

Medical Service

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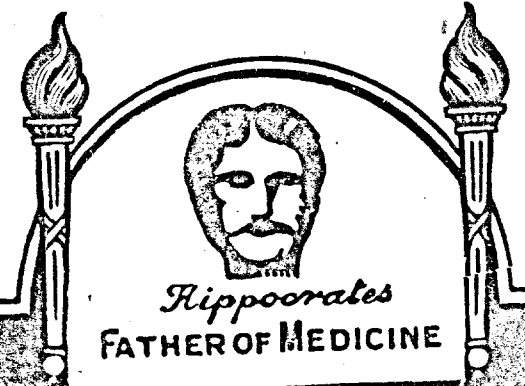
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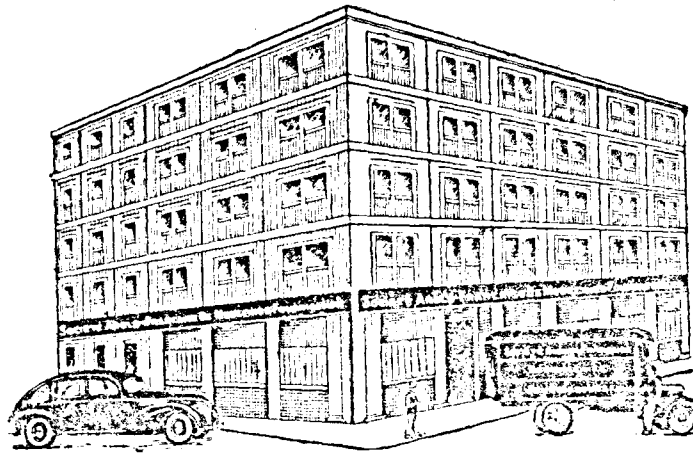
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1/2 year Rs. 10



Published  
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1944.

## 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)**

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

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

# MEDICAL SCIENCE

VOL. 8. 9

JULY 1944.

No. 4.

## THE STORY OF TOBACCO

By Lewis Spence.

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The cloud of argument which veils the introduction of tobacco into Europe seems to have obscured the simple fact that the first European who attached any importance to the herb was none other than Christopher Columbus himself.

On the occasion of his third voyage to "the Indies," the natives of San Salvador had offered him certain bundles of dried leaves. He accepted them casually enough, and laid them aside. But, later, on October 15, 1492, when sailing from Fernandina to Santa Maria, in the Bahamas, his vessel fell in with a canoe paddled by a solitary Indian, and his quick eye observed that part of the savage's cargo consisted of bundles of the same sort of herb. This aroused his curiosity and he began to make inquiries through his interpreter as to its use.

In after years, his descendants must have blessed this inquisitiveness, for the

fortunes of the Columbus family owed nearly as much to the importation of tobacco as to the emoluments it drew from the Spanish Crown by virtue of its ancestor's discovery of America.

Columbus's son, Diego, seems to have done a roaring business as a tobacco importer and, in 1523, he left a substantial legacy to a tobacco merchant in Lisbon, who had acted as his representative there. Tobacconists' shops flourished in Spain and Portugal nearly a generation before the introduction of "the weed" into England.

### Apparatus of Smoking

If we try to extract any information about its history from the word "tobacco," we will probably not derive much guidance from standard works on the subject.

The word "taboca" belongs to the language of the Guarani Indians of Brazil, but it does not describe the leaf which

### 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.

we know by a similar name, but rather the apparatus through which it was smoked. This was a species of Y-shaped or trumpet-shaped in-haler or tube, into the wider end of which the crumbled leaf was packed.

The island of tobago, in the west Indies, did not, as is widely thought, give its name to the plant; it was so called by Columbus because its geographical outline somewhat resembled that of the appliance through which the Indians inhaled tobacco fumes, a tube resembling a modern cigar-holder,

The Tupi Indians of Brazil called tobacco "Petum", and the Caribs "tawe". But the name of the primitive pipe speedily gained currency in all European languages as that of the plant itself.

The fact that the pipe was the earliest medium in our island for the smoking of tobacco, reveals that the custom must have been imported into this country from North America, for the shapes of the pipes we still use are certainly derived from that of the North American "calumet."

America, before its discovery, was divided into North and South not only geographically, but also according to its allegiance to the pipe or cigar. The North was almost entirely pipe-smoking, while primitive South America took its tobacco in the form of a rolled leaf, or "cigar," somewhat larger than those familiar to us, and bound together with fine threads drawn from the agave plant. The word "cigar" is indeed a corruption of "sic'al," employed by the Mayas.

Indians of Central America to describe the leaf thus rolled.

It seems probable, however, that the cigarette has a more ancient origin than either the pipe or the cigar, and a former religious significance which it is difficult to associate with its modern appearance and casual method of consumption. It was smoked in the South west of North America from time immemorial, and the "ends" were deposited by devotees in the sacred caves of the local gods in Arizona as votive offerings.

#### Cigarettes From Reeds

Until recently, the Pima Indians of Arizona, the descendants of these ancient worshippers, made cigarettes from a reed which grows on the banks of the River Gila, a smoking-tube the length of the first two joints of the index finger. Around this tube was tied a miniature belt woven from cotton and agave fibre, the reed being regarded as "male" or "female" according to certain marks it bore. When the Pima Indians went to battle, these tubes were deposited in a cave-shrine dedicated to their god of war. Numbers of them have been found in a ceremonial chamber excavated at Casa Grande, Arizona, many at a considerable depth in the earthen flooring.

Still the pipe has a most ancient beginning, and for this we must look to Mexico. For it was developed out of the tobacco censer. Tobacco fumes were at first employed as a fragrant offering to the gods. The censer in question, of which numerous examples survive in Mexican museums, resembled

a very large tobacco pipe. The stem was about fifteen inches long and had a very definite mouthpiece. The celebrating priest filled the bowl with tobacco from a large pouch of ocelot skin which he always carried, and then applied a light to it.

