

Medical Service

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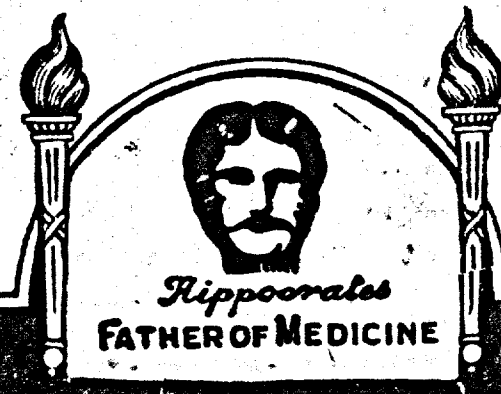
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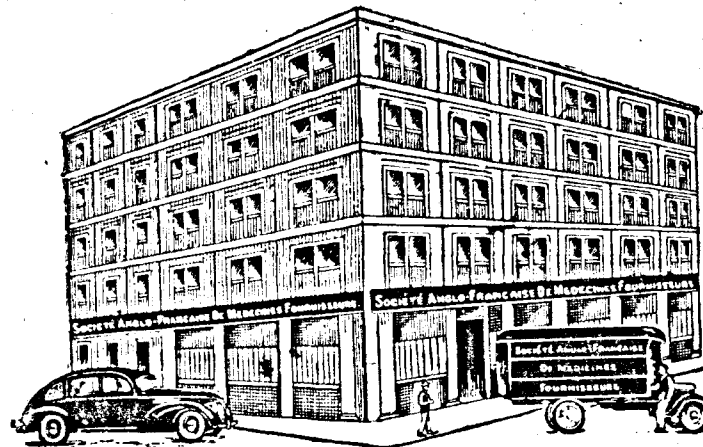
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1943.



FOREWORD



HEAD OFFICE.

149, Rue Montpresnil. Paris. France.

(Now at London, owing to German occupation of France.)

WE GUARANTEE TO CURE YOU Or Refund Your Money.

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

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

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

The Anglo-French Medical Agency (India) Ltd.

(Eastern Head Office.)

Post Box No. 148, Broadway, Madras.

Manager: C. W. Heath. (British)

Telegraphic Address:—"CURE"—MADRAS.

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

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

MEDICAL SCIENCE

VOL. 7.

JULY 1943.

No. 4.

* The tale of the latest marvel brought by science into the home of Everyman

Television Triumphs

By A. N. May



The fundamental principles involved in modern television have nearly all been known for many years, and indeed are very simple. To send a picture over a single communication channel, we must break it up into its elements, much as a page of print can be broken up into individual letters, then transmit the "letters" in a predetermined order, and at the receiving end string the letters together in the correct order to build up a reproduction of the original picture. This method of "scanning" was invented by Nipkow in 1884, and his method is in principle the one in use today--the picture is "read" as one reads a page, tracing it line by line from top to bottom. The photo-electric cell, which is necessary to turn variations of light intensity into variations in electrical intensity, has been known since 1875. The cathode-ray tube, which builds up the received picture on a fluorescent screen by varying the strength of a

moving beam of electrons or cathode-rays, was invented by Braun in 1897. To this must be added that in 1904 a television system was described by Campbell-Swinton which in principle is the duplicate in almost every respect of the system at present in use.

With the principles and method of television enunciated so long ago, how is it, then, that the achievement has taken so long? The answer is, of course, that to put these principles into practice in a way that would give a worthy result required a vast amount of development in every component of the system. Several basic discoveries, without which television as we know it today could not exist, had to be made.

An acoustic amplifier must deal faithfully with variations of intensity which occur as slowly as 30 per second, and as fast as 10,000 per second. The upper limit of the television amplifier is

NOTICE.

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

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

The Anglo-French Medical Agency (India) Ltd.

WRITE FOR GENERAL CATALOGUE.

fixed by the number of elements into which the picture is split up, and in the modern system ("400 lines") this has been fixed as 1,60,000 (400×400), repeated every $1/25$ th of a second. So that the speed at which variations of intensity may follow each other is 40,00,000 per second, and the amplifier must deal faithfully with all frequencies from 25 cycles to about 3,000,000 cycles, an increase of *three hundred times*. This is not the whole story, because the very slightest variation in the time relationships of any of these frequencies in their passage through the amplifier cannot be tolerated; the amplification required is of the order of 100,000,000 times at the transmitting end, and a further 20,000 or so at the receiving end. Such performances have only been made possible in the last few years by thirty years' work or more on valves and circuits. The amplifier is not the only part of the receiving set which has a difficult task to perform, for in addition we must have scanning circuits which will deflect the beam of the cathode-ray tube simultaneously *across* the screen 10,000 times a second, and *down* 25 times a second, flying back rapidly at the end of each traverse and performing each traverse in exact synchronism with the master oscillator at the transmitting station.

From the above, it is not surprising that a television receiver contains about twenty valves, which include a receiver and amplifier for the sound signal.

An essential feature of modern receivers is, of course, the cathode-ray tube. Here, again, though the principles have been known for years, a vast amount of work has gone into the development of the present-day cathode-ray tube. The requirements are: a beam of electrons carrying as much current as possible to be projected with high velocity, and focused into a very small spot on a fluorescent screen which will have a high

efficiency for transforming electron energy into light; a very short time-lag in going dark again when the electron beam has passed on. The strength of the beam must be instantaneously variable in correct proportion to the received signal, and it must be capable of very rapid movement without loss of focus. Finally, it must be capable of continuous operation for many hundreds of hours without deterioration or breakdown.

The electrons in the beam all have similar charges and repel each other; consequently, unless some form of focusing is used, a narrow beam will diverge and form a large spot on the screen. New means of focusing have been developed whereby electric or magnetic fields focus a diverging beam of electrons in exactly the same way as a lens focuses a divergent beam of light. "Electron optics" and "electron lenses" are exactly analogous to visual optics and lenses, the refractive index depending on the speed of the light in the medium, and the path of the electron is determined by the shape and disposition of the refracting surfaces, in this case surfaces where the potential changes. Electron lenses have been developed which are capable of focusing without aberrations widely diverging beams of electrons into a fine spot which remains in good focus however fast the beam is moved.

The electron energy is turned into light by the fluorescent screen, whose efficiency as a converter is low. But it must be pointed out that its efficiency is of no lower order than that of other sources of light, and its control by the strength of the electron beam is very simple and effective. The cathode-ray tube is at the moment the most satisfactory device for image reproduction.

We have not yet considered the very first link in the chain from object to image—the "television eye" which transforms a complex pattern of light in

space into a complex pattern of electrical impulses in time, and repeats the operation 25 times a second.

The difficulty here has always lain in the extremely small amount of light which is available from the object. A film in a camera can register an image in a twenty-fifth of a second with ease, but light is falling on the film over each element of the image for the whole of that time. If we have to divide the image into 160,000 elements, and transmit a signal from each element in turn proportional to the intensity of the light falling on it, and complete the whole process in $1/25$ th second, we have to find a device which is sensitive enough to be actuated by $1/160,000$ of the light which actuated the film.

If we can arrange for the energy produced by the light to be stored up for the whole of the picture time ($1/25$ th second) and transmitted as a whole at the appropriate time, we shall immediately have a gain in sensitivity of 160,000. This is just the principle on which the Emitron camera works. The actual gain falls far short of this figure, but is sufficient to give an adequate signal from subjects of ordinary light intensity, and sensitivity greater than any of the alternative devices.

The method adopted to the above end is surprisingly similar to that described by Campbell-Swinton in 1904. The optical image falls on an array of tiny photo-electric cells, each insulated from the others. Under the action of the light, each element of the photo-electric mosaic emits electrons in proportion to the intensity of the light, and builds up a positive charge. A cathode-ray beam sweeps across the surfaces of the mosaic in exact synchronism with the beams of all the receiving cathode-ray tubes, "makes contact" with each element in turn, and discharges instantaneously the charge accumulated during

the whole of the picture-time ($1/25$ th second). This charge is transmitted to the amplifiers.

The device consists, then, of an insulating, metal-backed surface, covered with a number of insulated, photo-sensitive particles (usually sensitised globules of silver on mica), and a cathode-ray "gun," similar to those in cathode-ray tubes. The whole is enclosed in an evacuated envelope of glass. This device was first patented in America in 1925, but a great deal of work has since been done on it in that country and in England, to make it a practical device. The sensitivity of the present tubes has only reached about 10 per cent of the theoretical. There is thus an enormous reserve of sensitivity still to be utilised. A recent development, the so-called "Super-Emitron," holds promise of a further ten times gain in sensitivity.

Television transmission has to be done on the short wave because the frequency-band which has to be transmitted is so wide that one single television transmitter working on medium waves would use most of the band at present used by all the sound-broadcasting stations. These short waves were practically unexplored country a few years ago, and new circuits and aerial systems have had to be worked out. In the same way, existing cables were quite inadequate for the transmission of television signals by land-line, and new cables had to be developed.

It is hoped that enough has been said to give some idea of the complexity and difficulty of the problem involved in high-definition television, and to make it stand out as a great scientific achievement. The difficulty is mainly due to the extraordinary accuracy and intolerance of the human eye, and in comparison with that instrument all our artificial methods are unbelievably clumsy.

1962/16

* Right and wrong theories
about parachute-jumping.

Lifebuoy of the Air

By Th. Grotius

Shortly after the brothers Montgolfier invented the balloon in 1782 they began to consider ways and means of escape from it in case of accident. But their inventive genius failed them in the search for a safety first contrivance, and it was not until 1797 that the first parachute saved a man's life. The inventor was Blanchard, famous for the first balloon flight across the Channel in 1785. But the hero of the first aerial plunage was one Andre-Jacques Garnerin, although it is to Blanchard's credit that he would not let Garnerin test his invention before exhaustive experiments had been carried out with dogs and cats.

Blanchard's parachute was made fast, already fully opened out, to the under side of the gondola. It had the appearance of an enormous silken umbrella. The prospective parachutist ensconced himself in a tiny basket tied to the "umbrella" by a network of ropes. Precariously perched under the gondola he waited until the balloon had reached an agreed height. Then Blanchard leaned out, cut the necessary ropes, and left the cumbrous affair to float earth-wards.

In 1812 Garnerin made the first parachute descent in England. He used a similar model to Blanchard's, but this time he himself severed the links between the balloon and the aerial umbrella.

The parachute to which Garnerin entrusted his life in 1812 before the admiring gaze of the London crowd had almost twice the area of the type used to-day. He floated down at a speed of about 3 yards a second. The speed at which a parachutist travels to-day is twice as great and the impact on landing is equal to that of a leap from a height of some 10 feet.

For his London descent Garnerin cut himself adrift from the balloon at a height of nearly 8,000 feet. It was a windy day and the thousands of spectators gathered below soon noticed with horror that the little basket in which he sat was swinging violently. Eventually it turned a complete somersault and remained upside down. The crowd expected the Frenchman to come hurtling earthwards at any moment; women fainted and strong men closed their eyes. But Garnerin rode his bucking, leaping basket safely to earth to become the man of the hour.

Among the many who congratulated Garnerin on his feat was Robert Cocking. He was a balloon enthusiast and had watched this new development with the keenest interest. Particularly had he noticed the instability of Garnerin's parachute—its crazy swinging motion and its inadequate basket—and he set himself

the task of inventing an improved model.

Cocking's aim was praiseworthy enough, but unfortunately he worked on quite erroneous principles. He considered Blanchard's parachute to be faulty because the opening was on the under side. Turn the opening round, so that you had an inverted umbrella, and there would be no dangerous swinging motion! That was his idea, and he constructed a parachute according to the principle, quite overlooking the fact that his invention offered scarcely any air-resistance—the essential saving element of every parachute. However, his contrivance was so strongly and heavily braced that no existing balloon was large enough to lift into the air it and its prospective passenger. So Cocking lived another twenty-five years. In 1837, at last, a suitable balloon became available, and he hastened to put his parachute to the test.

The ascent took place in London, and a huge crowd assembled to witness the demonstration. Both balloon and "parachute" were gaudily decorated, as was the custom in those early days of aerial venture. At a height of some 6,000 feet Cocking shouted "Ready" to the two men in the gondola above, and cut the lines. The spectators saw a billowing, flapping mass of fabric whirl down from the balloon—and a tiny black figure rapidly spinning towards them.

Robert Cocking had made a fatal error. But even so he must be numbered among the pioneers of the parachute, for by his own death he testified to the correctness of the Blanchard model. And the next parachutist—John Hampton, another Englishman—followed Blanchard's model closely. Hampton performed shortly after Cocking's death, and in his publicity posters referred to the latter's fate in terms which would be considered in rather poor taste to-day. He made several successful descents and invariably made a point of landing with the appearance of being at his last gasp. He was a born showman—and the public had to have a run for their money.

