and the cost, if ordered at a time is Rs. 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.

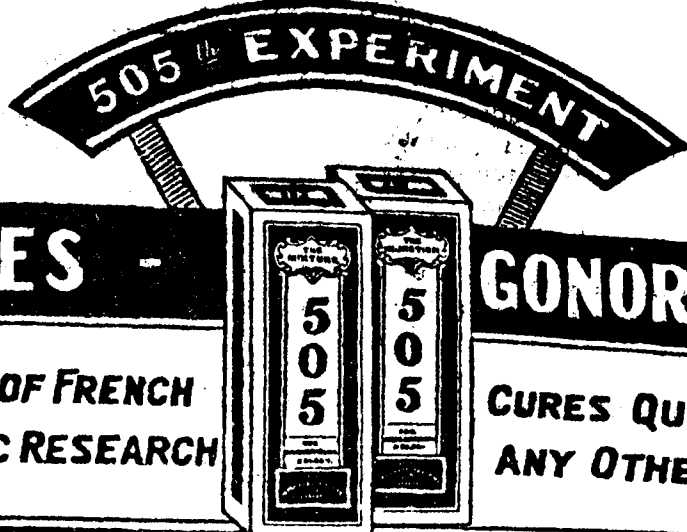
ORDER TO-DAY A COMPLETE COURSE

— — AND OBTAIN A PERMANENT CURE.

NOT WORTHLESS 'QUACKS'

1930 30

"THE CHOICE OF THE EXPERT" MEDICAL



CURES - GONORRHOEA

A TRIUMPH OF FRENCH SCIENTIFIC RESEARCH

CURES QUICKER THAN ANY OTHER REMEDY

QUICKLY & PERMANENTLY

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

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

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

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

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

THE TREATMENT COMPRISES.

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

IF YOU WANT LASTING RESULTS

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 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....."
(Gon. Cure No. 445).

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.)

BUY A GENUINE REMEDY.

“THE CHOICE OF THE EXPERT” MEDICAL

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, by 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.

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.

DEAL WITH A FIRM OF REPUTATION

SCIENCE

“THE CHOICE OF THE EXPERT”
FOR URGENT - ADVANCED CASES.

LADIES!

Avoid worry and
Failure

by taking the safe and sure remedy for irregularities,—**Rennard's Female Mixture**, and obtain quick relief.

Its powerful action guarantees **SUCCESS** always, even if the case is far-advanced. Therefore, don't risk failure by trying worthless preparations.



Rennard's Mixture does the needful in a few days, what others may or may not do in a month. It is far superior to the numerous imitations that abound, for it **Acts in every case**, and is non-poisonous, and leaves no serious after-effects whatever.

**READ THESE LETTERS OF APPRECIATION
FROM SATISFIED CUSTOMERS.**

(NAMES ARE NOT PUBLISHED FOR OBVIOUS REASONS.)

Mrs.—(Nagpur.) ‘Your Mixture acted wonderfully with no bad effects.’
Mrs.—(Simla.) Rennard's Mixture had the desired effect within a week.
Mrs.—(Delhi.) ‘Your famous Mixture gave me relief after only four days treatment. You may rely on my orders in future.’

Price
Per Bottle
Rs. 30.

Tele Code:
‘ROYAL’



**RENNARD'S MIXTURE IS
FULLY GUARANTEED**

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

Note. The latest time that it can be taken with success is two months over-due.

ONCE USED - ALWAYS PREFERRED

MEDICAL

FRESH STOCKS
RECEIVED

FINEST
HIGH - CLASS

PROVED BY TEST



WEEKLY BY
AIR MAIL

RUBBER
PREVENTATIVES

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
"HATU BRAND"

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



As Thin as Tissue
Yet Strong as Silk

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

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....."

Thinnest
Quality

AMERICAN TIPS.

Skin-Like
Texture

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

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

Four Points Worth your Consideration.

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



A SURE METHOD OF BIRTH CONTROL

PRICES:—1 doz Rs. 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 'ticklers' 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
DESIGN

PASSIONETTE
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.

Price:—1 doz. Rs. 18. ½ doz. Rs. 9-8. ¼ doz. Rs. 5.
Tel: 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. 'Crofox'

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

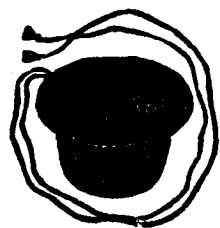
1 doz. Rs. 18. ½ doz. Rs. 9-8. ¼ doz. Rs. 5

"YVONNE"

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" **Chinosol Soluble Pessaries.**

An Excellent method of Birth Control.

Price per box (12 Pessaries) Rs. 2-8. 3 boxes Rs. 7.

WHIRLING SPRAYS.



(British Make).

An excellent vaginal flushing-out apparatus for Ladies with forward and reverse current. Simple to use. Guaranteed to last for two years. Price Rs. 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. Tasteless in tea, coffee or wine.

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).