He created a glow in the dried herb by suction of the cheeks, precisely as does a modern smoker when lighting his pipe. But instead of continuing to inhale it, his purpose was to *exhale* it, so that it might create a fragrant cloud which would reach the nostrils of the idol to which he ministered. Smoking of a sort was thus inevitable, and the properties of the herb in this direction would soon reveal themselves.

Clay, or pottery, pipes were voted too heavy by the Aztec nobles of Mexico, who packed their tobacco into small hollow canes gaily ornamented with feathers. A story was current in old Mexico that guests at wedding festivities began the custom of smoking by packing tobacco into the hollow reeds which strewn the floors, setting them alight and inhaling the fumes.

A most elaborate code prevailed among the Mexican aristocracy regarding the taking of tobacco, which was accompanied by courtly gestures inculcated by tutors who gave instruction in this etiquette, much as was the case in Elizabethan England, where the "drinking" of tobacco was carefully taught by experts.

#### Tribal Beliefs And Superstitions

Most North American Indian communities still believe in the sacred origin of tobacco, although scarcely two tribes agree as to the manner in which the boon was conferred upon mankind. Many, however, think that its seed was the burnt hair of a god which fell to earth and took root there. All tribal agree-

ments and councils were formerly accompanied by smoking. The first whiff was directed to the powers above, the second to those below, after which the spirits of the four points of the compass received similar recognition.

The extraordinary thing is that tobacco, as first known to Europeans, seems to have been definitely harmful. Some of the earlier Spanish and English writers speak of it as an abomination which steals away the senses, an intoxicant of the most dangerous description.

Wafer, a surgeon who travelled in the Isthmus of Panama in the latter years of the seventeenth century, gives us an extraordinary picture of communal smoking, or rather fumigation, in these regions. He tells us that a boy took a large cigar, placed the lighted end in his mouth, and then blew the smoke "through the whole length of the roll" (cigar) into the faces of the crowd who had assembled, perhaps to the number of two hundred persons. These made a funnel with their hands round their mouths and noses, to receive the smoke, snuffing it up greedily, and strongly, and retaining the fumes as long as they were able to hold their breath.

Nearly all the Spanish writers of the earlier colonial days deplore the dreadful scenes of intoxication which seem to have followed upon the smoking of cigars in Cuba and the West Indies generally, describing them in accents almost heart-rending. They speak of men falling headlong to the ground after prolonged orgies of smoking, and lying insensible hours, or even for days.

Probably the crude methods of curing the leaf which then prevailed contributed to these distressing effects. When we remember that the which-doctors of early America used tobacco, mixed with noxious dried insects, as an ointment with which they smeared their bodies to induce magical dreams and visions, we get

a further glimpse of the potentially harmful properties of the so-called soothing weed.

For a considerable time in Europe, tobacco was esteemed for its medicinal properties. It is spoken of as a panacea for wounds and ulcers, to which it was applied as a poultice, and was employed both as an antiseptic and anaesthetic, and for diseases of the lungs

In England, James I did his utmost to suppress its use. France put heavy tax upon it and the Swiss Council of Berne placed the prohibition against tobacco among the Ten Commandments!

In 1634 the Greek Church banned its use absolutely, a proceeding in which it was followed by the Czars of Russia, who decreed that for a first offence smokers should be scourged and for the second condemned to death. In Turkey, Persia and India the death penalty was likewise inflicted on those who took tobacco in any shape or form.

### Early Description

The earliest English description of tobacco is to be found in the account of Hawkins's second voyage to Florida, in

1565. He describes the Indian pipe in use there as an earthen cup with a cane stem. Thomas Heriot, servant to Sir Walter Raleigh, was one of the first to write of Virginia. Speaking of tobacco as used in that colony, he calls it "up-powac" and describes its ritual use among the Indians.

There is little foundation for the tale that Raleigh introduced tobacco to England, but he certainly brought its use to the notice of polite society, and he was assuredly an inveterate smoker.

Paul Hentzner, a German who visited England in 1598, says; "At bull-baiting, bearwhipping and everywhere else the English are constantly smoking the Nicotian weed which in America is called "Tobaca." In 1558 it was taxed by Queen Elizabeth, a measure which aroused intense hostility,

During the reign of Charles I nearly every county in England grew tobacco, but in 1661 its plantation in this island was sternly put down by Act of Parliament, as being unfair to the colonial production and trade in the commodity. But I have smoked English tobacco grown by special licence, and realise how very good it is!

—: (0):—

### 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.

## OUR SOUTHERN GATEWAY TO RUSSIA

Now we're rediscovering the Garden of Eden—for  
through it runs a life line to Russia

By Edgar Snow

—: (0):—

Iran! It is an engaging, even romantic country—if you can forget the filth and disease that kill eight out of ten of its children before they reach the age of five. From the air it is weirdly beautiful. From the ground, seen eye to eye with its people and against the background of their great history, it is as near the Arabian Nights as anything this side of Hollywood. And despite the greatest battle in history that is being waged above its frontiers on the Caspian Sea, the country in many ways is far removed from war.

Aside from oil, why should we take so much interest in an obscure little country halfway around the world? Well, for one thing, it isn't so little; it would make half a dozen Britains, for example. And second, it is not obscure for us any more, because Iran is now our only land bridge connecting unoccupied Southern Russia with the sea lanes which cross the Atlantic and Indian oceans to the Persian Gulf. It is to Soviet Russia what the Burma Road was to the Chinese, only much more so.

On paper, Iran has been an ally of Britain and Russia ever since January 1942—though an odd arrangement spe-

cifically relieves her of fighting Germans, even in self defence.

I flew into Iran recently and into its mountain-rimmed capital, Teheran; crossed the bands of yellow and green sand and earth which cradled a half dozen buried civilizations tracing back to centuries before Christendom.

I saw the ruined fortress where Sindbad the Sailor is reputed to have lived, outside Basra; looked down on Al Qurna, a sun-baked town of mud brick set among palms and gardens beside the Euphrates. Somewhere near Al Qurna, Adam ate the apple that started all the trouble. So best guessers say.