Hampton was probably the originator of a misconception which is widespread even to-day. He declared that to make a parachute descent was tantamount to suffering strangulation—the air draught being so powerful as to force the air from the lungs. Today there are many who believe that to leap from a great height—say from the thirtieth floor of a skyscraper—entails death long before reaching the ground. But it has been conclusively proved by delayed-drop parachutists that this idea is completely erroneous. During a delayed-drop descent an enormous speed is attained, and yet the exponents of the art declare that the sensation of falling is quite unnoticed. The feeling is rather

one of floating in the air, whilst the earth comes smoothly up to meet one. The eyes water, as they do in strong wind, but breathing is comfortable and the mental faculties remain unimpaired.

However, right up to the year 1919 Hampton's fallacious theory was accepted. Parachutes must be opened automatically, since the passenger might lose consciousness and thus be unable to perform the duty himself. The usual method of opening a parachute was by a cord attached to the opening mechanism and to the balloon or aeroplane. When the leap was made, the cord snapped and automatically opened the parachute.

During the Great War a considerable number of observation balloon officers saved themselves by means of automatically opened parachutes. But it was not until after the War that the first modern, voluntarily opened model was perfected. The man responsible for the present effective type of "air lifebuoy" was an American, Leslie Irvin.

Irvin was a first-class swimmer, with a particular penchant for high diving. He practised from more and more ambitious heights, and finally was able to plunge from a height of 80 feet. He found the experience so easy and natural that he could not understand why making a parachute leap should necessarily entail loss of consciousness. Soon he was

devoting all his time to experiments with various models of parachutes.

In 1919 Irvin's new ideas began to find sympathy, and he was able to arrange a demonstration of his "voluntary opening" parachute before a number of American experts. Irvin himself made the descent. As the little black figure left the plane and came tumbling down there were many who turned their eyes away. Moments passed and still Irvin came speeding to certain death. Something must be wrong! But at last a thin white line was seen trailing behind the falling figure. Rapidly it spread until it resembled a small white cloud. And then there was a sudden sharp report like a pistol shot and the parachute spread out fully, checking the descent from headlong plunge to tranquil drift.

Irvin's descent in 1919 was the first in which the voluntary principle was employed—incidentally it was also the first delayed drop. Since then the parachute has been an indispensable accessory to aviation.

There are still many problems to be solved. Not the least important, in these days, is the question of the parachute as an offensive weapon. During the tense days before Czechoslovakia was engulfed by Germany it was rumoured that the Germans planned to land 8,000 men in Prague by parachute.

And the spectacular Russian "mass descents" have often figured in the news. last twenty years 3,000 people have escaped certain death, solely because

Hitherto, however, the parachute- they entrusted their lives to the lifebuoy has only been used for saving life, and of the air.

Yes-yes Men

Died: Isaac Fuld, 74, co-inventor with his brother of the Ouija Board, in Baltimore, Maryland. Though Fuld and his brother William began manufacturing the device in 1904, Ouija (derived from the French and German words for "yes") didn't reach fad proportions until 1920. Then the board and its three-legged indicator—supposed to answer any question in some mystic manner—started selling into the millions.

—*Newsweek* (New York)

Nobody? Well, Hardly anybody

"Nobody can claim, on scientific grounds, that the conversion of cereals into alcohol is other than sheer waste, at the present time," says the National Poultry Council.

The council have told the Ministry of Agriculture and Fishery that "enormous quantities of cereals are being used for purely unproductive purposes, namely, brewing and distilling."—*Star* (London).

Improving Story

Nathan Jacobson, of Punxsutawney, Pennsylvania, complained to the police that he was robbed of \$ 800 while sleeping at the Association for the Improvement of the Poor.

—*The New York Times* (New York)

Accidents caused 93,000 deaths in the United States during 1939.

—*Evening News* (London).

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 glutted"—

Dr. S. C. Elliott. (Rangoon.)

Everything that contributes to Curative Power is embodied in these Scientific Remedies.

18th, CENTURY PROPHECY



The time will come, when thou shalt lift
thine eyes
To watch a long-drawn battle in the skies,
While aged peasants, too amazed for words,
Stare at the flying fleets of wond'rous birds.
England, so long the mistress of the sea,
Where winds and waves confess her
sovereignty,
Her ancient triumphs yet on high shall
bear,
And reign, the sovereign of the conquered
air.

(Translated from Gray's 'Luna Habitabilis',
Cambridge 1737)

Make it come true! Over two hundred years ago this remarkable vision of the war in the air was written down in Latin verse by the great English poet who composed the famous 'Elegy'. To make Great Britain 'Sovereign of the conquered air' is now our task. There is no time to 'stare at the flying fleets,' we must exert all our energies to increase them. Everyone must help. You can help with money.

Send a donation now to the Governor's War Fund for the purchase of Planes for the R.A.F. Every anna counts!

BRITISH EMPIRE—Immense influence for good.

Cured By Machinery!

And a man who breathed artificially for two years!

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

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

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

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

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

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

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 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 into 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*.

ROAD MAKERS OF SCIENCE



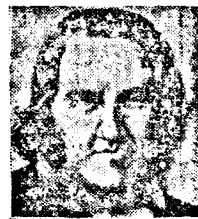
Lord Lister.
Discovery of the anti-septic system of surgery.



Dr. William Harvey.
Discovery of the circulation of the blood.



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



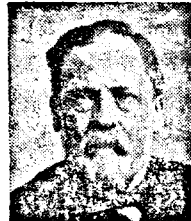
Sir James Simpson.
Discovery of Chloroform. Thus made possible painless operations.



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



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



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

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



Prof. BROWN-SEQUARD, making his great discovery.

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

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

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

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

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

Humanity is beginning to see how to live.

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

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

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

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

* *Life in Lapland—by one who has just returned from there.*

Jonas the Wolf-Hunter

By Frank Illingworth

It had been a long journey—thirty-six hours by boat, nearly a day and a half by express train up the spine of Sweden, seven hours by bus. And now I stood in Karasundo, roughly two hundred miles north of the Circle in Arctic Lapland, awaiting the arrival of Jonas-the-wolf-hunter with his two reindeer sleighs. It was cold, and despite the early hour almost dark.

Jonas was a typical Karasundo Lapp... a thick-set little man of about five feet four inches with the high cheek bones, broad forehead, and slanting eyes of the Mongol. A wide belt, from which hung a wooden cup and spoon and a knife, gathered in his coat at the waist; his trousers tapered to the ankles and disappeared within grass-lined boots; and as he greeted me with a bow, the crimson pom-pom atop his cap flopped over the other ear. He was to be my host, and I took an instant liking to him. I was welcome, but to be a social success I must know a little of Lappish etiquette.

I had learnt in southern Lapland that the Lapp's tent is his castle. By all means the traveller may enter uninvited, for to lack shelter in the Arctic winter is to risk frostbite and death itself; but he must not step across the two logs placed at an angle to each other just inside the entrance, for they mark the extent of the Lapp's "hall."

After a very long drive the pulkas (sledges) drew up amid a shower of snow by Jonas's conically shaped tent. Jonas's wife was busy. As I entered, she pushed aside a pile of boot-grass drying by the fire; stretched towards the crib hanging from the side of the tent her head. Within lay the youngest Jonas child, bound up like a mummy. No wonder, I thought, so many Lapp infants suffocate in their cribs. Mrs. Jonas breast-fed the child without removing it from the the crib (by the simple expedient of holding

the crib against herself!) before placing the baby, satisfied and warm, over her head. Then she turned to other wifely duties; there was the fire to be fed, coffee to be brewed, a huge pile of priceless furs to be tidied, dogs to be kicked out of the way.

Life in Lapland revolves round the care of the reindeer. The animals provide the Lapps with clothing, bedding, thread; with a method of transport across a wicked tundra practically bare of roads; with bone from which to make implements; with a means of purchasing a wife; and, above all, with food and milk... though it is in comparatively recent times that the Lapp learnt to milk his reindeer. Without his reindeer the Lapp would assuredly perish. So it is that as the herds move from the mountains in the summer to the frozen marshes and forests in the winter, the Lapp must root up his tent and follow them. Day in day out the Lapp tends his reindeer; his wife cures the reindeer meat and pelts; his dogs protect them from the ravages of the wolf. It is not surprising, therefore, that, as the guardian of his herds, the Lapp should love his dogs.

In all seriousness I was told that centuries ago, in the days before animals lost the power to converse freely with Man, a Lapp dog watched a Lapp trying to round up his herd. Being hungry, the animal offered his help.

"Would you but make me three promises," said the dog, "I and my friends will serve you faithfully for ever, protecting your herds from the cruel wolf,"

"What, dog," queried the Lapp, "are those three promises?"

"That you feed us once a day, that you never beat us when we are tired, that you hang us when too old to work."

(Contd. on page 44)

REMEDIES OF PROVED RELIABILITY.

Eugene Sargisson's Corn Solvent.
A positive Cure.
Per vial Rs. 2-8-0.

Shaw's Worm Lozenges
Effective for dislodging round and thread worms from the intestines.
1 box Rs. 2-8-0. 3 boxes Rs. 7-0-0.

Dr. Macdonald's Permanent Leucoderma Cure.
This Ointment is guaranteed to cure Leucoderma completely and permanently. Rs. 3-8-0 per pot. Three pots Rs. 9-8-0.

Dr. Scott's AGUE KILLER.
This remedy is very effective in all cases of Ague.
Rs. 3-8-0 per bot. Three bots. Rs. 9-8-0. Six bots. Rs. 18-0-0.

QUININE SULPHATE Compound.
Invaluable for the prevention and cure of all fevers. 5 gr. Sugar-coated tablets. 50 in each bottle. Made by A. H. Cox & Co., Ltd., Brighton England. 1 bot. Rs. 3-8-0.

Pure Saccharine Powder.
Made in England. 1 lb. tin nett. Rs. 37-8-0.

Note.—Any products can be supplied from our large stock. WRITE TO US for anything medical.

GOLDEN Eye Ointment.
Per pot. Rs. 2-8-0.

TOUCH and GO Toothache Solution.
Per vial Re. 1-0-0.

BRONCHIAL LOZENGES (Extra Strong.)
For coughs, colds, inflamed throat, and to relieve all lung troubles. 40 in each tin.
Per tin Rs. 2-8-0. 3 tins Rs. 7-0-0.

Mr.—".....I find your remedies much better than the others....."

Mr.—".....I tried almost every remedy without any permanent benefit. It was in rather a sceptical frame of mind that I decided to give your preparation **ENDOPHON** a trial. I am glad to say that it has cured me permanently. The Whooping Cough Remedy that I bought last month for my youngest child has also proved effective. His cough has entirely disappeared. You have my permission to publish this testimonial in a confidential way....."

REEVE'S HAIR RESTORER

Not a Dye.

Safe and Sure

Not a Dye.

A few applications and greyness vanishes.....your hair becomes its natural colour, with a glossy softness to be admired. It cleanses the scalp and invigorates the roots. It prevents Dandruff and stops the hair from falling out. It cures partial baldness permanently.

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 bottle Rs. 4-8 3 bottles Rs. 12. 6 bottles Rs. 22.

REXOL Anti-Sensitive Solution

Recommended for use with **Endophon No. 1**. Prevents Premature ejaculation by removing excessive sensitiveness. It is not drastic, so harmful to this delicate part, but gentle and sure in its action.

A BRITISH PRODUCT. 1 bottle Rs. 3-8. 3 bottles Rs. 9. 6 bottles Rs. 17.

Sole Agents:—THE ANGLO-FRENCH MEDICAL AGENCY, (INDIA) LTD.,
Post Box No. 148, Broadway, Madras.

Bayonne No. 1 and 2. for all Uterine disorders, i. e. Leucorrhœa (Whites) pains in the womb, painful, profuse, scanty or suppressed menstruation, etc. Comprises **Bayonne No. 1.** (Elixer for internal use) and **Bayonne No. 2.** (Injection).
Prices: 1 bot. Bayonne No. 1. (Elixer) Rs. 5-8-0.
1 bot. Bayonne No. 2. (Injection) Rs. 5-8-0.
3 bots. of each Rs. 28-0-0.
6 bots. of each Rs. 55-0-0.

SALONA Haemoglobin Compound.
The best remedy for all forms of **Anaemia.** Made in England. Approved by London Board of Health. Used by St. Mary's, Queen Charlotte's and Guy's Hospitals. (Capsule form)
Per bot. Rs. 4-8. 3 bots. Rs. 12.

Marienbad Anti-Obesity Tablets.
Guaranteed to remove superfluous fat quickly and safely. Does not weaken the heart. Sold in tins containing 60 tablets.
Per tin Rs. 3-8. 3 tins Rs. 10.

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

Chapelles Liver Tablets.
Cures all liver affections, enlarged liver, etc. Try a bottle and note the results.
Per bot. Rs. 3-8. 3 bots. Rs. 10.