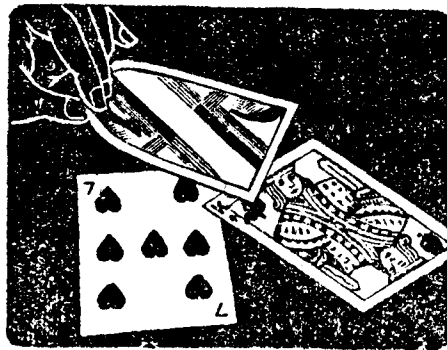
Sold in phials.

Rs. 12-8 a phial.

WE STOCK ONLY GENUINE REMEDIES.

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

"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**.

Price
Per Bottle
Rs. 30.
—
Tel: Code.
"ROYAL"

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.

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

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

"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 which 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:—**Rennard's Female Mixture** in conjunction with **Renocal Pills No. 2**, as directed. The treatment comprises one bottle of **Rennard's Mixture** and two bottles of **Renocal Pills No. 2**. 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"
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.

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. Use 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.	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.....	Tele. Code. "Zabin"
6 bottles of each "505" Mixture and Injection.	Rs. 40-0-0.....	Tele. Code. "Zabif"

DEAL WITH A FIRM OF REPUTATION

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 at any time

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

HOW THE TREATMENT CURES.

"505" Mixture.

(Taken internally).

"505" Injection.

(Self-injected).

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. 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.

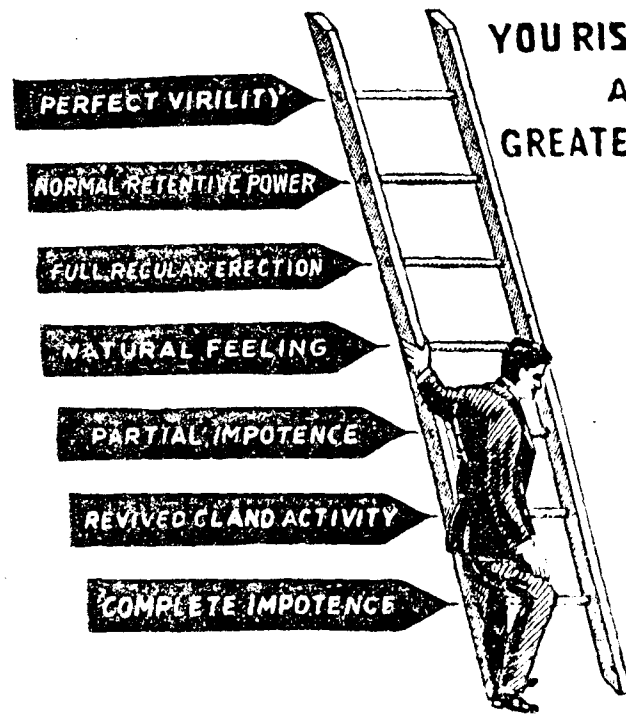
"Your "505" treatment is wonderful. It worked something like a miracle. I'll boost it as much as I can....."

WE STOCK ONLY GENUINE REMEDIES.

MEDICAL

"THE CHOICE OF THE EXPERT"

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 anytime. 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 scien-
tifically 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 by removing
excessive sensitiveness.

A BRITISH PRODUCT.

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

NOT WORTHLESS 'QUACKS'

"THE CHOICE OF THE EXPERT"
COPY OF
CERTIFICATE OF MERIT.

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

THE
INSTITUTE OF SCIENCE.

*This is to Certify
That Endophon Glandular Extract
- a product of Bergeret Laboratories,
has been carefully tested and found
to possess remarkable curative efficacy
in the treatment of
IMPOTENCE
We strongly recommend it from a firm
conviction that it is the best remedy
and
from a sense of duty to the
Profession and Public.*

Paris.
3rd April 1937.

Pierre De Sartines.
Director.