Sindbad's successors claimed the original apple tree still flourished as recently as the first World War, when it disappeared during a locally celebrated international incident. It seems some Tommies, slightly overheated with beer and midday sun, went on an unauthorized souvenir hunt one day and broke several branches of the forbidden tree. The sacrilege roused the inhabitants, who though Moslems revered the tree as the apple of their eye. When the fighting was over, nothing was left either of Adam's apple tree or the Tommies.

Beyond Al Qurna lay the city of Ur of the Chaldees, supposedly where Abraham was born, and farther along our course were the ruins of Babylon. Outside of Baghdad we swooped low over Ctesiphon, where the great arch of the meeting hall built by the Sassanids more than 1,000 years ago still defies the elements and the law of gravity. But before that we flew over Kut-II-Amara. It was here, in the last war, that General Townshend lost his big English army to the Turks after a daring advance on Baghdad. It took the British a year to recover from Townshend's defeat and organize another expedition under General Maude, which eventually captured Baghdad. Today, the British have Iraq in their hands, and the railway—which means the supply line—running from Basra through Baghdad clear to the Turkish border.

Honest men agree that few things in life bring the same satisfaction as leaving Baghdad. We did so as soon as possible.

To come into Teheran, you have to climb to 15,000 feet and step over the rim of the mountain range which rises in the distant Caucasus and ends in the wastes of the Baluchistan frontier of India. A thousand and one items, from trucks to thermometers, are flowing through this gateway of supply. And so Teheran, which a few years ago saw nothing in its streets but camel traffic from the desert, now is one focal point where the hopes of the United Nations for a Soviet victory converge in concrete form. Here goods entering on four different railways and roads, one of which starts in far-off Karachi India, meet on the way to their final destination.

Formerly, the Persian Gulf was important chiefly for exports of oil from Abadan and Bahrein. Basra was about the only general trading port with modern equipment and much significance. Before military supplies could be unloaded on a big scale, new docks and piers had to be constructed and unloading machinery installed. All that had come the hard and long way from Britain and America. It took time and technicians to get it working. Today, half a dozen different ports are available.

Life for army technicians in South Persia is no bed of Rubaiyats. They bake in desert heat ten months, dream of home the whole twelve. In Basra, people will solemnly assure you the thermometer reached 147 in the shade at the airport last July. Not to be outdone, Abadan claims a record three degrees higher.

Iran is also full of dysentery, malaria, trachoma, typhoid, typhus, cholera, smallpox and a peculiarly nasty punishment known as Baghdad boils, or Oriental sores, but it likewise grows the loveliest roses of the East and produces excellent wines and caviar.

Nevertheless, Teheran itself, now a city of more than a half million, has a healthful climate, and many call it the best in the Middle East. A little more than a decade ago it was a hole like Baghdad or worse, a mere hazard in the desert, a collection of narrow, canopied streets winding between mudbrick walls, hiding a few places of gardens and cool beauty, but mostly opening into

hovels of darkness and filth. Old Riza Shah Pahlevi changed some of that. Rome was not built in a day, but Teheran was rebuilt in a decade.

As a starter, the Shah made himself a new palace with a fifty-cargarage. The plazas and squares were laid out and filled with statuary and fountains. Electric lighting and power were introduced. Impressive government edifices and several streets of modern shops were erected and a number of schools, hospitals and other public buildings appeared. Even the British got the idea. They put up a magnificent structure, finished to resemble a mosque, to house the Imperial Bank of Iran. As a climax, the Shah ordered a streamlined railway station. The result of this burst of energy is that Iran's capital today is one of the most attractive cities in Asia.

Teheran is semi-Asiatic, semi-European, with a brisk, invigorating climate, a mixture of seemingly every race, from flaxen-haired Czech and Polish refugees to Mongoloid tribesmen in from the hills, and dark Arabs, with hooded women clothed all in black.

The shops are crammed with goods—more than I saw in any stores from Cairo to Chungking—but at fantastic prices from Cairo to Chungking but at fantastic prices for anything imported. Inflation is already rampant. On the other hand, caviar vodka and Persian wine are plentiful and still relatively cheap. The fruit stalls are crammed with luscious pears, apples, pomegranates

and grapes. There is a seemingly inexhaustible supply of meats, nuts, confections and pastry.

Russian is spoken in most spots and Russian music is played in the restaurants. Russian droshkies with bearded drivers dispute the crowded streets with Persian dandies driving late-model American cars and completely indifferent to petrol consumption. Even locomotives here run on oil. There is only one drawback to the enjoyment of unrationed petrol. A medium-priced American car will cost you about £3,000.

At dusk Teheran's main street is a manikin show which makes serious war seem a remote nightmare. Polish, British, Fighting French, Persian, Indian, Egyptian, Russian and American costumes are among the throng, but it is a definitely male show, women providing only a sombre background.

Iran's army is peculiar in that it is pledged to help the Allies, but not to fight the Axis. Numerically, it would have little effect on the balance anyway. Its strength is put at 80,000—and judging from the streets of Teheran, one would guess that at least 70,000 are officers. The gendarmes, militia, police, army and boy scouts are entirely native controlled. The new Shah, Mohammed Riza, is commander in chief of all in uniform.

Handsome, sober, earnest, industrious, he's obviously devoted to his strikingly

(Contd. on page 9)

## 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.

beautiful Egyptian-born queen, Fawzia, and the couple appear very popular. A trained soldier, his first love is the army, over which he has now established direct control. He is eager to modernize it and to build up his air force.

Second to the Shah in power right now is Ahmed Ghoram, prime minister, and some say the Shah is second to him. He is the elderly political boss of parliament, whose members were entirely appointed by Mohammed's father.

Already Iran is connected by fairly good motor roads with Europe and India. If the war lasts long enough, she may yet be connected by rail to India. The land of Harun-al-Rashid and of old Omar, which till recently was still veiled in purdah and mystery, with its capital as inaccessible as Lhasa, is one more country that is through with isolationism. It has become one of the main crossroads of the world, and seems, to like it.