Chaulmoogra Oil Capsules 10 minims. Made by A. H. Cox & Co.; Ltd. England. Rs. 2-14-0 per 100.

"SIROLIN" syrup for coughs, chest and lungs.

Price Rs. 3-8-0 for 8 oz. bot.

Anti-Malarial Tablets.

Guaranteed to cure Malaria safely and permanently. Better than ordinary Quinine.
Per bot. Rs. 3-8. 3 bots. Rs. 10.

"DONALIN"

The Tonic-Food Specific.
For Debility, Faintness, Hysteria Weakness, Exhaustion, Worry, Loss of Appetite, Brain-Fag, etc. Made in England to the formula of Dr. A. L. De Ravnac. Approved by Doctors.

Prices: 1 bot. Rs. 7-8.
3 bots. Rs. 21. 6 bots. Rs. 40.

Pure Halibut Liver Oil Capsules with Calcium Phosphates.

Each capsule contains 2½ minims of Pure Halibut Liver Oil with 2 grains of Calcium Phosphate. Equal to 32,000 units **Vitamin A** and 2,000 units **Vitamin D** per gramme. Invaluable for children. T. B., excessive thinness, malnutrition, etc. Made in England. Tins of 24 capsules.

Per tin Rs. 3-8. 3 tins Rs. 10.

Extracts from some of the hundreds of letters of appreciation received.

Mr. —".....The La Roche treatment is very good. I used only seven bottles and it cured me perfectly. I tried other preparations without success. They are not a patch on your preparations. I shall gladly recommend your splendid Agency and genuine remedies to my friends....."

THE CHOICE OF THE EXPERT



PANCRE-VITE

THE ORAL INSULIN COMPOUND
FOR DIABETES

MANY IMITATIONS - BUT NO EQUAL

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

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

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

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

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



Dr. Armand Grimard
Diabetes Specialist.

MANY IMITATIONS but NONE EQUAL to PANCRE-VITE!

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



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

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

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

Prices: 1 bot. Rs. 7-8-0 3 bots. Rs. 21-0-0 6 bots. Rs. 40-0-0
Tel. Code. 3 bots. "Pan" 6 bots. "Panning"

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

THE CHOICE OF THE EXPERT

READ WHAT CURED PATIENTS SAY:

These are a few of the many hundreds of testimonials Received during the past five years; which are genuine and unsolicited.

WONDERFUL CHANGE

Mr. A. F. Webb. "Palm Court" Ground Floor. Churchgate Reclamation. Bombay. ".....I was tired of having Insulin injections daily. My doctor advised me to take by mouth Pancre-Vite. I followed his advice and am glad to say that the course of treatment effected a wonderful change in my condition. I have never felt so fit as I do now, since I got diabetes. There is no sign whatever of the disease....."

Completely Cured.

Mrs. S. T. Davis. 8, St. George's Gate Rd. Hastings. Calcutta. ".....I suffered for over five years with diabetes. It robbed me of energy and vitality. The digestive organs were also impaired, so my food seemed tasteless and like lead in my stomach. I passed a dreary existence. Pancre-Vite was the only remedy that helped me. I began taking it in January and when the warm weather came I was completely cured, felt like a new woman, full of life and hope.

Words cannot tell how pleased I am to have my health back. I have a keen appetite and enjoy my meals; digestion is perfect. All symptoms of diabetes have left me. I have gained twenty-six pounds in weight and feel in harmony with all the world because I am now perfectly well....."

Cured Thoroughly.

Mr. V. Thompson. 151, Keighley St. Rangoon. Burma. ".....I cannot fully express the thanks I owe for your Pancre-Vite. I have suffered from diabetes for so long that I did not think there was any cure for it as I had tried everything that was recommended to me. Finally, I gave Pancre-Vite a trial and to my delight it cured me thoroughly. There is no trace of sugar, and my weight and strength is much increased....."

Extracts from Commendatory Letters received from the Medical Profession. Most Valuable Remedy.

Dr. A. F. De. Ravnac. (Paris). writes:—".....Pancre-Vite was first called to my attention by a patient of mine. The man in question, Monsieur Gabriel Coulondre, told me that no other medicine did him so much good as Pancre-Vite, and after studying his case, I advised him to keep on taking it. He was suffering from chronic diabetes and told me that the disease was of twelve years standing. Monsieur Coulondre was perfectly cured after five months treatment.



Dr. De. Ravnac

I became fully convinced of the great value of Pancre-Vite after observing its beneficial results in a number of other cases. From the experience of a practice stretching over twenty years, I have no hesitation in stating that Pancre-Vite is a most valuable remedy for diabetes. I prescribe it myself now and shall be glad to add my endorsement to that of my brother physicians who are commending it....."

Positive and Permanent Cure.



Dr. Duhamel

Dr. R. C. Duhamel. (Paris). writes:—".....I treated a diabetic patient last year with Pancre-Vite. The first six bottles did not give any perceptible improvement and my patient became disheartened and wanted to stop the treatment. I advised him to complete the course, pointing out that even the best medicines are slow to give improvement in certain cases, and he followed my advice with excellent results. After twelve bottles had been taken, the sugar began to diminish and weight had increased by 5 lbs. At the end of the course no sugar could be detected, even by analysis, and his weight is now 10 st. 8 lbs. perfectly normal for his height.

To make sure that there would be no recurrence of the disease, I advised my patient to take the treatment for a month longer than the prescribed course. At the time of writing this letter, it is six months since the treatment was stopped and there is no trace whatever of sugar or any other symptom.

Unhesitatingly, I endorse Pancre-Vite as a positive and permanent cure for Diabetes....."

AFMA products are the Choice of our Expert, Dr. J. F. De Vaux, and are the **BEST** in the World.

Harmony of Body And Mind Quite Essential For Health

Health means harmony and unless there is harmony between the body and the mind health is impossible of attainment, writes *Health* editorially.

While it is possible to diagnose bodily diseases and cure them by timely medical aid, it is very hard to probe into the mind and treat its malady.

It may be said without fear of contradiction, that most bodily ailments are due to mental causes. Irregular habits in thinking, losing of temper, lack of self-control, fears and prejudices lead to mental ill-health and disorder.

For example, worry and depression of spirits may cause loss of appetite and dyspepsia. Rage may bring on heart failure or apoplexy.

Our ancients have laid great stress on the proper cultivation of the mind. Their methods were self-control, right thought and calmness. Self-control confers strength, right thought mastery and calmness, power.

"Britannia Rules . . ."

While the captured German fleet lay in Scapa Flow, an English quartermaster was posted on each vessel. To one of these, leaning over the taffrail came a German quartermaster.

"I sinks nosing of your ships," quoth he. The Englishman did not reply. "And I sinks nosing of your officers, your Jellicoes, your Beattys . . ." Overcome by his feelings, the German spat over the rail. Whereupon the Englishman turned and said calmly:

"Now! Look'ere. I dont care wot you thinks about our ships, our sailors, and our officers. But don't you go spittin' into our sea!"

- The English sailor has a preference for rum
- The American tar likes rye
- But the Italians stick to port.

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

Twelve Thousand Miles of Blood Vessels!

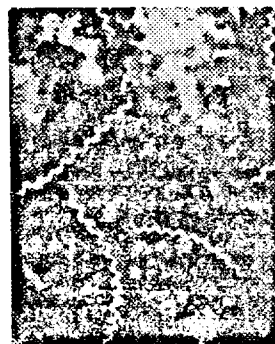
Your body contains, according to latest scientific computation, twelve thousand miles of blood vessels. Think of that, 12,000 miles! *Sufficient to stretch half-way round the world.* This wonderful pipeline of the blood consists of arteries, capillaries and veins communicating with that marvellous pumping station, the heart. By means of this vital pipe-line, the blood is carried to every one of the millions upon millions of the cells of the body, to nourish; to cleanse; and to renew. In all diseased conditions, no matter what the ailment may be, the blood stream is at fault, and no treatment can give lasting results if this all-important fact is overlooked. Keep the blood free-running, like a deep, fast-flowing river, enrich it with the necessary elements for cell building, and remove all toxic and acid waste materials, and health **MUST** result. This is precisely what **Galaxin the Great Blood Cleanser** is designed to do; it is actually what **Galaxin** does, surely and effectively. **Galaxin** Cures through the blood, unhampered, irresistibly!

SYPHILIS—PUBLIC ENEMY NO. 1.

Its origin, symptoms, tests, consequences and cure.

By a Doctor.

The pretty picture below is a microscopic portrait of a little creature whose name is *Spirochaeta Pallida* . . . or Spirochete, or Syphilis. . . .



The Spirochete is a destructive medium with power beyond the wildest dreams of the most visionary munitions magnate. It has a kick like an express train; if it connects with your grandfather, your little daughter's teeth may drop out from the vibrations; it can cause anything from bright's disease to insanity in its victim; and today there are millions of cases all over the world.

Just in case the above seems vague, let me point out the relation of syphilis to other disease on a comparative basis as to prevalence—there is annually twice as much Syphilis as Scarlet Fever; 13 times as much as Typhoid Fever; and 1½ times as much as Tuberculosis. . . . There is no disease on earth, except Leprosy, so transmittable, so dreadful, so loathsome as Syphilis. This terrible disease, unless scientifically treated, rapidly effects its dire ravages, permeating the very brain, nerves and muscles, even the marrow of the bones, and exhausting the vitality of the most robust constitution.

Although, many barriers have broken down, Syphilis is still an unmentionable in most homes. This, in spite of the

1492	Columbus and his men contract Syphilis in the West Indies	1496	The French Legislature against Syphilis
1494	Spanish army goes to defend Naples against the French	1496	Mandate of Maximilian, Syphilis called "Evil Pocks" (Thought to be punishment for sin)
1495	French enter Naples, celebrate victory and contract Syphilis	1497	Aberdeen, Scotland legislates against Syphilis
1496	French army, homeward bound, carries Syphilis up through Europe	1767	John Hunter believes Syphilis and Gonorrhea to be the same thing
1496	Syphilis breaks out in Germany	1837	Ricord proves Hunter to be wrong
1496	Syphilis spreads to Switzerland	1879	Neisser discovers specific vegetable organism causing Gonorrhea
1497	Paris rife with Syphilis	1903	Metchnikoff and Roux inoculate apes with Syphilis
1498	Vasco da Gama sails around the Cape of Good Hope and Syphilis spreads to India	1905	Hoffmann and Schaudinn discover germ which they call <i>Spirochaeta Pallida</i> (Spirochete)
1501	Epidemic of Syphilis in the Orient	1907	Wassermann inaugurates Blood Test for Syphilis
1940	Millions of known cases of Syphilis all over the world	1910	Ehrlich discovers Salvarsan
		1936	Sadalan discovers oral treatment which he called after his name
		1940	NEO SADALAN The new & improved formula of Dr. Pierre De Sadalan that clinches the fight even in longstanding cases. Syphilis Can be Cured!



In the Wassermann test the blood is placed in a test tube instead of being prepared on a slide. After it is in the test tube an antigen is added to the blood. The test tube is then placed into a refrigerator where it is left overnight.



In the morning another reagent is added.



And the test tube is then immersed in a warm water bath.



It is only after these steps that the colour change (dark & clear is negative ... light & cloudy shows infection) may be observed.

fact that on an average every family of seven contains at least one infected person. And what's more shocking is the fact that in a survey of a representative group of men and women it was discovered that four out of five of them could be infected and, so far as a knowledge of the symptoms goes, they wouldn't know it! There in a nutshell you have the purpose of this article.

Syphilis has a past; it has a present; and it has a future which is being built up at the rate of hundreds of thousands of cases yearly. All this when there is a cure! 86 % of primary cases can be cured, and in secondary cases the rate of cures with the chemical oral treatment,—Neo Sadalan, is 81 %. This is the best treatment for all cases of Syphilis and absolutely safe to use. It is guaranteed to effect a thorough and permanent cure.

The safety of society demands that every patient suffering with syphilis should be required to continue the treatment until the disease is arrested or cured. Without energetic treatment with Neo Sadalan, the patient with Syphilis may expect to become progressively worse until he is utterly incapacitated and fatally affected. He should not think of stopping the treatment until repeated blood tests indicate that the disease is probably cured or at least definitely arrested. Even after such a supposed cure, he should take blood tests at intervals and should be on the alert for the first signs of recurrence. He should not consider marriage unless he is advised by competent medical authorities that it is probably safe. In the event of pregnancy supposedly cured women should take another course of treatment in order that she may with certainty protect the child.

Symptoms And Stages.