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:-

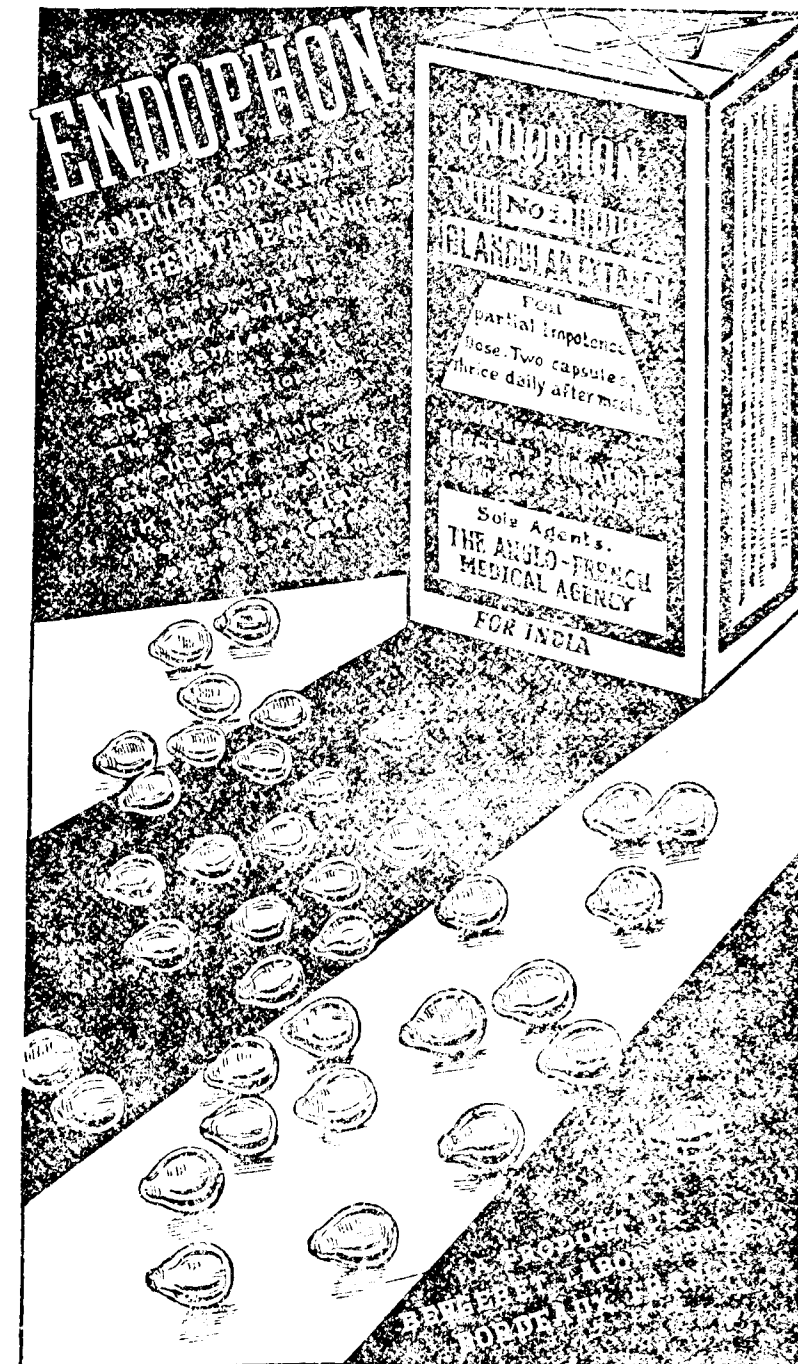
"Your Endophon No. 1. is a great remedy. I am now perfectly normal. I must confess that I hardly expected this result and in three months, after experiencing so much disappointment in the past....."

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.



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. 6-6-0. 3 bottles Rs. 18. 6 bottles Rs. 34.
Telegraphic Code. 3 bots. Endophon No. 1. 'Entra' 6 bots. Endophon No. 1. 'Entron'
3 bots. Endophon No. 2. 'Enje' 6 bots. Endophon No. 2. 'Enjexor'

Gonorrheal Urethritis in the Female

The urethra is by far the most common seat of primary infection in the female. The cervix is next in frequency. In children the vagina is chiefly involved. The female urethra is a straight short tube about $1\frac{1}{2}$ inches in length and can readily be inspected endoscopically but instrumentation is contra-indicated in acute cases. Its internal sphincter usually acts as a barrier to upward extension into the bladder.

Acute gonorrheal urethritis seldom comes under observation. The discharge which occurs is usually interpreted as being due to "catching-cold" or it is erroneously explained as a "leucorrhea" which has become worse. Or sometimes it is interpreted as "bladder" trouble. Injections and instrumentation are not to be used in the acute stage. The patient should secure rest in bed and mild permanganate douches may be prescribed. Internal medication with balsamics, like "505" will insure relief from the distressing "bladder" symptoms.

The disease tends to become *chronic* because the infection penetrates into the deeper glandular structures especially in those glands situated near the external urinary meatus. On endoscopy the prominent and swollen openings of these glands may be seen. By stripping the urethra with the finger in the vagina a drop of pus may be expressed. The urethra itself feels like a hard cord. Sometimes on endoscopic examination one may also observe a diverticulum of the urethra which in addition to the infected glands may also act as foci of infection. These foci may be the cause of gonorrheal arthritis.

Irritate Any Cell: Result—Cancer

Any cell in the living body can become a cancer if it is sufficiently irritated.

This is the latest scientific conclusion from studies upon mice and rats by Drs. W. F. Dunning, M. R. Curtis and F. D. Bullock of Columbia University's Institute of Cancer Research.

The prevalent idea that avoiding irritation is one of the best methods of cancer prevention is upheld in their report in the *American Journal of Cancer*.

Distemper Protects Monkeys Against Poliomyelitis

Using the germ or virus of a mild disease to protect against attacks of another more serious disease virus may be the method of the future for protecting against such intractable ailments as infantile paralysis.

This possibility appears in a report by Drs. Gilbert Dalldorff, Margaret Douglass and H. E. Robinson, of Grasslands Hospital laboratories, Valhalla, N. Y. (*Science*, February 12th).