## Judgment Day.

THE JUDGE in a murder trial, in which it had been ascertained that the victim had been slain with a rock, wanted to find out the size of the murder tool and asked the defendant:

"Would you say that the rock was as large as my fist?"

"Yas'er, Jedge," the defendant replied, "I 'spects 'twas a little bigger dan dat."

"Was it as large as my two fists?" the judge asked.

"Yas'er, Jedge," the defendant replied. "I 'spects it was a little bigger dan dat."

"Was it as large as my head?" the judge queried.

"Jedge," he answered, "it was as long but I don't think 'twas quite as thick."

BEFORE the bar of justice on wife-brought charges of desertion and non-support, Mose Brown meekly admitted his guilt and offered nothing in extenuation except that the lady talked too much.

"That's no excuse for desertion, Mose," the court said. "Don't you know that the Constitution guarantees every woman the right to talk all she wants to?"

"Yassah, Jedge. I knows it do. Only Lucy she never stop talkin'. She keep it up stiddy, mo'nin', noon and night day in, day out, till it git so I jess cain't stan' it no mo', Jedge."

His mournful earnestness impressed the court. "She does? What does she talk about?"

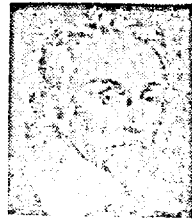
Mose wagged his head sorrowfully.

"Jedge, suh," he said, "she don't say."

## ROAD MAKERS OF SCIENCE



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



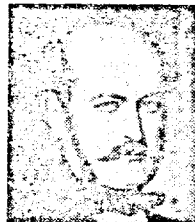
Dr. William Harvey.  
Discovery of the circulation of the blood.



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



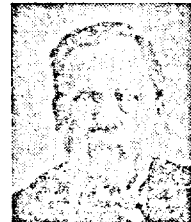
Sir James Simpson.  
Discovery of Chloroform. Thus made possible painless operations.



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

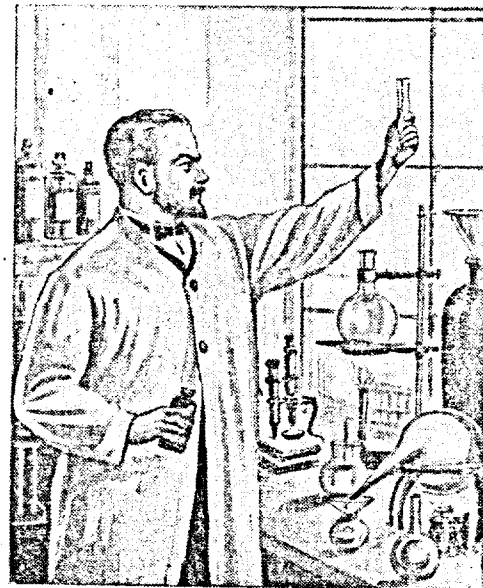


Dr. Eijkman.  
Discovery of the cause and cure of Beri-Beri.



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

## *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.

## Travellers' Tales.

—: (0): —

### They Know What Freedom Means

"Hell," said an indignant inmate of California's grim 404-acre San Quentin Prison, "there's more patriotism inside here than outside. . . ."

A boisterous near-riot of San Quentin's 4,000-odd convicts one sombre Sunday afternoon over a year ago made able Warden Clinton Truman Duffy grin with pride. Reason: the Japs had just attacked Pearl Harbor; the convicts, swarming around him in the "Big Yard," were patriotically clamoring for immediate revenge.

They are getting it. Warden Duffy went after war contracts; today San Quentin works eight hours a day instead of the traditional six, tops U. S. prisons in war production.

For the Navy, convicts make submarine nets; make or recondition buoys; repair hundreds of shoes; do laundry. They are making 300,000 Navy pillowcases, 40,000 mattress covers, have turned out 10,000 Navy cafeteria trays and only await metal to turn out 100,000. The prison's furniture shop has made hundreds of night sticks for the California State Guard; the jute mill makes sacking for sandbags, the machine shop repairs Navy valves.

When the Red Cross asked for blood, 700 convicts volunteered; 144 already have donated. Men in the prison tailor shop cut material for Red Cross sewing units. Soon the convicts will begin to reclaim rubber-covered copper wire salvaged and brought back from Pearl Harbor.

"Hell," said a San Quentin inmate, "we know what freedom means."

### Tidings of the Riviera

The pinched pallor of life on France's once sun-tanned, vitamin-enriched playground

was reported last month by Correspondent Janet Flanner. She told the story of starvation on the Riviera.

From letters, refugees, returning travelers and from the Fighting French, Miss Flanner pieced together her picture of present-day Nice and Cannes, where "raggle-taggle" French gamble in the casinos for thumping stakes behind blackout curtains; of Monte Carlo, where Nazis go to relax with 'an occasional quisling let out for a run'; of Montauban, whose museum now holds the Louvre's Mona Lisa and whose brave Archbishop fights Laval's anti-Semitism.

"There are no gaudy tabloid features in what is tragically happening on the Riviera," she says. "It is a large, uniform panel of deterioration, in which no one is starving, everyone is hungry, and food is an obsession. The French declare they can keep going like this for the rest of the century, but they already lack emotional, mental and physical energy. Thousands of rickety, underfed children will soon be bow-legged. Twenty-five per cent. of them are estimated to be on their way to tuberculosis. In Auribeau, a hamlet perched on the slopes behind Cannes with 485 inhabitants, only one live baby was born in the last year. Of 30 victims of diphtheria in the same district, 16 died; whatever you catch can kill you . . ."

"According to reports, French adolescents are the group most in need of being saved. The French race is drying up without flowering or seeding. French children are now regarded, dietetically, as children through the age of eleven, and as such are entitled to milk, when there is any. At twelve they rank as adults at table, eligible for anemia. As a result, French girls fail to become nubile."