From ten to forty-six but generally twenty four days from the entry of the germs into the body, there appears on the affected part a small red pimple. It goes on increasing slowly and within a week becomes watery vesicle with inflamed base. The vesicle bursts and leaves a sore with a hard margin elevated edges, and depressed centre. The sore is painless and there is a very small amount of watery discharge from it. This sore is called a hard chancre and it indicates the locality where the virus was first introduced. Generally the sores are situated on the genitals but they have been observed on every part of the body. In the males, if the infection takes place at the genital region, the sores appear on the glans penis or under the foreskin or just on the opening of the urinary passage. A week after the appearance of the sore on the penis the lymphatic glands swell up. They are hard with no pus or pain. This is the *primary stage* of syphilis.

SECONDARY SYPHILIS:—On average, secondary symptoms appear in about six weeks, but they may appear months later. The patient feels restless, dispirited, and weak in body. More often than not, he suffers from rheumatic pains, particularly in the skin bones and the region of ankles. Scaly eruptions of a light red colour appear on the body and there is acute sore throat with ulcers on the tongue or mouth. The mucous membrane of the nasal passages also gets affected and there is foul discharge from the nose. Eye troubles, too, are not uncommon. The above symptoms are all due to the dissemination of the organism in the blood.

TERTIARY SYPHILIS is a disease of the bones and general diffusion of the poison through the system. It manifests itself in the inflammation of different glands of the body with severe pains in the bones.

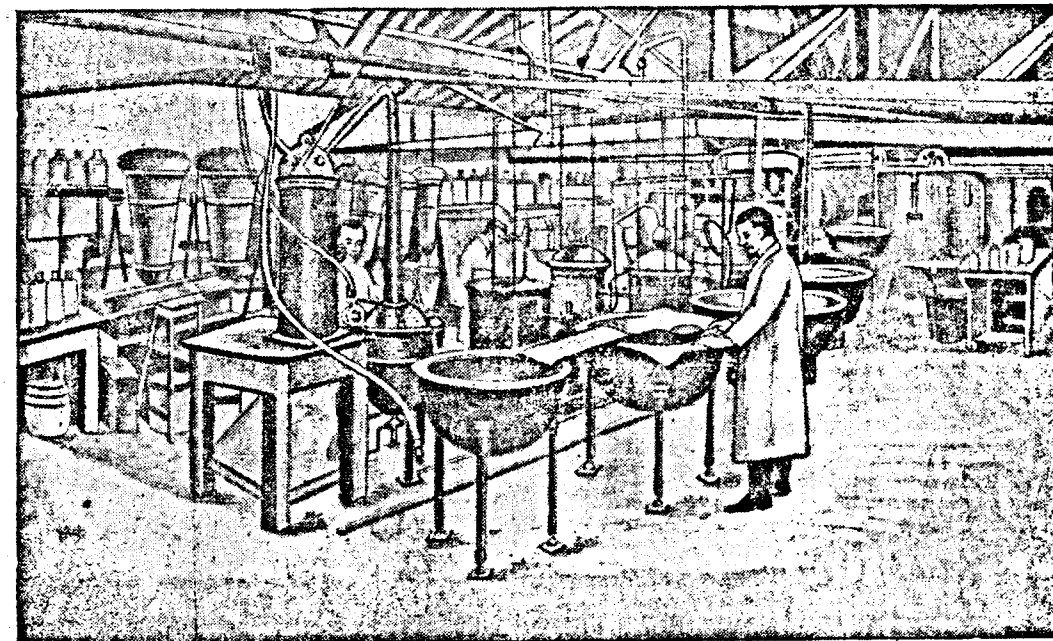
The reason for this article is to show that there is hope; that there is a cure; that Syphilis is no longer an unknown assailant. It is a marauder whose habits and weaknesses are known to the extent that where he is found, he can be stamped out...annihilated...by Neo Sadalan.

THE GREAT SCIENTIFIC DISCOVERY OF THE BERGERET LABORATORIES.

—(o)—

Progress in clinical medicine is dependent on progress in the ancillary sciences, physiology, pharmacology, etc., new discoveries in pure science are the

gist; but, whoever or whatever he is, he must see the necessity of applying scientifically-established facts to human needs.



Chemists at work at the Bergeret Laboratories.

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 bacteriolo-

When a clinical application has been found for a scientific discovery, the work has just begun. A method must be worked out by which a chemical process or a biological technique employed

in the experimental laboratory can be applied in production operations. And a practical method of clinical administration must be worked out, for an effective remedy cannot be reserved for a few selected patients—it must be made available to thousands. Moreover, the first crude product, perhaps eagerly sought because of the imperative need for it, must be improved and refined so that its efficacy may be increased and its field of usefulness broadened.

The Discovery of Endophon.

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

The discovery of **ENDOPHON** marked a new era in Glandular Therapy. Recently, a new Gland Extract has been discovered and embodied in **ENDOPHON**, greatly increasing its curative efficacy.

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.

INTERNATIONAL HONOURS OBTAINED.



Paris 1922.
Brussels 1924.
Rome 1926.
Diploma of Honour
Rome 1930.
Vienna 1933.

The illustration depicts the Gold Medals won by **ENDOPHON** and the Gold Medal awarded to the Bergeret Laboratories at International Exhibitions Highest Awards for Purity and Curative Efficacy.



Research Laboratory

The Great Criterion.

ENDOPHON is made in Capsule form—the great criterion in curative power, as the freshness and potency of the vital gland substances is fully preserved. There is no deterioration. Now manufactured by **Howard Lloyd & Co; Ltd., Leicester, England.** in kinds, No. 1 for Partial Impotence. (Premature Ejaculation) No. 2 for Partial Impotence (Feeble Erection) & Complete Impotence & Sterility, and No. 3 & 4 for Female Impotence, ie., No. 3 for Premature Orgasm and No. 4 for Frigidity, Complete loss of sexual feeling, barrenness, etc.

SATISFACTION

The corner-stone of our business is the determination to satisfy our customers with the best products manufactured.

We wish to make you a regular customer and to deserve your recommendation, therefore we stock only remedies of proved curative efficacy—the best in the world and sold under our bona-fide guarantee.

Personal European attention—Best Service and British Fair Play is always obtained in dealing with us.

You will help and oblige us if you make known to us any complaints of our products or service so that we may put the matter right.

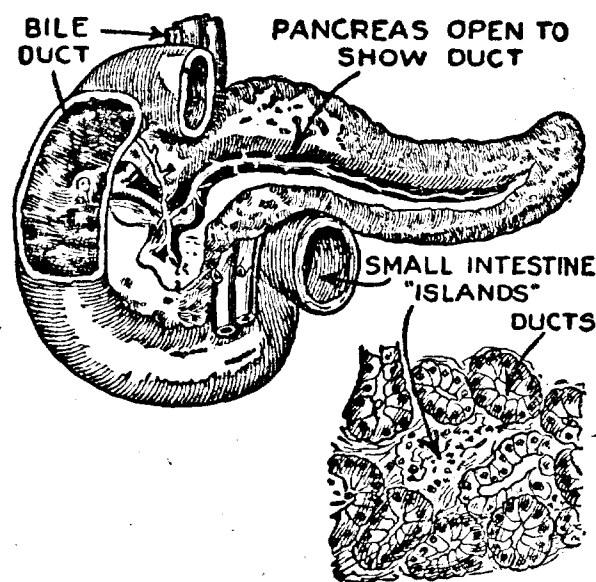
Address complaints to Manager.

C. W. Heath. (British.)

Sole Agents:—THE ANGLO-FRENCH MEDICAL AGENCY (INDIA) LTD.

POST BOX No. 148. BROADWAY, MADRAS.

Diabetes Mellitus and the Best Treatment.



The disease is as old as the Sphinx. Ancient Egyptian treatises on medicine speak of a disease called Polyuria, which is none other than diabetes.

The Cause of Diabetes.

The cause of diabetes is due to a disturbance in the chemical process of digestion, with the result that the sugar passes with urine, instead of undergoing the normal transformation into other substances before it leaves the organism. Defective Pancreas gland is the chief cause of diabetes. Other causative factors are defective

Liver, defective Kidneys, pathological changes in the nervous system and worry.

Symptoms.

The Symptoms are Boils, Eczema and other skin affections. Excessive thirst, loss of weight and nervous prostration. Diabetes often leads to Impotence.

The Toll of Diabetes.

A rough estimate indicates that about 40,00,000 people in India, Burma and Ceylon suffer from this dreadful disease.

Types of Diabetes.

There are two types of diabetes, viz., (1) Diabetes Mellitus, where presence of sugar in the urine is indicated. This is the most common type. (2) Diabetes Insipidus—a condition where no sugar is present in the urine. This type is very rare. (Urine is passed in large quantities in both the conditions).

Diabetes Mellitus is one of the most dangerous, stubborn and treacherous of all diseases, if neglected. Any delay in treatment not only aggravates it, but leads to serious complications.

The Treatment.

The treatment at first was only a diet prescription. A revolution in the treatment was made by Banting of Canada, by the isolation of INSULIN. Insulin was hailed as a miracle, consummating the work started by Lancereaux in 1877. A new era was thus opened and was followed by intense research in the clinical field, the results of which have been published in many newspapers.

But Insulin, unfortunately, is not in any sense a "cure" of diabetes mellitus. Spectacular as is its news, the diabetic who started to use it in 1922, is still using it and in virtually the same dosage. The death rate for diabetes has not altered much in 20 years. In short, the causative factors of the disease are controlled, not eradicated or changed.

The transient effects of Insulin and the necessity for its repeated injections have led some Continental workers to search for an oral Insulin compound, which would obviate these two great drawbacks of Insulin therapy in Diabetes.

The Solution of the Problem.

Early in 1937, Grimard of Paris announced his oral Insulin preparation, which he named Pancre-Vite, a combination of Pancreas gland extract (Insulin in solid form) with enzymes, Steapsin, Myrtillin, Amylopsin, Suprarenal Substance, Hepatic Juice and Hormones.

The administration of Pancreatic gland extracts with other substances by the mouth has scores of clinical and laboratory reports in its favour. One of these reports are given below:

"In a long series of blood-sugar tests on patients, Pancreas extract was found to cause a profound blood-sugar fall in 82% of the cases observed within two hours after administration by mouth. Controls of about an equal number of patients under the same clinical conditions, as far as this was possible, showed a fall in less than 40%."—W. N. Berkeley, "Principles and Practice of Endocrine Medicine," Page 261.

Grimard's oral insulin preparation is a true, well-balanced remedy for diabetes, so definitely capable of restoring the lost functions to the defective pancreas.

Pancre-Vite is prepared in the form of capsules and when acting, they produce a progressive decrease in the urinary sugar, and a gradual disappearance of the morbid phenomena found in a person suffering from diabetes. This preparation is quite harmless to take.

A Grave Warning.

Hundreds of thousands of people die every year from diabetes mellitus in India. Most of them could have been saved if only rational treatment had been taken. If you feel run down and if there is loss of appetite, sleeplessness, frequent urination and excessive thirst, then it is nature's warning and you should have your urine examined at once. If it is proved that you are suffering from diabetes, do not neglect yourself, but take treatment promptly.

THE CHOICE OF THE EXPERT

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



No by-effects.

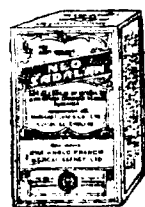
Cures thoroughly
and permanently.

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

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

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

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



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

Powerful—Penetrating—Permanent

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

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

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

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

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

NEO SADALAN No. 2.

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

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

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

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

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

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

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

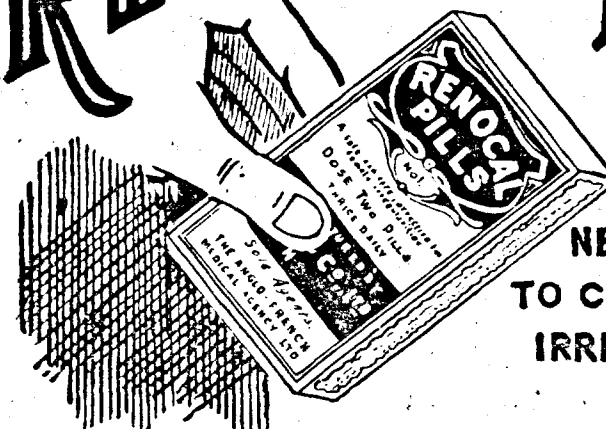
Dr. Rene Peyral. (Paris) "....Neo Sadalan is composed of the essential therapeutic agents and I endorse it as a most efficacious preparation for all syphilitic affections....."

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

"THE CHOICE OF THE EXPERT"

RENOCAL PILLS

THE WISE WOMAN'S
FRIEND-IN-NEED



NEVER FAILS
TO CORRECT ALL
IRREGULARITIES

GUARANTEES SUCCESS-NOT-FAILURE

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

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

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

TESTIMONIALS

Mrs. ——— writes:—

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

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

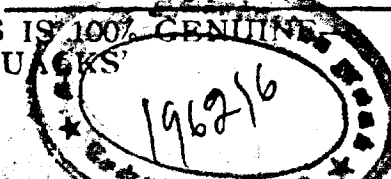
Mr. ——— writes:—"I am glad to say the Pills have done the necessary, so kindly cancel my order for the Mixture. Thanking you very much for your kind attention and the efficacious Pills sent....."