The virus of dog distemper, these scientists found, protects monkeys against infantile paralysis. In the Grasslands laboratories, the infantile paralysis death-rate for monkeys is 100 per cent. Ordinarily all the monkeys die of the disease. When monkeys suffering from distemper, as a result of infection with dog distemper virus, were infected with infantile paralysis virus, only one-third of the animals died. Of the two-third that recovered, half had no paralysis when they got well. Even in those animals that died the paralysis set in later than in the controls.

These results show that a relatively mild disease can to a certain extent protect against an invariably fatal one. The studies also suggest, the scientists point out the existence of a new immunity or protective mechanism in the virus field, which at present is one of the most baffling in medicine.

Acid Destroys Gallstones

Gallstones apparently can form and survive only by "staying on the alkaline side," it appears from the report of researches by Dr. Maurice Feldman and associates of the University of Maryland School of Medicine. They implanted human gallstones in the gallbladders of dogs. The stones dissolved, apparently because dog bile is more acid than that found in the human gallbladder. Gallstones similarly implanted in guinea pigs which have alkaline bile, failed to dissolve.—*Science News Letter*.

DO YOU KNOW ???

At least 13 kinds of mosquitoes in India carry malaria.

Negroes are practically immune to cancer of the skin.

Heat waves are blamed for more illness and death than are cold waves.

Tomatoes absorb odors more easily than any other fruit.

Hypnotism as an aid to dentistry is being tried in the Royal Dental Hospital in London.

Not many farmers realize that salt will poison hogs, if fed in too large quantities.

Poison ivy may grow as a climbing vine, an upstanding shrub, or a ground trailing plant.

Pneumonia was a disease that afflicted ancient Egyptians, it was learned from evidence in the lung of an Egyptian mummy.

The government of Panama is to wage a campaign against malaria in 1937 and 1938.

A study of dust storms and their possible effect on health revealed that pathogenic organisms were not actually carried by the dust.

By aid of an electric stethoscope, heartbeats of people before and after exercising were broadcast recently by the radio.

About one wild rabbit in a hundred is infected with the dangerous germ of the disease tularemia or rabbit fever, which can be transmitted to man.

The islands of Langerhans in the pancreas, which produce insulin, were first described by Paul Langerhans when he was still a medical student.

In a recent survey, dentists rated the professional cleaning of teeth as the most vital work they do, because of its importance in preventing dental troubles.

Ammonia is named for the Egyptian god Ammon, near whose temple in the Libyan Desert ammonia was once largely obtained.

Tuberculosis in cattle has been reduced to less than half of one per cent in 43 states, and there is hope that the disease will be conquered in American cattle.

Although tularemia is often called rabbit fever, the infection can be caught by man from over 20 kind of wild animals and insects.

A Japanese physician has taken X-ray sound moving pictures of heart and lungs in both healthy and sick persons.

Medieval bronzes made in the mysterious African Kingdom of Benin are so beautifully designed and executed that a German scholar has said: "Benevenuto Cellini himself could not have made better casts, nor anyone else before or since to the present day."

"Don't these doctors who prescribe sports hurt your business?"

"No, I'm getting \$10 a dozen for golf pills," the druggist replied.

Proctitis and Constipation

Guy W. Burns (*Clin. Med. and Surg.*) is convinced that chronic *proctitis* and *proctocolitis* are the causes of chronic constipation. Ninety per cent of our people have proctitis in some form or degree. Procto-colitis is an inflammation of the mucous lining of the rectum and sigmoid. The first effect of the inflammation is to *dry out the tissues*. In the rectum this drying out process is characterized by an inflammatory exudate which accumulates on the rectal mucosa and is carried away with the fecal matter.

On the other hand, the exudate UNDER the mucosa cannot escape and must burrow through the tissues forming channels which become filled with foul, toxic material. In time the rectal tissue becomes destroyed and the mucous membrane becomes detached from the submucosa like wet wallpaper from a wall. Later, as destruction proceeds, the connective tissue becomes involved and the lining hangs in loose folds. This condition is always a precursor of internal hemorrhoids.

Persistent inflammation as well as contraction of the anal structures eventuate into stasis in the circulation of the anus and in the anal exit. These changes cause straining at stool which lead to the formation of sacs and pockets around and in the anal orifice. The frail mucous membrane cracks, fissures form readily and ulcerations follow. If the channel walls break down and become infected then an ana-rectal abscess or fistula develops. Ulceration and cicatricial stenosis destroy normal elasticity and normal function.

There is an area in the upper-middle anterior wall which is especially apt to become indurated and ulcerated. It bleeds freely when touched.

The recto-sigmoid junction (the third sphincter of Berine) and other diseased part of the rectum undergo contraction followed by stenosis. This causes a chronic toxemia as evidenced by fetor oris, coated tongue, "indigestion" belching of gas, flatulence, bilious headache, early dental decay, upper respiratory infection, inability to perspire, malassimilation, nervousness, insomnia, pains in the back, and of the spine, legs and joints, putty-colored face, skin eruptions, painful and irregular heart action, dyspnea, dizziness and neuralgic symptoms elsewhere.

A rectal examination twice a year is advocated as a prophylactic measure.