## 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.

**Anti-Constipation Tablets.**  
Quickly cures constipation. Made in England.  
Price Rs. 2-8-0 per bot.  
3 bots. Rs. 7.

**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.**  
Boots or Monsanto. 1 lb tin nett. Price on application, due to market fluctuation. Saccharine Tablets. ½ gr. 100 each bot. Price Rs. 3-8-0 per bot.

*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.

**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. (Elixir for internal use) and Bayonne No. 2. (Injection).  
Prices: 1 bot. Bayonne No. 1. (Elixir) 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) 24 capsules per bot. Per bot. Rs. 4-8-0. 3 bots. Rs. 12.

**Marlenbad Anti-Obesity Tablets.**  
Guaranteed to remove superfluous fat quickly and safely. Does not weaken the heart. Sold in tins containing 60 tablets.  
Per tin Rs. 3-8-0. 3 tins Rs. 10.

**"Uranol" Backache, Kidney and Bladder Pills.**  
Cures Kidney affections and bladder weakness. Removes stone in the bladder, etc.  
Per bot. Rs. 3-8-0. 3 bots. Rs. 10.

**Chapelles Liver Tablets.**  
Cures all liver affections, enlarged liver, etc. Try a bottle and note the results.  
Per bot. Rs. 3-8-0. 3 bots. Rs. 10.  
**Chaulmoogra Oil Capsules** 10 minims. Made by A. H. Cox & Co; Ltd. England. Rs. 3-14-0 per 100.

**"SIROLIN" syrup** for coughs, chest and lungs.  
Price Rs. 4-8-0 for 8 oz. bot.

**Anti-Malarial Tablets.**  
Guaranteed to cure Malaria safely and permanently. Better than ordinary Quinine.  
Per bot. Rs. 3-8-0. 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 Ravignac. Approved by Doctors.  
Prices: 1 bot. Rs. 7-8-0.  
3 bots. Rs. 21-0-0. 6 bots. Rs. 40-0-0.

**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. 3-8-0. 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....."

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.**  
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. 4-8-0. 3 bottles Rs. 12-0-0. 6 bottles Rs. 22-0-0.

### 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. 3-8-0. 3 bottles Rs. 9-0-0. 6 bottles Rs. 17-0-0.

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

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. Ravignac. (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. Ravignac

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, unhindered, irresistibly!

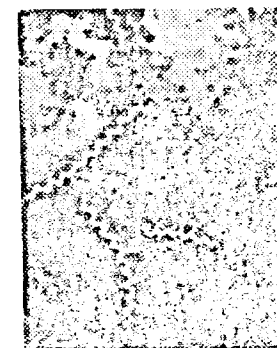
# SYPHILIS—PUBLIC ENEMY NO. 1.

Its origin, symptoms, tests, consequences and cure.

By a Doctor.

|      |                                                                                |
|------|--------------------------------------------------------------------------------|
| 1492 | Colambus and his men contract Syphilis in the West Indies                      |
| 1494 | Spanish army goes to defend Naples against the French                          |
| 1495 | French enter Naples, celebrate victory and contract Syphilis                   |
| 1496 | French army, home-ward bound, carries Syphilis up through Europe               |
| 1496 | Syphilis breaks out in Germany                                                 |
| 1496 | Syphilis spreads to Switzerland                                                |
| 1497 | Paris rife with Syphilis                                                       |
| 1498 | Vasco da Gama sails around the Cape of Good Hope and Syphilis spreads to India |
| 1501 | Epidemic of Syphilis in the Orient                                             |
| 1940 | Millions of known cases of Syphilis all over the world                         |

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

|      |                                                                                                                                            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1496 | The French Legislate against Syphilis                                                                                                      |
| 1496 | Mandate of Maximilian, Syphilis called "Evil Pocks" (Thought to be punishment for sin)                                                     |
| 1497 | Aberdeen, Scotland legislates against Syphilis                                                                                             |
| 1767 | John Hunter believes Syphilis and Gonorrhea to be the same thing                                                                           |
| 1837 | Ricord proves Hunter to be wrong                                                                                                           |
| 1879 | Neisser discovers specific vegetable organism causing Gonorrhea                                                                            |
| 1903 | Metchnikoff and Roux inoculate apes with Syphilis                                                                                          |
| 1905 | Hoffmann and Schaudinn discover germ which they call <i>Spirochaeta Pallida</i> (Spirochete)                                               |
| 1907 | Wassermann inaugurates Blood Test for Syphilis                                                                                             |
| 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! |



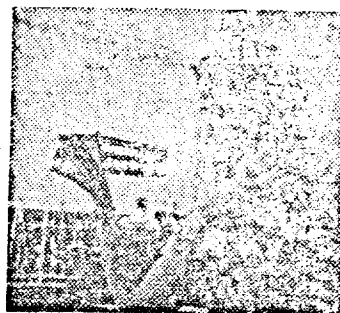
In the Wassermann test the blood is placed in a test tube instead of being prepared on a slide. After it is in the test tube an antigen is added to the blood. The test tube is then placed into a refrigerator where it is left overnight.



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.