RENOCAL PILLS. (Two Strengths.)

No. 1. For early cases. Price Rs. 10-0 per bottle. Tele: Code "Refto"
No. 2. For obstinate cases. Price Rs. 15-0 per bottle. Tele: Code "Rexin"

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

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



[Snow White] CAMILLE PREVENTATIVES. [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.

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

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

Finer Than Gossamer—Softer Than Thistledown
Prices:—1 doz. Rs. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.
Tele. Code. 1 doz. "Exel". ½ doz. "Excelled"

TESTIMONIALS.

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

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

Thinnest
Quality

AMERICAN TIPS.

Skin-Like
Texture

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

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



Four Points Worth Your Consideration.

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

A Sure Method of Birth Control.

PRICES—1 doz Rs. 20.
½ doz Rs. 11. ¼ doz Rs. 6.
Tele. Code. 1 doz. "Tip" ½ doz Tipper

FRENCH TICKLERS

Superior Quality-Satin Finish-New Design.

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

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

WHIRLING SPRAYS.



(British Make).

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

Price Rs. 12-8 Each.

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 over the closed end. Recommended to remove frigidity and for mutual satisfaction. Promotes a proper adjustment.

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

The "CROCODILE" (WASHABLE) Preventatives.

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

Prices:—1 doz. Rs. 25. ½ doz. Rs. 13.
¼ doz. Rs. 7. Sample Rs. 3.

We believe that a Satisfied Customer is the best Advertisement.

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

**TRANSPARENT
VESTA SKINS
SKIN COLOUR.**
(Washable.)

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

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

Soft Texture The New Silk "NINON" Pure White
Highest Quality THE NEW LIQUID LATEX PREVENTATIVES. 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. 25. ½ doz. Rs. 13. ¼ doz. Rs. 7.

Preserves the Vital Forces.

Tele. Code: 1 doz. "Fine" ½ doz. "Finest"

**PREMIER
QUALITY**

"ENDURANCE" (Washable) SHEATH.

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

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

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

The "FRIVOLA" Preventative.

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

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

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

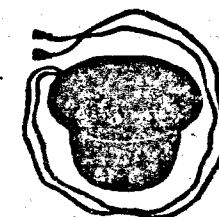
For
Ladies /

"YVONNE"

For
Ladies /

RUBBER PESSARY. THE SAFEST METHOD OF BIRTH CONTROL.

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



The best Rubber pessary manufactured.

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

Prevention is made

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

Special Quality Preventatives for TROOPS.

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

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

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

SAMPLE PACKET No. 1.

10 CONTAINING DIFFERENT TYPES OF PREVENTATIVES **10**

FOR
Rs. 15/- Only.

AS FOLLOWS:—

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

FREE:—1 Packet Preservative Powder.

SAMPLE PACKET No. 2.

CONTAINING FOUR SUPERFINE PREVENTATIVES
AS FOLLOWS:—

1 Passionette	1 French Tickler
1 Crocodile	1 Frivola

RS. 7-8 PER PACKET

Packed in Cellophane to Ensure Freshness on Receipt

SAMPLE PACKET No. 3.

CONTAINING FIVE SUPERFINE PREVENTATIVES
AS FOLLOWS:—

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

RS. 7-8 PER PACKET

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

GIVES EXCESSIVE POWER FULL ACTION LASTS FOR ONE HOUR

INCREASES ERECTION
PROLONGA

PROLONGS UNION
EFFECTS
DOUBLY PRESERVED
UNTIL CLIMAX.
A GENUINE
PRODUCT

This wonderful remedy prolongs the period considerably.

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

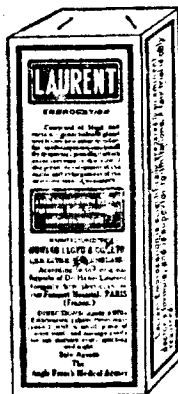
Special. 1 bot. Rs. 12-8. Tele Code "Pro"
Super special. 1 bot. Rs. 17-8. Do. "Prolong"

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

LA PAREE OIL. A Powerful Aphrodisiac. Can be used safely as a temporary measure.
Applied on the 'part', it immediately produces strong 'feeling' and desire. It gives intense power to the 'part'. Warranted harmless. Made to a special formula.
Price per bottle of 4 ozs. Rs. 17-8-0 only.

LAURENT EMBROCATION.

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



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

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

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

TASTELESS ENDURET TABLETS

For women only
A Genuine Product

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

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

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

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

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

Testimonial.

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

De Vecin Capsules.

A Powerful, Safe Aphrodisiac
Acts in a few hours.

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

(Strong). Rs. 10-0 per bottle.
(Extra Strong). Rs. 12-8 per bottle.
This is thrice as strong as the ordinary strength and is recommended for use where immediate effect is desired.

OBRACON-Aphrodisiac Tablets. (Special Strength).

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

A British Product.

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

OUR CONSTANT AIM IS YOUR COMPLETE SATISFACTION.

PATIENTS "FROZEN" FOR FIVE DAYS

Suspension of Life Amazes Medical World

Experiments in "freezing" sick patients into a virtually suspended state of life—which may prove to be of the utmost importance in the world of medicine—have been made by to Philadelphia doctors, Dr. Temple S. Fay and Dr. Lawrence W. Smith.

They have been experimenting with cancer victims and they want to try their "freezing" process on heart disease, insanity, tuberculosis and many other diseases.

The process, as outlined by them at the annual meeting of the American Medical Association, is as follows:

The patients are stripped and covered with cracked ice. An electric fan is turned on. In three hours their internal temperatures are forced down below 90 degrees.

The patients literally go into a sleep similar to that drowsiness experienced normally by a freezing person, except that in this case the patients feel no pain.

Their room is kept cold so that when the ice is removed they remain cold. They stay like that for five days.

Then they are roused with hot coffee and warm applications. They awake smiling, with no memory of what has happened.

Cancer Cells Killed

In the meantime, it is claimed, the cold has killed at least the young cancer cells which form from 10 to 90 per cent. of growing cancer according to indications from these experiments.

But it is not this that has amazed the medical world.

It is the suspension of life—of which admittedly no one seems to know quite how to take advantage—that has awakened doctors to the possibilities of this freezing process.

For in their "frozen sleep," the patients' pulse beat disappears. Only the electrocardiograph shows that their hearts are still beating and that surprisingly, the rhythm is perfect, although very light.

Their kidneys and apparently all their digestive organs cease to work. But this, ordinarily a sign of approaching death, seems of no danger because at the same time analysis of the blood shows it has ceased to fill up with waste products. There is nothing to eliminate.

Metabolism—the process whereby nutritive materials is built up into living matter—is reduced to 10 per cent. from 20.

Prolonging Life

No frozen patient has ever caught pneumonia or a cold; the germs in their bodies apparently slow down along with the entire organism.

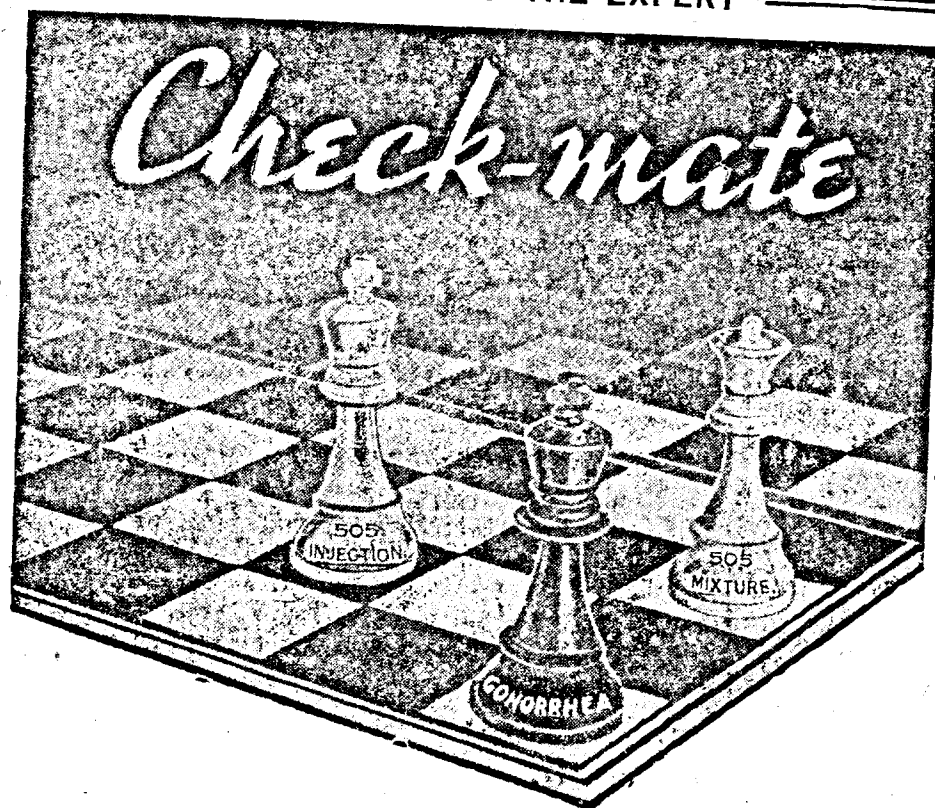
Previously, when a patient's temperature dropped even close to 90 degrees death was considered inevitable. But in these new experiments one woman's temperature was brought down to 82 for a short period with no ill effects.

What the experiments portend, doctors cannot forecast.

Some consider that they may provide a new weapon for Science. By freezing patients in this manner, they think, it should be possible to give the heart a complete rest, as nothing else can, and so, perhaps prolong life. Germ diseases too, may be susceptible to this treatment.

Human "hibernation" is in its infancy but its possibilities are being viewed with grave attention by the medical profession.

WE STOCK ONLY GENUINE REMEDIES.



"505" FOR THE PERMANENT CURE OF GONORRHEA

HOW THE TREATMENT CURES.

"505" Mixture. (Taken internally). Is excreted through the kidneys, flows from the healthy tissue downward over the infected portions, cleansing the organism from the inflamed anterior portion of the genito-urinary tract.

"505" Injection. (Self — injected). Through the meatus (mouth of the penis) into the urethra and heals the discharging sore and diseased membranes.

(Testimonial. Gon. Cure No. 2054.)

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

THE TREATMENT COMPRISES.

"505" MIXTURE.

1 bottle Rs. 4-8-0
3 bottles of each "505" Mixture and Injection. Rs. 24-0-0
6 bottles of each "505" Mixture and Injection. Rs. 45-0-0

Male or Female Syringe
(For Injection) Rs. 3-8-0.

"505" INJECTION.

1 bottle Rs. 4-8-0

Tele. Code. "Zabin"
Tele. Code. "Zabif"

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

Gonorrhea—The Best Treatment

BY A DOCTOR.



Gonorrhea is on the increase. In fact, the latest world statistics suggest that one out of five persons in capitals, like London and New York are stricken with the disease.

The common fallacy that it 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 never be neglected.

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

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

The patient may get some slight itching of the meatus and a burning sensation while passing urine. The lips of the meatus are congested and swollen. Gradually a serious discharge appears which though thin and mucoid in the beginning, soon becomes thick and yellow. There is sometimes a dragging pain in the back and some slight constitutional disturbances such as fever.

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

The best treatment is a mixture and an Injection. Abortive treatment will aggravate the urethra and bring about complications.

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 CHOICE OF THE EXPERT"

GALAXIN

THE GENUINE BLOOD CLEANSER

BEFORE
TREATMENT

PIMPLES

FRECKLES
COPPER PATCHES

ECZEMA



SORES

POWERFUL

Have you Pimples? Sores? Ulcers?

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

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

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

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

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

Galaxin
BLOOD
CLEANSER

PENETRATING PERSISTENT

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. 5-8.

3 bots. Rs. 15.

6 bots. Rs. 28.

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

AFTER
TREATMENT

ALL REMOVED

CLEAR, HEALTHY
SKIN

CURED



BANISHED

"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."

Miss Diana Wade. "The Nest" Harrington Street, Calcutta. (Writes). I had a most terrible complexion. My skin was full of freckles and copper patches. Three bottles of **Galaxin** removed them entirely."

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 **Lepa**. 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.

Testimonial from an Indian Gentleman

".....I have pleasure to inform you that I have been thoroughly cured by using your **GALAXIN**. Before using this I have been suffering from boils, pimples, etc. I used other medicines but with no result, so I say that it is the perfect blood purifier I ever used. God bless your everlasting prosperity....."

MEDICAL OPINIONS.