Germ-Killing Chemicals in Onions and Garlic

Weeping over onions may soon be changed to cheering for this and its companion vegetable, garlic.

The very chemicals in onions and garlic which bring tears to the cook's eyes as she prepares the vegetables are now found to have germ-killing powers which may be useful in fighting disease. The germ-killing, tearstarting chemicals have been isolated for the first time by Dr. Richard E. Vollrath, professor of physics, and Dr. Carl C. Lindegren, chairman of the bacteriological department, at the University of Southern California.

The germ-killer from onions is ally aldehyde, that from garlic is the less poisonous crotonic aldehyde. Tests are now under way to determine the usefulness of these substances in healing infectious diseases due to germs. The fact that onions do not spoil readily and have remarkable resistance to bacterial attack led to the present discovery.—*Science News-Letter*.

Shock After Burns.

In H. W. Rose's Article on "The Initial Cold Water Treatment For Burns (*Northwest Med.*, July, 1936), attention is called to two types of shock which may occur after burns:

1. *Primary Shock*. This is due to pain as a result of direct injury to the nerves. This causes reflex dilatation of the blood vessels. This shock is rapidly controlled (without opiates) by the use of cold tap water. Cold wet dressings are applied to small areas while extremities are placed in basins containing cold water. If the burn is extensive the patient is placed in a tub of cold water.

2. *Secondary Shock*. This type of shock develops as a result of the loss of body fluids (hypo-hydration). In such cases cold water therapy is supplemented by fluid therapy. This includes water by mouth, transfusion of blood (even while the patient is in the tub). If a donor is not available acacia is given intravenously. After two hours, the water is gradually warmed from 60-70 degrees F. to 98 degrees F., which should be the temperature at the beginning of the third hour. The patient now gets a hypodermic of morphine preparatory to mild debridement and other local measures.

SOME PRACTICAL HINTS ON HOW TO SUCCESSFULLY TREAT TUBERCULOSIS

The world is not yet freed from that dreadful malady of Tuberculosis which has still remained a perpetual obsession to so many people, young and old, and the pity about the matter is that its approach is so stealthy and noiseless, that it takes years together before the presence of the disease in a given individual can be located. While in the West, organised endeavours on the part of certain philanthropic Societies have given to the problem the sincere and serious attention it deserves, the State too was not lagging behind. In Great Britain, the committee under Lord Astor appointed in 1911, reported on the matter and suggested a scheme for combating Tuberculosis, which consisted in the establishment of Tuberculosis Institutes and Residential Sanatoria, while the Public Health or (Tuberculosis) Act of 1921 made it obligatory on the counties to arrange for the treatment of all sufferers from Tuberculosis. It is thus easy to understand that in England and other civilized countries of the West, definite responsibilities have been accepted by the State and to the pursuit of such a vigorous health policy can be traced, the steady fall in the annual death rate from Tuberculosis in the last few decades.

However, we in India cannot shirk the problem. While the annual toll of this deadly disease for the last few years has either increased or remained steady, it has decidedly not fallen, and in this respect Death statistics remain singularly tongue-tied. On an appreciation of the particular implications of the Indian situation, the

problem of the ways and means of fighting Tuberculosis, is presented to us with a still deeper and thought-provoking seriousness. In India, intensive state enterprise is still in its infancy, while the Tuberculosis Clinics are only conspicuous by their absence. The acute poverty of the masses, the extremely insanitary conditions under which they live, the general state of illiteracy and the blank ignorance about the laws of Health and Hygiene, have all contributed in an important degree towards the upward trend of our death rate from Tuberculosis. Who then is to look after the sufferers—poor silent sufferers from Tuberculosis? Not the State—and not the social or philanthropic organizations.....

With the modern physician lies their fate.

It is no wonder therefore if the poor, helpless and the forlorn come to their trusted doctors, and to their wisdom and knowledge entrust their recovery or death. In many cases the doctor scents the disease by mere observation of the symptoms and sometimes he holds his judgement until the Specialist submits his own findings on the case. And it is not in a few cases that the doctor lacks the necessary mental make-up to be prepared to handle the intricacies of the Tubercular cases, and too often forces him to seek admission into a Hospital or Sanatorium. But does he know what an injury such a segregation means to the diseased? Alone and aloof he is to be confined and to be tortured in desolation unless... [P. T. O.]

Unless he can have some help from Science.

Confinement or segregation in a hillside Sanatorium is not the exclusive treatment for Tuberculosis. Much more is needed. In the lap of Nature where there is plentiful of sunlight, more of fresh air, a plethora of beautiful greenery and such an abundance of beautiful associations; all have such a beneficial influence on the mind of the patient and are doubtless important contributory forces which speed up the pace of recovery, BUT SURELY DO NOT BRING ABOUT RECOVERY ITSELF. Cases are no record where patients were segregated because the doctor suspected them to be Consumptives, though, facts of these cases never warranted such a treatment, having only evinced a leaning toward Tuberculosis and hence could well have been nipped in the very bud in the privacy of their homestead.