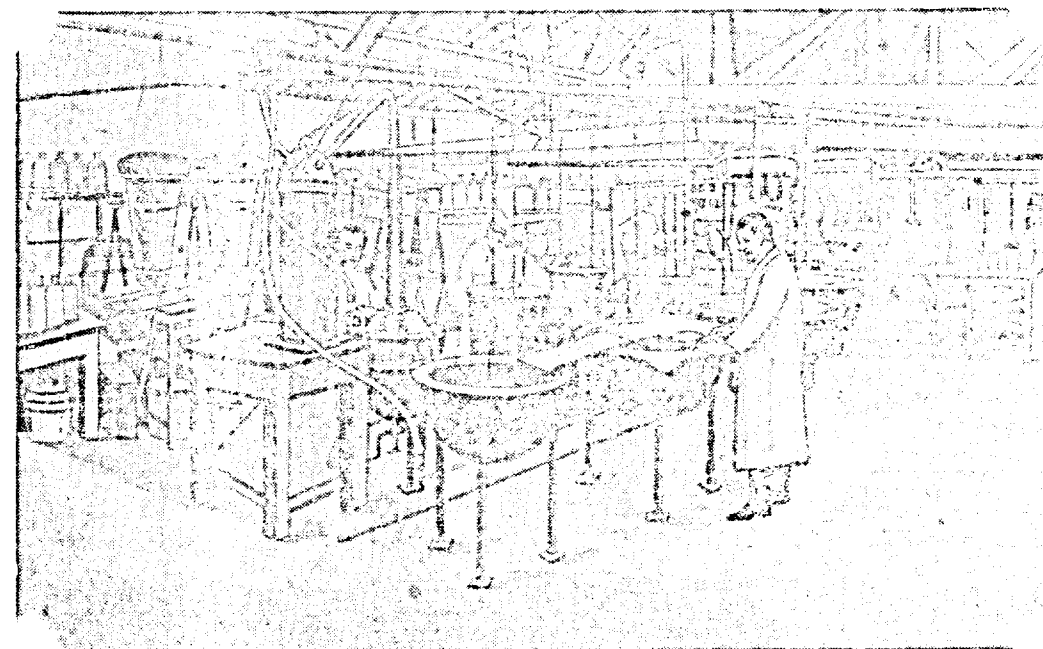
**TERTIARY SYPHILIS** is a disease of the bones and general diffusion of the poison through the system. It manifests itself in the inflammation of different glands of the body with severe pains in the bones.

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 gist; but, whoever or whatever he is, he dependent on progress in the ancillary must see the necessity of applying sciences, physiology, pharmacology, etc., scientifically-established facts to human new discoveries in pure science are the 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.

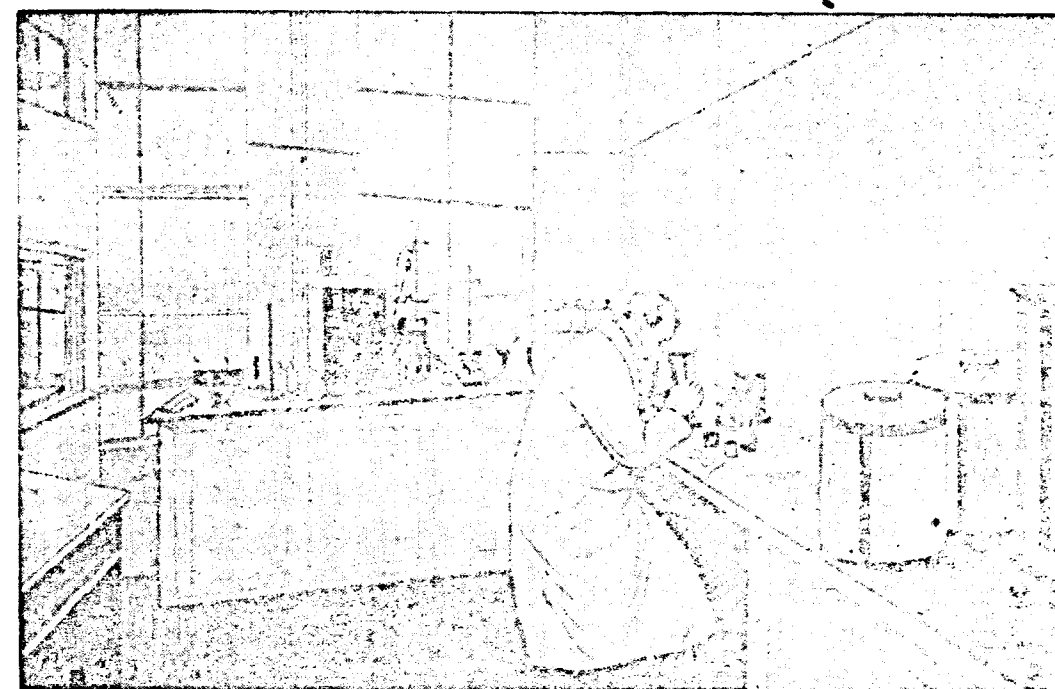
It has always been the policy of the Bergeret Laboratories never to offer a product to the world until it has been first subjected to the most exhaustive tests. Therefore; you may be sure that not only has a Bergeret Product been standardised, and made to conform to the highest degree of purity, and 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.

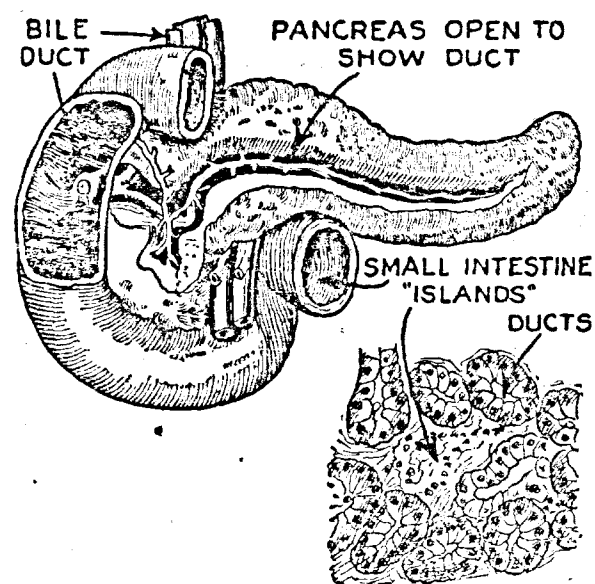
Address complaints to Manager.

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.



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.

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

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....."