Dr. J.A. Halliday. M.D. 31, Duke-St. London. E.C. 4. (England). writes:—"Galaxin is undoubtedly a potent blood cleanser. I have found it invaluable in blood and skin diseases....."

The Medical Review. (London). writes:—"...Chemical analysis has revealed **Galaxin** as a genuine blood cleansing remedy....."

GALAXIN BLOOD CLEANSER

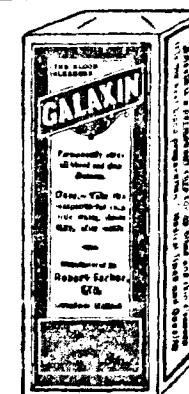
Quickly Heals All Skin Eruptions

Galaxin Blood Cleanser is now manufactured by Robert Ferber Ltd. London, England, to the formula of Dr. E. F. Macdonald. M.D. L.R.C.P; the famous Blood & Skin Specialist, who has cured thousands with his infallible treatment—discovered after extensive research and experiment.

THERE'S HEALING IN EVERY DROP!

If you suffer from
Eczema
Psoriasis
Leg Trouble
Nettlerash
Barber's Rash
Dhobies Itch
Impetigo
Dermatitis
Acne
Pimples
Ulcers, etc:
Take

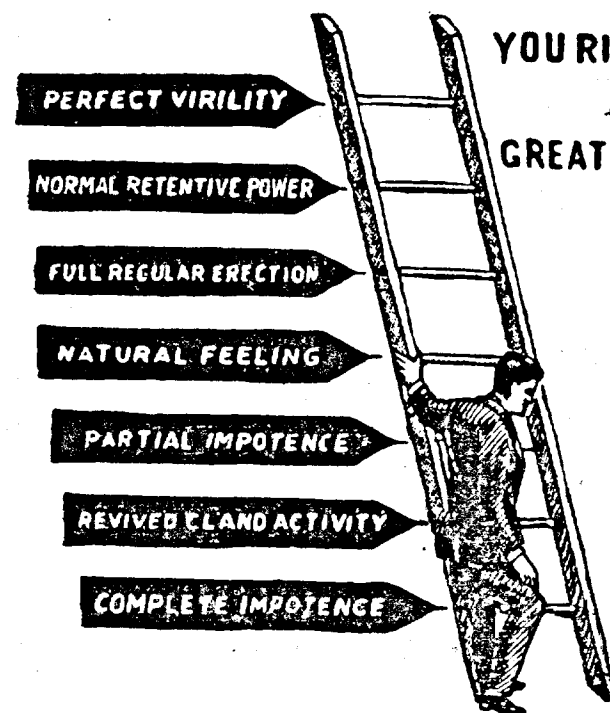
GALAXIN



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

THE CHOICE OF THE EXPERT

STEP by STEP



Where do YOU stand on the Ladder?

YOU RISE TO NEW AND GREATER VIRILITY

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

What Endophon IS

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

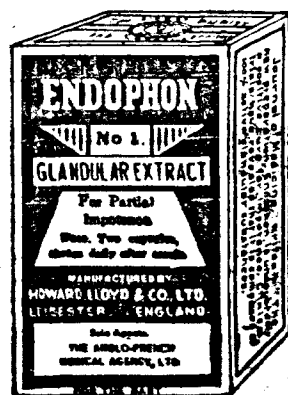
What ENDOPHON Does

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.

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

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

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



SOLD IN FOUR KINDS

Endophon No. 1 for Partial Impotence (Premature Ejaculation).

Endophon No. 2 for Partial Impotence (Feeble Erection) and for Complete Impotence and Sterility.

Endophon No. 3 & 4 for Female Impotence, ie, No. 3 for Premature Orgasm and No. 4 for Frigidity, Complete Loss of Sexual Feeling, Barrenness, etc.

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

Tele. Codes:	3 bots. No. 1 'Entrax'	3 bots. No. 3 'Enfal'
"	6 bots. No. 1 'Entron'	6 bots. No. 3 'Enfalex'
"	3 bots. No. 2 'Enjex'	3 bots. No. 4 'Enfem'
"	6 bots. No. 2 'Enjexor'	6 bots. No. 4 'Enfemex'

WE STOCK ONLY GENUINE REMEDIES.

THE CHOICE OF THE EXPERT

READ WHAT CURED PATIENTS SAY.

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

Mr. (Assam) "...I have finished the course of Endophon No 2 and with much gratitude I inform you that it has cured me completely....."

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

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

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

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

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

CAUTION.

Because of the success of **Endophon**, many imitations are now been advertised, under various trade names.

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

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

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

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

Latest Testimonial.

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

Later.....

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

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

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

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

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

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

—NOT WORTHLESS 'QUACKS'

* There is enough petrol in a small part of the Antarctic, according to Admiral Byrd, to supply the United States for a century.

Riches under the Polar Ice

By Luc A.-Gravier

—o—

We know practically all there is to know about the north Pole. The South Pole, on the other hand, remains a land of mystery, whose soil hides fantastic riches.

It is only about forty years since explorers began to investigate this desert country. Even now its shape is not completely known, but its area is estimated at roughly six million square miles.

The first man to spend any considerable part of the winter in the Antarctic was the Belgian explorer, Baron A. de Gerlache, in 1198. Since 1900 many expeditions have explored the region and annexed parts of it for the benefit of one country or another. England, Germany, France, Norway, Sweden, and Australia all sent expeditions before the Great War. In 1922 Shackleton left on the expedition from which he never returned.

Last on the scene were the Americans. In 1926 Admiral Byrd undertook the first aeroplane flight over the Antarc-

tic. He renewed his attempt in 1928 with the explorer Wilkins, and between 1933 and 1935 established his quarters for a whole winter—that is, for nearly five months—at the north-eastern end of Roosevelt Island. He came back convinced that the Antarctic was and of the richest territories in the world.

He knew that Shackleton had found coal there, and that others had found iron copper. After his 1935 expedition he himself announced confidently that there was petrol there as well. A periodical devoted to polar exploration, the *Polar Record*, announced simultaneously that petrol was known to exist in large quantities in Spitzbergen and Arctic Russia, and that there were geological reasons for supposing that similar deposits would be found in the Antarctic.

A commission was appointed by Congress to consider plans for a large-scale expedition, estimated to cost more than a million pounds, compared with the mere £15,000 spent by Gerlache's expedition in 1898. Admiral Byrd told this commission that one group of mine-

ral depositists, situated at the northern edge of the Antarctic, less than six hundred nautical miles from Cape Horn, would alone provide the United States with enough liquid and solid fuel to last a century.

It is expected that five countries will claim a share in the division of the Antarctic continent. The United States is claiming a million square miles at the north end of the ice-cap, south-west of Cape Horn, and about 5,000 miles from Tahiti. It also hopes to get the mountainous mass known as the American Highlands, on the other side of the ice-cap.

Germany, too, is in the field. Last summer she was preparing an expedition designed to get there at the same time as Admiral Byrd's. She claims territory already occupied by Norway and France, and disputes the possession of another area with Australia. And Great Britain may well contest the pretensions of the United States, since the mineral-bearing

areas which Admiral Byrd plans to exploit are situated in an area over which she has a general claim. Even Spain and Portugal could, if they wished, find a pretext for intervention in a papal bull of the fifteenth century which divided the pagan world between them for the better propagation of the Christian doctrine!

Petrol provides the world with two-thirds of its transport, and remains the most convenient of all liquid fuels. The territorial ambitions of the totalitarian Powers disguise a single desire: the need for petrol. Already the United States controls more than 59 per cent. of the world's petrol production. As compared with its 123 million tons, the British Empire produces 3,000,000 tons annually, Germany 300,000 tons, and France 78,000 tons. It is easy to see what tremendous power will be in their hands if they succeeded in adding to their existing resources the vast deposits at the South Pole: that is, if these deposits really do exist.

Horseplay

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

Automatic Postman

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

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

The machine stamps and postmarks the letter.



MEDICAL HUMOUR

OR

The Doctor's
Funnybone

PASSED BY THE MEDICAL BOARD OF NON-SENSERS

Ducking the Stork

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

All Lit Up

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

All Explained

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

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

Easily Recognized

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

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

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

Follow-Up System

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

Nature's Method

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

Hats Off

Customer—"Have you anything for gray hair?"

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

Topics in Brief

(Literary Digest)

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

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

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

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

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

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

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

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

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

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

"Sure; send her some candy."

Deliver Us

Question: "Is life worth living?"

Answer: "It depends on the liver."

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

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

THE VIRILITY OF MANKIND

What Medical Science has accomplished.

By a Doctor.

—o—

How to maintain the virility Voronoff, the famous Russian of mankind? This knotty problem Surgeon, it is a long history of has engaged the attention of many laborious investigations by men of famous scientists.

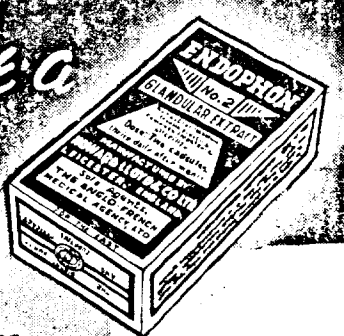
The chief causes of sexual weakness is the vicious habit of masturbation, sexual excesses, prolonged and frequent sexual excitement, which have been proved detrimental in the extreme. The sexual system is deprived of sufficient rest and recuperation and gradually loses its wonted energy. Other causes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

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

A very important factor in successful gland treatment is FRESHNESS of the vital Gland Substances. It is necessary that they are prepared in gelatine capsule made to arrive at a formula which form, to ensure freshness and would bring about successful results, maximum curative efficacy. Gland Commencing from the experiments Substances in tablet or liquid form of Brown Sequard in 1889 down to quickly deteriorate and become inert the recent findings of Dr. Serge and worthless.

 "THE CHOICE OF THE EXPERT"

There must be a Reason why—



★ RECOGNISED MEDICAL BODIES AND INSTITUTIONS
★ REPUTABLE MEDICAL PAPERS
★ INTERNATIONAL EXHIBITIONS

Endorse
ENDOPHON

As the only efficacious Glandular preparation for Lost Virility.

Better than anything that can be said about the merits of **ENDOPHON** is the fact that it has been awarded the Certificate of Merit by the Institute of Science, Paris, and three Gold Medals and two Diplomas of Honour at International Exhibitions, besides it is used by famous Clinics in Europe, one of which is the Clinique Scientifique Leon D'Arbes, Paris, proof of its remarkable curative efficacy.

Clinical tests on the various Glandular preparations on the market have proved that **ENDOPHON** is the best.

 THE "TRUE FACTS"

- The ONLY Glandular preparation made by a firm qualified by years of experience in the manufacture of biological products.
- The ONLY Glandular preparation containing 100% fresh, fully active gland extracts, sealed in gelatine capsules.
- The ONLY Glandular preparation with a world-wide reputation and unanimously recognised by the Medical Profession.
- The ONLY Glandular preparation that can be relied upon to effect a complete and permanent cure.

**EVERYTHING THAT CONTRIBUTES TO CURATIVE POWER
IS EMBODIED IN ENDOPHON.**

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

".....The gland preparation, Endophon, a product of the famous

Bergeret Laboratories, is in my opinion a really genuine remedy and a positive cure for sexual weakness. It deserves full approbation and wider support....."

Extracts from commendatory letters received from the Medical Profession.

Dr. J. S. Vaucolles, 51, Rue Aristide-Briand, Levallois, Seine. Paris. France.
"....I take pleasure in certifying that Endophon is the finest remedy for Impotence and Sterility....."

Dr. J. S. Vaucolles.

Dr. E. P. Maurillard, 24, Rue des Fosses St. Jacques. Bordeaux. France.
"....As a remedy for sexual weakness Endophon has no equal....."

Dr. E. P. Maurillard.

Prof. W. Curtius, Curtius Clinic, 38, Boulevard Haussmann. Hamburg Germany. "I have used Endophon on patients in my clinic with great success. I further add, that it is immensely superior to similar preparations, having the vital gland substances in a concentrated form....."

Prof. W. Curtius.

Dr. G. Beaupre, 4, Rue Marechal Foch. Brussels. Belgium. "....Science has taken a step forward in the discovery of Endophon....."

Dr. G. Beaupre.

Sold under a bona-fide guarantee. A SQUARE guarantee for a STRAIGHT product

 "THE CHOICE OF THE EXPERT"

 Sold in four kinds

Endophon No. 1 for Partial Impotence (Premature Ejaculation).

Endophon No. 2 for Partial Impotence (Feeble Erection) and for Complete Impotence and Sterility.

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.. 6 bots, No. 1 'Entron' 6 bots, No. 2 'Enjexor' 6 bots, No. 3 'Enfalex' 6 bots, No. 4 'Enfemex'

* We shall never know who first translated speech into signs.

Writing: the Greatest Discovery

Many hold that the invention which has had most influence on the development of human society is the plough. Had not an unknown Chinese farmer contrived a wooden share to break up the soil on his land, where would civilisation be to-day?