The point is this, that one has to be critical in his judgement which can only be pronounced when there is enough evidence to the effect. Stated below are some unmistakable conditions in Tuberculosis patients:—

The revealment of Tubercle Bacilli in the sputum.
Persistent rales in the upper part of the chest.
Paranchymatous lesion as shown by X-ray.
Focal reaction as determined by X-ray after subcutaneous test of 10 mg. or less of O.T.
History of unexplained Haemoptysis.
History of unexplained pleural effusion.
Symptoms of Toxaemia.
Fever over 99. F. in men or 96. 6. F. in women; and pulse over 90 in men or 96 in women.

While if the disease is in its early stages, the symptoms are correspondingly slight—the patient may feel a little rundown, a little feverish in the evenings, inclined to get tired on an amount of exertion that would previously have not had this effect, or he may be dyspeptic and find that he has lost his appetite; or the only thing that he

may notice is that he is getting thinner. It must not, however, be supposed that these tests are infallible, and may as well spring from conditions other than Tuberculosis. But that is a point which only a careful and skilled examination can settle. Sometimes it is necessary to X-ray the patient's chest, to examine the phlegm several times in order to discover whether or not it contains *Tubercle bacilli*, to take his temperature nights and mornings for some weeks and to carry out other and even more elaborate tests, for

The tubercle bacilli are deep imbedded.

Tuberculosis is a very insidious condition and for a long time rests in hiding, finally manifesting itself in certain inescapable symptoms.

The *Tubercle Bacilli* causes the disease, and is characterized by the formation of tubercles which are small nodular masses of the diseased tissue, which spreading in all directions disseminate the infection throughout the body. Some time every adult man living in a modern city gets infected with these germs but only a few of them contract Tuberculosis. The human body has a natural immunity to this disease, which it is able to resist by invading the germs or by shutting them up in a small fibrous tissue, and the disease develops only when, either the germs make a massive attack or when the resistance of the body is low. The lungs and lymph glands are chiefly the objects of invasion, and it is no uncommon experience that sometimes even the liver, intestines, spleen, kidneys, bones, joints, pleura, peritonium and brain are affected. Pulmonary Tuberculosis is marked by destruction of the portions of the lungs, the expectoration of purulent phlegm, cough, shortness of breath and more or less severe haemorrhages.

ALBERT NEISSER

Discoverer of the cause of Gonorrhoea

BY ADOLPH BEILIN

The name of Albert Neisser will be perpetuated for his discovery of the causal agent of gonorrhoea. However, gonorrhoea is still one of the most prevalent infections. This disease and other sexual diseases have existed since the dawn of civilization.

Health authorities have estimated that one out of ten persons in the United States suffers from some form of venereal disease. Despite all the modern prophylactic measures and the knowledge of effective prevention of gonorrheal infections after exposure, nevertheless indifference, ignorance and false prudery are still largely responsible for the undue prevalence of this disease. Gonorrhea is entirely a human affliction. In adults it is almost invariably transmitted through sex contact, but in some instances the gonococcus may remain alive on towels, clothing or bedding for short periods of time and thus infrequently prove infective. The disease has been known to spread rapidly through schools and orphan asylums in which infected attendants have been employed. Sterility in women and blindness in new-born babies are frequently produced by the gonococcus; but in recent years the prevention and treatment of gonorrheal infections have under-gone considerable progress. A 2 per cent solution of silver nitrate in the eyes of a new-born infant is a positive preventive of blindness from this disease. This preventive measure is now used throughout the civilized world.

The cause of gonorrhea remained unknown until 1879. In that year Albert Neisser, following the bacteriologic methods of Koch, poured a watery solution of methyl violet over a bit of gonorrheal pus and then examined it under high power magnification through a microscope. In this manner he was first to discover the gonococcus.

Neisser was born at Breslau, Germany, Jan. 22, 1855, and he lived until 1916. For many years prior to the discovery which brought him into world prominence, he was successively professor of skin and venereal diseases and occupant of the chair in dermatology at the University of Breslau. His studies embraced almost the entire field of dermatology and syphilology, and he was first to observe the tuberculous nature of lupus, an external form of tuberculosis. An indefatigable research worker and writer, he was particularly active in studying the prophylaxis of venereal diseases in general and the prostitution problem from the sociologic, national-economic and ethical points of view. Like his father, who was a practising physician at Breslau before him, Neisser was held in high esteem by all who knew him. For his isolation of the gonococcus, numerous researches on various pathogenic microbes and incessant warfare against infectious disease, he rose to immortal leadership in the cause of medical progress and human welfare.

Complications of Gonorrhoea

The causative organism of gonorrhoea, micro-coccus gonorrhoea was first described by Neisser in 1877. It is an acute infection with a primary lesion which is usually urethritis. It is usually followed by numerous secondary and systemic manifestations of which the most common are epididymitis, salpingitis, arthritis, synovitis and endocarditis.

It is not a killing disease in itself, but looking to its far-reaching sequences, it does not fall very far short of syphilis. It should never be neglected.