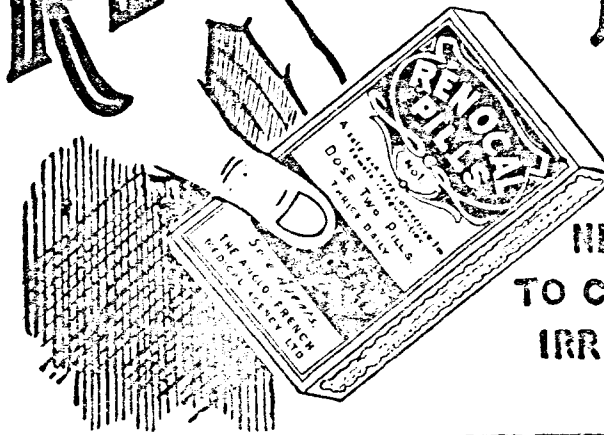
Dr. Rene Peyral. (Paris) "....Neo Sadalan is composed of the essential therapeutic agents and I endorse it as a most efficacious preparation for all syphilitic affections....."

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....."

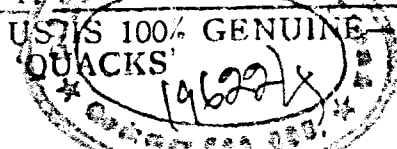
Mr. ——— writes:—"I am glad to say the Pills have done the necessary, so kindly cancel my order for the Mixture. Thanking you very much for your kind attention and the efficacious Pills sent....."

## RENOCAL PILLS. (Two Strengths.)

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

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



# CAMILLE

PREVENTATIVES.

[Snow White]

[Snow White]

Beautifully Soft and Skin-Like—Unnoticed in use.

Preventatives

De Luxe



As Thin as Tissue  
Yet Strong as Silk

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

"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 Thistle-down  
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

### THE NEW LIQUID LATEX PREVENTATIVES.

Highest Quality

5 Times as Strong as Ordinary Rubber

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

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.

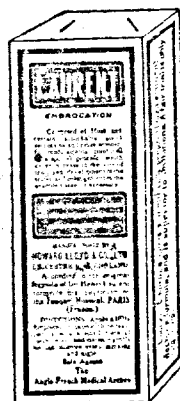
### A Powerful Aphrodisiac.

### 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 wonder-

ful 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 three 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 two 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.

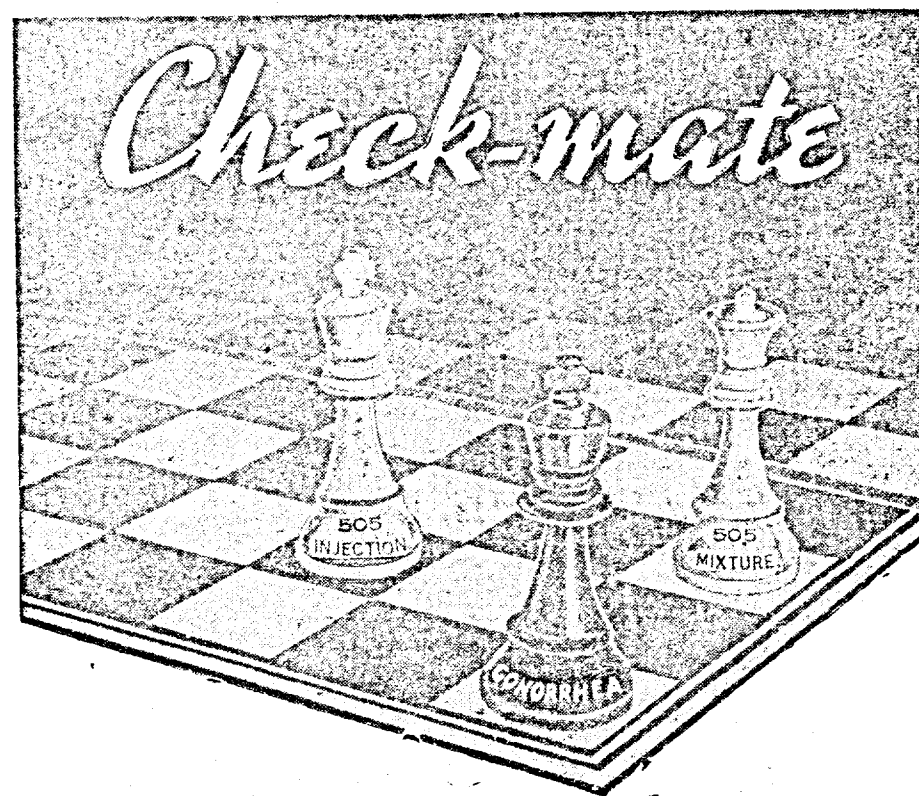
Previously, when a patient's temperature dropped even close to 90 degrees death was considered inevitable. But in these new experiments one woman's temperature was brought down to 82° for a short period with no ill effects.

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.

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

#### "505" INJECTION.

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

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

## Gonorrhea—The Best Treatment

BY A DOCTOR.

—o—

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, prostatitis, 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

AFTER  
TREATMENT

ALL REMOVED

CLEAR, HEALTHY  
SKIN

CURED

BANISHED

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

"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

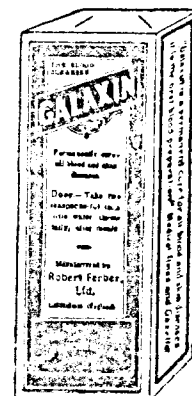
Galaxin Blood Cleanser is now manufactured by Robert Ferber Ltd. London, England, to the formula of Dr. E. F. Macdonald, M.D. L.R.C.P.; the famous Blood & Skin Specialist, who has cured thousands with his infallible treatment—discovered after extensive research and experiment.