So runs their argument. But what of the wheel? Without this invention, where would modern industry be, and communications? Yet the Mayas of Central America built up a flowering civilisation centuries before the Conquistadores came to destroy them, and they had not the use of the wheel.

A third opinion holds to the supreme importance of fire on the destiny of mankind. Whoever first tamed fire—fetched it, perhaps, from the red embers of a forest ignited by lightning and carried it to his cave—gave us our greatest boon. Surely the taming of fire was civilisation's most important milestone?

Abraham Lincoln thought not. In a newly found manuscript he discusses the world's greatest discoveries—and gives his vote to the art of writing. His argument runs as follows: If we consider that the spoken word is merely a sound which disappears in a twinkling, and that no human brain can store up all the valuable information imparted to it through speech, then we must agree that the art of translating sounds into signs is the most important of all. Take writing away from humanity and we lose the Bible, history, science, and law. Through the written word past generations speak to us.

Writing, then, was mankind's greatest discovery, according to Lincoln. And next to it—printing. Gutenberg was the father of printing; but we shall never know who first translated speech into signs.

—A-Magasinet (Oslo).

Cigarette History

Cigarettes have been in use in Europe for just over a hundred years. The custom is supposed to have been introduced by French soldiers returning from Algiers, where the natives smoked tobacco wrapped in maize leaves. An-

other theory holds that Spain was the first European country to popularise the cigarette, as a feminine counterpart of the already popular cigar and pipe. In 1830 Spanish women were adept cigarette smokers, and the art of rolling the slender

cylinders was widespread. Ferdinand VII could roll a cigarette in either hand simultaneously.

The first known cigarette factory was established in France in 1843. In England the custom did not take hold till later. Dickens was a cigarette smoker.

* An Egyptian sarcophagus brought death and disaster to its owners.

He Saw the Mummy Move

By Ferdinand Reyna

The speaker is an elderly man with a long white moustache. He is dressed in dark uniform and on his chest is the number 84. He is keeper of the seven rooms of mummies at the British Museum where is to be found, among others, the sarcophagus of young Cleopatra, namesake of the fateful Queen, and whom many believe to be the Queen herself.

He can show you the papyrus on which are recorded the changes of fortune experienced by this young girl of royal birth. He can tell you of many other wonders, too, but it is about his job itself that you should hear him talk. He speaks calmly, in a soft, even voice.

"Perhaps you won't believe me, but my job is sometimes a terrible one. During the long winter days, when London is covered with a dismal cloak of fog, there is often not a living soul about, not a single visitor, not a voice. Around me are the mummies, who are beings of stone to-day, but who once lived and loved, had their own joys and sorrows. . . Their silence is sometimes terrifying.

"Even the jewels that adorn them, with their dull gleam, and the strange animals that guard them—jackals, falcons, fishes, and bulls—everything seems to have a life of its own, born of the

In a letter dated 1857 he writes to inquire where materials for rolling cigarettes may be bought. But the cigarette did not become universally popular until after 1870, when many of the brands still on the market in Britain were first launched.

—Nu (Stockholm).

solitude. Behind the glass of the cases the scarabs glisten and still preserve their secrets of luck and ill-luck.

"One day—I was younger then—I was really scared. It was an evening towards the end of November. Seated on my stool, I was gazing at the mummy of Thu-Thu, wife of the scribe Ani, who is also here. After a time I found that I could not take my eyes off her. Suddenly—I honestly thought I was going mad—I saw a finger move, then a hand. . . .

"I gave out a fearful cry and collapsed unconscious. They found me later, lying on the ground, as pale as a sheet. I was ill for three months, but all the same I was intent on getting back to my work. I have carried on with it ever since, and I wouldn't give it up for anything in the world. My life is bound up with the mummies. I could retire on pension, but I don't want to. Perhaps my terror was a kind of test which I had to undergo before entering into their strange, uneasy world."

Medical examination of the mummies has revealed some curious things. For instance, we now know that the marriages between close relations that were traditional in the royal families of Thebes

and Memphis were not sterile and did not cause any degeneration. We have also learned that the Pharaoh Menepthah, sworn enemy of the Jews, had an attack of smallpox; that Akhnaton had a weak heart; and that toothache was very common among the Egyptians.

Some strange stories have been told about mummified Pharaohs avenging themselves on those who shatter their repose. It is said that near the end of the last century four Englishmen one day broke their journey at Luxor to visit the ruins of the temple of Ammon-Ra. During their short stay they were able to buy, from an independent searcher, a sarcophagus on which was painted a very beautiful woman's face, possessing a charm both disquieting and indefinable.

The four men then continued their journey. One of them was accidentally killed shortly after, while handling a revolver. Another died suddenly the following year. Six months later the third was seriously injured by a stray shot in the shoulder, and they had to amputate his hand. As for the fourth, he got into difficulties on his return to England and, finding himself ruined, shot himself.

This man owned the sarcophagus, and his sister, who inherited it, was soon in trouble herself. On the advice of a fortune-teller, she decided to get rid of the baneful object, but, before doing so she had a picture taken of it. This was done by a well-known photographer—who died not long afterwards. Finally the sarcophagus caused the death of a British Museum official who was arrang-

ing for it to be moved, as well as a serious accident in which the man who was transporting it escaped only by a miracle.

Signor Gerolamo Segato, an Italian expert of the first half of the last century, closely studied the question of the preservation of mummies. He entered upon a deep study of Egyptology and the occult sciences, travelled in Asia and Africa, and, like Nostradamus, he penetrated to the heart of the pyramids. On his return he announced that he had made the great discovery, but a mysterious disease was soon to lead him to the grave.

Equally tragic was the fate of Dr. Efsio Marini. This man used to embalm bodies in the Egyptian manner. He would shut himself up in his apartment and refuse to see anyone. To the rare visitors whom he did admit, his laboratory, with all the strange instruments used in the various complicated processes seemed a place of madness. When Dr. Marini died his mind was completely unbalanced and he had not revealed the secret which he claimed to possess.

This same problem is being studied at the moment by the experts of the Egyptian Museum in Vatican City. One of them, Professor Tulli, summed up the whole question when he said to me: "Is there any discovery which has not claimed its victims? Consider the fact that, as far as evil spells—or, more simply, poisons—are concerned, the Egyptians, knew a very great deal. To touch a mummy is nearly always to take a mortal risk."

(Contd. from Page 12.)

"I promise," said the Lapp, and instantly the dog ran off to gather together his friends.

That agreement has been adhered to strictly. The Lapp, on his part, is particularly kind to his dogs, and to this day in the hinterland unwanted puppies and old dogs are hanged; while the dogs are the faithful guardians of his herds against the wolf.

It is when the snow is powdery and the wolf flounders up to its lean, grey belly, that the Lapp ventures forth to slaughter with wolf-stick (or rifle, should he possess such a thing), for during such snow conditions a man on skis can easily overtake a wolf to break its back with a single smashing blow of the "stick."

As deeply as the Lapp hates the wolf so he loves his dog. He even takes it to church with him. Men sit on one side, women on the other, and the dogs at the back, and it is a common occurrence for a service to be interrupted while the men leave their pews to separate a heaving mass of snarling animals. A preacher told me how he had once returned to the pulpit with bleeding hands after such a dog fight in his church.

The same preacher it was who told me how he had married a young couple, baptized their child and buried the bridegroom's mother during one continuous service. During the summer two years past the young couple decided to marry but to postpone the actual wedding ceremony until the coming winter, when the journey to church could be made at the same time as the reindeer herds moved from the mountains to the marshes. In the meantime a child arrived, an influenza epidemic which struck the small settlement wiped out two complete families and killed the bridegroom's mother, many reindeer died, and, desperately poor, the young couple were forced to postpone the wedding until the following winter snows. The dead were placed on lake-islands or beneath cairns, away from prowling animals until such time as the arrival of winter made it possible for their remains to be conveyed by pulka to church (a journey of several weeks) for

decent burial. And with the ceremonies over, the newly-weds journeyed into the interior again to continue the struggle with Nature.

How the Lapps managed to find their way, watchless and compassless, bewildered me until Jonas initiated me into the secret.

Where the north wind strikes stunted trees the bark is invariably darker and the longest limbs invariably point south: Arctic moss grows more thickly on the south side of boulders, and ants always shelter in the lee of hummocks which is on the side away from north winds. So it is that as the Lapp travels he is constantly reminded of two points in the compass, north and south, from which he can fix the quarters.

It was from Jonas that I learnt the etiquette to be observed in the borrowing of a boat. The traveller is welcome to use any boat to convey himself across river or lake when the twenty-four-hours-a-day summer sun has melted the ice. But should he row to the other side he *must* return the boat to the bank from which he took it, otherwise the owner, or some other traveller, may find himself stranded, and to be stranded in Lapland can so easily result in death. So it is that boats are always left in pairs, one on each bank of a lake or river, and the traveller must make three crossings (no small order if the lake is a mile or two wide) before finally stepping ashore on the farther bank!

While on the subject of water I should tell of the strange experience which befell me in this Arctic land. A Lapp remonstrated with me for drinking from the edge of a lake. Devils, he said, lived in the water, and should one get into my stomach it would eat away my intestines. He quoted case after case in which he had heard of folk dying in agony from this cause, passed me the wooden cup dangling from his belt and, after searching the contents for a sign of a devil, I had my drink!

Never was I so sorry to leave a land as when I once more clambered aboard the bus and waved a final good-bye to Jonas-the-wolf-hunter of Karasuando-Lapland.

GLANDULAR THERAPY.

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

Journal of Medicine, Feb: '37.

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

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

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

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

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

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

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

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

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

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

New Uses of Blood from the Dead

The blood of the dead may soon be used to restore the living to health.

Experiments in Russia are stated to have disclosed these startling facts:—

Blood from corpses gives better results than that from live donors.

Red cell increase is higher after transfusion from a dead person than after transfusion from live donors.

Professor W. N. Shamor, outlining his remarkable experiments on animals and man in *The Lancet* declares that the transfusion of cadaver (corpse) blood has another definite advantage—notably the rarer and less conspicuous reactions on patients.

"PREJUDICE"

"In spite of the fact that there is a large body of supporting evidence for its value and that full sanction has been obtained for taking blood from cases of sudden death, medical men at the courts of justice were unwilling to allow the blood of bodies that are at their disposal to be drawn for clinical needs," writes the Professor.

He speaks of the strong prejudice in the majority of people at the bare

thought of transfusing into a live person the blood from a corpse and the "holy awe" at the thought of "disturbing the repose of the dead."

From experiments on animals the Professor "confirmed our fundamental thesis that the blood in the dead body preserves its vitality for about ten hours after death."

CONSERVATIVE ENGLISH DOCTORS

A London hospital doctor declared

"The use of corpses" blood in the treatment of illness has been in vogue for some years in Russia.

"I saw it done at a big accident hospital in Moscow. Precautions are taken to ensure that the dead did not die from any disease.

It is claimed that very good results have been obtained.

"I have been trying to advocate this method in this country in order to relieve the strain on blood donors, but there seems to be very little enthusiasm for it among British medical men.



WASTING AWAY!

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

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

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

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 it is no worthless remedy. **It is a British Product.**

1 bot. Rs. 4-8-0 3 bots. Rs. 12-0-0
6 bots. Rs 22-0-0.

Extracts from Commendatory Letters Received from the Medical Profession



Dr. F. C. Perrier.

24, Rue Canabiere,
Marseilles, France.

Dr. F. C. Perrier.

"Salix Pills is a perfect remedy for Spermatorrhea. I have treated many cases, and have not known it to fail in a single instance."



Dr. J. Hilton Brown.

59, Maberley Road, Upper
Norwood, London, England.

Dr. J. Hilton Brown.

"I endorse Salix Pills as a most efficacious remedy."

How Young are You?

You're young if you eat a box of chocolates every day with relish; you're less young if you say, "Chocolates are poison," but eat them just the same.

You're young if you like books, plays and films that make you cry; you're not so young if you like them to make you laugh.

You're young if you first look at a man's eyes; you're less young if you look at his hands.

You're young if you want to be admired for your intelligence; you're not so young if you prefer compliments on your beauty.

You're young if you regret the time lost in sleep; you're less young if you think time spent sleeping is never lost.

Oh Mr. Shaw!

On his visit to America, George Bernard Shaw was invited to one of those lethargic lionising parties. During the evening the hostess approached the noted cynic and said, "Are you enjoying yourself, Mr. Shaw?" "Yes—and that's the only thing I'm enjoying," he retorted.

What for the Dicky Bird

American police revolvers can now be fitted with a tiny camera. One of the uses of this invention is that police officers could prove, if necessary, that they were obliged to shoot in self-defence.

Spermatorrhea is an occasional or constant escape of spermatozoa (life-germs) without or with very little sexual excitement. This gradually undermines the strongest constitution making the sufferer a mere wreck of his former self.