Its organism is biscuit-shaped which occurs in pairs, usually within the leucocytes. It occurs in adults due to impure sexual intercourse, in the new born child due to vaginal contamination and in elder children due to accidental infection.

Regarding the systemic gonococcal infection, the most important in gonococcal septicaemia and pyemia, Thayer and Blumer were the first to cultivate gonococci from the blood of a patient. The death rate though not very high, is of considerable high ratio.

Next in importance comes, Gonorrhoeal arthritis, which in many respects is the most damaging and disabling of all the complications of gonorrhoea. It occurs in 2 to 5 per

cent of cases. It occurs more frequently in males than females. As a rule it is found when gonorrhoea is in an acute stage but, it can also be seen when the attack is subacute or even chronic. A gonorrhoeal arthritis of great intensity may be found in a woman newly married, being infected by the old gleet in her husband. As a rule, many joints are affected together. Clinically the variability and obstinacy are two main features.

In certain cases wandering pains are detected near the joints, without redness or swelling. In others hydrarthrosis spondylitis and painful heel are found.

Iritis is another complication which is not infrequently found and which has a tendency to recur with every attack subsequently. Sometimes meningitis, myelitis and true neuritis occur.

The search for the primary lesion and a thought of the possibility of gonorrhoeal infection are the best safeguards. The most common blunder that one can commit is to mistake gonococcus arthritis for rheumatic fever. The persistence of trouble in one or two joints and changes in other joints should put one on guard. In gonorrhoea the swelling often extends more above and below joints than in other forms of arthritis. The compliment fixation test is sometimes of value.

The best treatment for a patient suffering from Gonorrhoea is "505" Mixture and Injection. This scientific treatment has been tested on thousands of cases and proved a through and permanent cure.

How to Prevent Decay of the Teeth

By a Dental Surgeon.

—o—

An Elusive Magic Formula.

This article is a little different from the average in that no pretence is made to formulate a cure for dental caries, or decay, for once that has commenced the body has no power whatsoever to repair the damage which has been done. In that respect the teeth are definitely different from all other structures in the body, except, possibly, the joints, in that once degenerative changes have taken place the utmost we may expect from Nature is an arrest of the damaging process; but in order to achieve this object we must adopt the usual Natural Cure methods.

It may be stated, straight away, that there is only one cure for teeth damaged by decay, and that is operative; teeth too badly decayed for restoration must be extracted. Sometimes, if sufficient crown remains, but the nerve is involved, the latter may be painlessly removed and the crown built up; most often the decayed dentine and enamel are removed and the crown restored by means of suitable dental filling materials. Such restored teeth, if the operation be skilfully carried out, and if a Natural Cure regimen be adopted, are serviceable for life, and in every respect as good as undamaged teeth.

A very great deal of cant and hypocrisy is preached about prevention of dental decay, even by those well qualified to know better. The layman can unfortunately look for little hope of enlightenment in quarters from which he might reasonably expect the most. Tremendous sums of money are to-day being spent on research, with the object of discovering a magic formula to enable us to prevent decay of the teeth by administration of manufactured preparations, often assuming the guise of vitamin concentrates, the use of antiseptic preparations to the teeth and mouth themselves, or even so-called preventive operative measures to anticipate the disease before it occurs. All those measures are worse than useless, for they take no need of the conditions which brought about the diseases, and make no attempt to assist Nature by removing the cause of the breakdown of normal physiological processes. The reader may be particularly warned against the use of vitamin concentrates, for nearly all of those actually aggravate the disease by further embarrassing an already overtaxed digestion but of this more anon. On the other hand, they are, and always must remain, ineffectual attempts to cheat natural forces, and it would seem the scientists and research workers never lose hope of achieving the hopeless objective. [P. T. O.]

The Cult of Repression.

Even supposing that such artificial means are actually found to be in any degree successful in the one purpose, that is, to reduce or abolish the incidence of dental caries, the cure, if not in accord with Natural Cure principles, is bound to be worse than the disease. Such 'cure' can only be of the repressive variety, and in the same way that pent-up steam, continually generated, must find a way of escape, so with pent-up disease, and repressed dental disease will bring about exactly the same results as repressed disease in any other part of the body, and find new outlets. Fresh ailments develop later in parts and organs having apparently no connection with the teeth but to those who understand the Natural Cure philosophy the problem presents no mystery.

There are certain peculiarities in the incidence of dental decay which in themselves provide a clue to the basic cause at work in its production. It occurs with unmistakable persistence in the teeth of children, and in very large numbers of cases ceases, or the process

greatly slows down, after the age of adolescence. While that is by no means universal, sufficient of such examples occur to make one suspect that growth and caries are somehow connected.

The Use of Proteins.

Such connection may be found by a consideration of those foods providing the body with the elements required for growth and tissue-repair, namely, the group known as proteins. It is actually found that growing children up and down the country are habitually given a diet in which the foods they require figure in deficient amounts, the adult members of the family at the same time consuming excessive quantities. Result deficiency on the one hand, excess on the other. It is true to state that if a definite daily ration of protein be given to both groups, a deficiency for the young people, or excess for the grown-ups, would be bound to occur.

Very few families plan differentiated menus, bearing this point in mind for it is extremely easy to underestimate the protein ration required by growing boys and girls and equally easy to overestimate that required by an adult.

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Pure Honey. 1 lb. bot.	Rs. 3-8-0	Cod Liver Oil. "Bauta" brand,
Parrish's Chemical Food .Large bot.	Rs. 1-4-0	Extra fine, medicinal. Made in
Genasprin tablets. do.	Rs. 1-0-0	Norway. Family size. 1 gallon
"Pa'tentx" Contraceptive set. Each	Rs. 3-8-0	tins. Rs. 6-4-0 per tin.
Pure Olive Oil. 8 oz.	Rs. 1-0-0	
Calomel Ointment. 1 oz. pot	Rs. 2-0-0	
	Three pots. Rs. 5-0-0	

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THE ANGLO-FRENCH MEDICAL AGENCY.

GLANDULAR THERAPY. 193038

By Dr. A. F. De Saint-Croix. Journal of Medicine, 4th Feb. '37.

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

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

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

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

Recently the new system has been perfected by Dr. Serge Voronoff, the eminent Russian Surgeon, to such a degree, that surprising results have been recorded in books of medical statistics.

He had organized a regular monkey hospital where one could find every type and breed of monkeys, whose natural habits and tendencies were regularly studied, since the testes is also concerned in the development of mental faculties and physical phenomenon, the implantation of a suitable testicular gland of a good breed of monkey becomes essential and inevitable.

A good deal of information about the above subjects can also be obtained from an authoritative publication put forward by Dr. Edward Retterar, a Parisian Professor.

It is also a truth that the most forward medical men whose opinions are valued by physicians of the whole world have personally carried out experiments, and have without

reservation, put their stamp of approval on the system and advocated its tremendous possibilities.

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

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

Another factor of great importance is the preservation and stability of these products.

Absolute freshness is essential. The gelatine capsule is recognised as the best method of preserving freshness and therapeutic efficacy. The vital gland substances are completely sealed in the gelatine envelope, and all possibility of deterioration is eliminated.

* * * * *

The Scientists of **Bergeret Laboratories** have discovered after years of research and experiment a glandular extract of unusual efficacy in the treatment of sexual weakness. This preparation is **Endophon**, which is available in two different kinds. **No. 1** is for Partial Impotence, and **No. 2** for Complete Impotence and Sterility. This Great Product has won tremendous success, and this has led to its widest medical recognition. It is different to the usual run of Glandular preparations, being the **Star Product of Bergeret Laboratories**, who have for more than a quarter of a century manufactured Organotherapeutic products for the medical profession.

ENDOPHON

Glandular Extract (No. 1 & No. 2)..

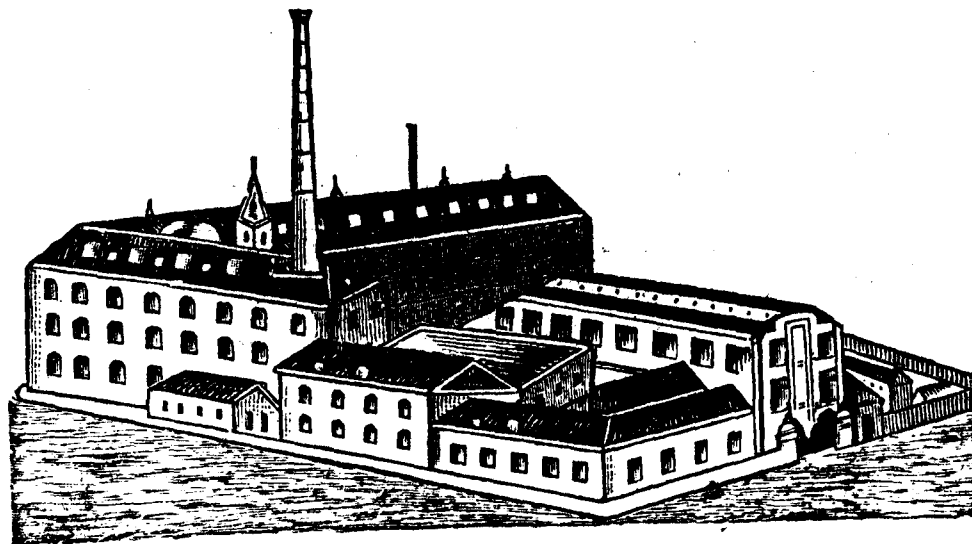
Made by Bergeret Laboratories

There is a saying: *A chain is no stronger than its weakest link.* Whether in the construction of a mousetrap or the manufacture of a pharmaceutical product, perfection can only be attained and maintained by zealous care and attention to every detail. The chain of manufacture of the famous preparation 'ENDOPHON' is perfect, one of the most important links being the careful selection of gland extracts that in quality and freshness equal the highest standard. This Great Scientific Remedy has met with astonishing success in the cure of sexual weakness.

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

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BERGERET LABORATORIES.

Bordeaux. France. (Front view above)

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

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

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

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