Cause:—The duct is weakened and relaxed through masturbation or prolonged excesses or sexual excitement.

Spermatorrhea, if neglected, leads to Impotence, Tuberculosis, Consumption, and other dangerous diseases.

Salix Pills should be immediately taken for the full course of three months. If ordered in one lot, the cost is Rs. 60/- only.

(Full instructions for use and advice, re diet, etc. is given in folder enclosed with each bottle).

READ WHAT A CURED PATIENT SAYS.

Mr. ——— 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.)

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—Winston Churchill

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Vermin
Vice
Vampires
Vipers
Vultures
and VERBOTEN (Forbidden)

Health Rules

By a Doctor.

First of all, have your grinding teeth put in order; if you cannot bite your food, and consequently swallow it in lumps, your inside will be put out of gear at once, and constipation will result. Eat very slowly; cut your meat up on your plate before you put it into your mouth; take ten minutes longer over your meals than anybody else; get up in the morning in good time, so that you do not have to hurry over your breakfast.

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

Harness Your Wish

Hidden down deep, so deep it has roots in your soul, you have a wish. If you hold fast to that wish, thinking it, living it, day after day, with all your heart and with all your soul, backed by the might of your intelligence, it must come true. You become your wish. Nothing, nobody, can prevent that.

There are always obstacles to be overcome, to call out your resistance. These are essential to your growth. Keep hoping; keep searching, and before long the world will be filled with opportunities, information and help. You will find it in the newspapers, the magazines, and books. You will meet people interested in your ideas, and consequently in you, friendly people who will lend their strength to yours.—*Youth To-day*.

A Remedy for Asthma

Asthma is a health trouble that launches sudden and serious attacks, often at times when the sufferer is unprepared with any means of defence. As every asthmatic knows, night attacks of asthma are the most feared. That is why any simple-to-take remedy that can be kept close at hand to give relief from the paroxysms that accompany asthma should be welcomed. Such a remedy is Matrone Specific, prepared in the form of little tablets, and Matrone Elixir in liquid form, taken in conjunction.

The Matrone treatment is the best in the world and has gained the endorsement of the medical profession, and there is ample evidence from actual users of the treatment that the claim to give quick relief and finally a permanent cure is justified. This treatment is prescribed for use in cases of asthma, bronchial asthma, bronchitis, catarrh and hay fever.

Brown bread is better for you than white. Do not start telling me you hate brown bread; you must eat it, and you will soon prefer it to the white variety. Porridge for breakfast is good for you. Tea is bad; take only one cup of a day, and that very weak. Tea on waking, tea at eleven, tea for dinner; tea for tea, and an extra cup because Mrs Brown popped in at half-past five, and tea for supper—all this is the best I know for promoting constipation. Anæmic girls keep themselves ill by tea. Cocoa made with milk is worth the money because it is real nourishment.

* Stout Cortes, it appears, was the father of the "penny bar."

Chocolate From Mexico

By A. E. Ballard

The most munificent gift one empire ever gave her bitterest rival was—chocolate. The British Empire literally owes every bean to the Spaniards who first discovered the tree in Mexico and later started plantations in their other colonies. From these came the trees which formed the nucleus of the British plantations. At the present time Latin America and the British Empire between them produce about 98 per cent of the world's supply.

Actually, Columbus was the first white man to see the cacao bean. He took some back with him to Spain. Cortes and the men who conquered Mexico with him in 1521 were the first Europeans ever to taste the new drink. One of them, Bernal Diaz del Castillo, recorded that "the emperor [Montezuma] took no other beverage than the *chacolatl*, a potation of chocolate flavoured with vanilla and other spices, and so prepared as to be reduced to a froth of the consistency of honey, which gradually dissolved in the mouth, and was taken cold."

The Mexicans themselves were very partial to it. At one banquet Montezuma's attendants brought in 50 jars of

chocolate, which the Emperor and his Spanish guests drank out of golden goblets. Mean-while, the guards and attendants consumed 2,000 jars of what Linnaeus called, two centuries later, the food of the gods" (*Theobroma cacao*.)

Where or when the Aztecs, who arrived in Mexico City in 1324, acquired their taste for chocolate, is not known. Von Humboldt, in his account of his travels in South America, wrote: "We met no tribe on the Orinoco that prepared a beverage from the seeds of the cacao tree. The savages suck the pulp of the pod and throw away the seeds." His belief that the tree was indigenous to the forests of the Amazon and Orinoco seems to have been correct.

Cortes saw at once the commercial possibilities of the new drink, which was both stimulant and stand-by, and also a speedy remedy for scurvy.

The Mexicans, however, had never heard of sugar, which the Spaniards had already planted in the West Indies. When this was added to the chocolate it completely altered the nature of the

drink. The Spaniards kept the secret of its preparation for over a hundred years.

Very soon cacao trees sprang up in other Spanish colonies. There were plantations in Trinidad as early as 1525, and from these came the first trees planted in Ceylon in 1834. In 1560 Spanish planters introduced cacao into the East Indies, and a little later they started plantations in Fernando Po. Trees were taken from this island to the Gold Coast in 1879 to found the British plantations which now yield 45 per cent of the total world export of cacao.

In Latin America the Spanish *conquistadores* found the cacao tree growing wild in Brazil, Ecuador, and Mexico. Plantations were started in Venezuela in the seventeenth century, and in Bahia in 1780. Today cacao is also grown in Colombia, Peru, and Central America.

From the first the unfamiliar Mexican words caused misunderstanding. The Aztecs called the tree *cacaatl*, and the drink *chocolatl*. From these two words come the English *chocolate*, *cocoa*, and the more unfamiliar *cacao*.

Cacao is the raw material which is produced when *cacao* beans are ground down into a semi-liquid mass. As this was too fatty to be pleasant, a Dutchman, Van Houten, devised a process for pressing out about 65 per cent of this fat, which is known as *cacao* (or incorrectly, *cocoa*) *butter*. When this has been done, *cocoa* remains. To make

chocolate, sugar and cacao butter is added.

From a distance an orchard of cacao trees does not look unlike an English apple orchard. The trees, planted 300 to an acre, grow 20-25 feet high. In Brazil there are over 100 million trees in area one fifth the size of Europe, producing in 1938 125,000 tons of beans.

Cacao pods are cut very carefully from the trees with a knife on the end of a pole, which is called a *podadera*, or cocoa hook. When the pods have been cracked, the beans and pulp are scraped out and left to ferment for three to five days. During this process the pulp turns to liquid and drains away. The beans are then dried in the sun for three or four days. In Venezuela clay is scattered over them, and they are dried and polished by the feet of the natives, who dance on them whilst they sing their traditional songs. In Ecuador the beans are dried on strips of matting made of split bamboo, called *barbecues*, while in Bahia most of the beans are dried by artificial heat. "Estufas," as these are called, fetch a high price because they are not subjected to the vagaries of the weather during the drying process.

Chocolate is made today in a bewildering variety of forms and flavours, but, apart from the extraction or addition of cacao butter, the process of manufacture is essentially the same as when Cortes watched it four centuries ago.

Perfect BUST

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DEAD MAN'S GAMBLE

M. RENEE LEDON, for thirteen years director of Casino at Monte Carlo, tells this story:

A Dutch visitor went to the Casino one evening. He staked 100 francs on *rouge*, and won. As he remained impassive, the croupier added the winnings to the original stake on *rouge*. It won again, and time after time—the Dutchman making no gesture to claim his winnings—a red number continued to carry the original stake on towards fortune. At last, when the impassive gambler's stake stood at 128,000 francs—the limit for an even chance—the croupier addressed the successful gambler. He received no answer. An attendant moved quietly up and tapped the man on the shoulder.

The Dutchman fell forward over the green cloth—dead. The bank immediately raked in the 128,000 francs—they did not play with dead men! But the Dutchman's relatives sued them, and since it was impossible to establish the moment of the man's death, the Court decided that the full amount should be paid over to his heirs.—*A-Magasinet* (Oslo).

Matrone Specific & Elixer.

This is the dual action treatment for Asthma, made to the formula of Dr. Gustave Matrone. It gives relief in all cases of Asthma and gradually effects a permanent cure.

Prices: 1 bot. Matrone Specific (Tablets) Rs. 5-8.
1 bot. Matrone Elixer. (Liquid 4 ozs) Rs. 5-8.
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6 bots. of each. Matrone Specific & Elixer Rs. 57.

Dubois Specific & Ointment.

This combined treatment is unequalled in promoting a permanent removal of Piles. Made to the formula of Dr. Etienne Dubois. Piles Specialist. Prices: 1 bot. Dubois Specific. Rs. 5-8.

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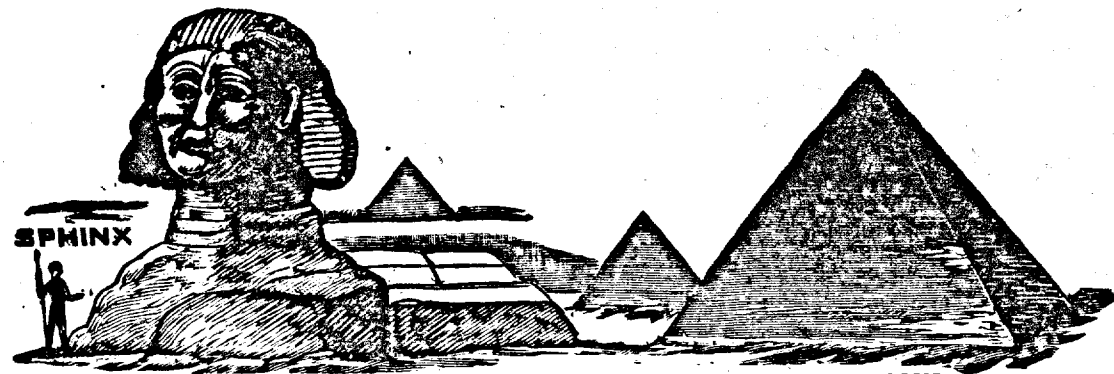
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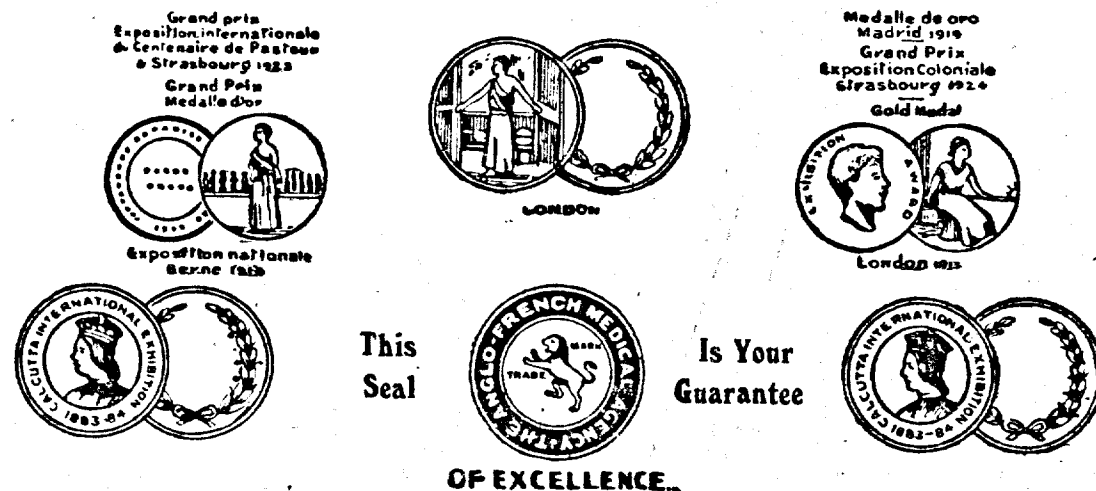
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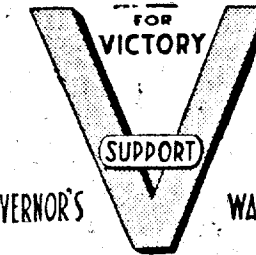
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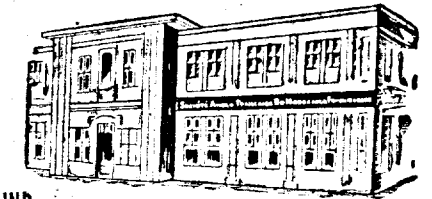
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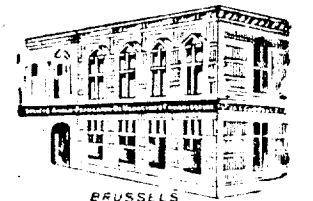
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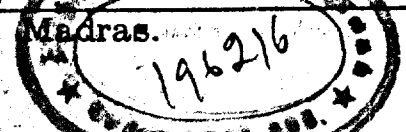
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