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

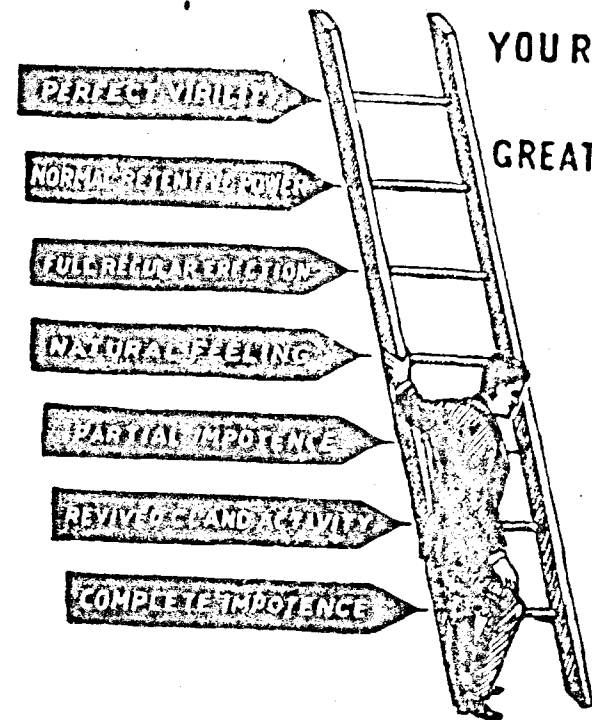
GALAXIN



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.

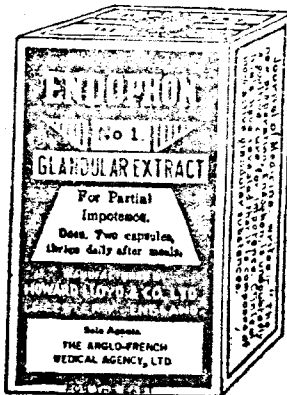
### What ENDOPHON Does

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

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

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

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



### SOLD IN 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) is four months and **Endophon No. 2** for Partial Impotence (Feeble Erection) is four months, each comprising 20 bottles, and the cost of each course, 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 1898. 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.

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.

"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.

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

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

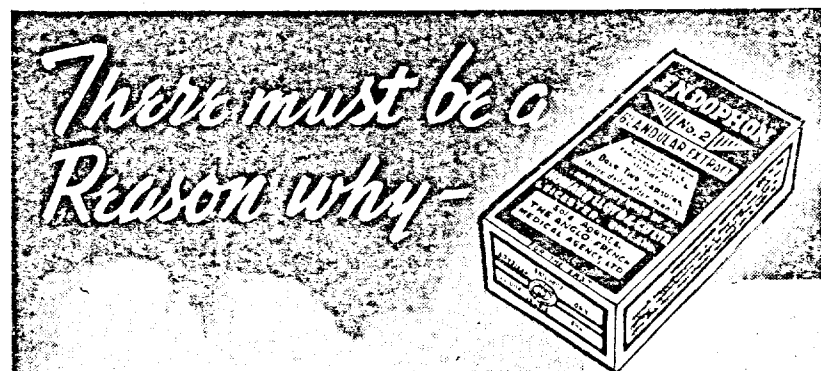
Several attempts have been made to arrive at a formula which would bring about successful results. Commencing from the experiments of Brown Sequard in 1889 down to the recent findings of Dr. Serge

Voronoff, the famous Russian Surgeon, it is a long history of laborious investigations by men of outstanding ability who dedicated their lives to the cause of medical progress and the alleviation of human misery.

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

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

## "THE CHOICE OF THE EXPERT"



★ 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 10% 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, En-  
dophon, 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. E. P. Maurillard. 24, Rue des  
Fosses St. Jacques. Bordeaux. France.  
"...As a remedy for sexual weak-  
ness Endophon has no equal....."

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 pre-  
parations, having the vital gland  
substances in a concentrated  
form....."

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

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.

**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. 2 'Enjex' 3 bots. No. 3 'Enfal' 3 bots. No. 4 'Enfem'  
.. 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.

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).

## Doctors Opposed Mackintoshes

By Margaret Huish.

When the rain streams down and we turn up the collars of our mackintoshes, few of us realise that we are wearing a garment which was once despised and even thought dangerous. Nor do many remember that even the word "mackintosh," now meaning a coat of cloth waterproofed with rubber, was actually the surname of the inventor of the garment, Charles Macintosh, a scion of one of the oldest Scottish clans, who died just on a hundred years ago.

Many thought that he cast a slur on his ancient lineage by going into business; his particular interests being the manufacture of the dye called "Cudbear," and the introduction of turkey-red dye into England.

But Macintosh paid no heed to these gibes and the head of the clan, writing to his son, said that he had only to "be a friend to mankind as he was, then Charles will become as favourite a name as George Macintosh and prove an honour to the Clan which I now represent."

Charles Macintosh, who was born in 1766, was an intelligent lad and when his father put him into the counting-house of a Glasgow merchant to learn business methods, he devoted all his spare time to his true interest—the study of science. He corresponded with

a Manchester doctor, considerably his senior, on the subject of dyes and geology, a science then in its infancy. Macintosh also joined a chemical society, at whose meetings he read several papers. At the age of twenty he gave up the clerkship and started on his life work, the manufacture of dyes for the textile industry.

### 'Prussian Blue' For Prussia

In 1786 he was on the Continent, partly as agent for "Cudbear," and for a time he lived with the Cure of Pontavair, near Fismes, to perfect his French. Later he visited the Leipsig Fair and Berlin in an endeavour to secure a contract for dying cloth blue for the Prussian troops. The King of Prussia, however, decided that it was more politic to manufacture his own dyes than trust to a foreign firm.

Wherever he travelled, Macintosh was interested in all he saw and we are indebted to him for the invention of numerous industrial processes, and the introduction into this country of the manufacture of at least one chemical which had hitherto been made abroad.

Dr. Wollaston, chemist and inventor of the "Camera Lucida," known to all students of photographic history, jocularly referred to

Macintosh as "the great chemist," a remark which Macintosh deprecated saying that it only referred to the extensive scale of his operations. Important; however, as many of these were to industry, it is by the process of waterproofing that Macintosh's name will go down to worldwide posterity.

The processing and manufacture of rubber was being extensively developed when Macintosh was a young man, and his interest in science brought the matter to his attention. There is little doubt that he heard of the discovery of a Frenchman, Charles de la Condamine, who when undertaking the then remarkable feat of crossing South America from Quito to Peru about the year 1735, found the natives of the Amazon valley wear ind waterproofed garments and shoes made by coating the fabrics with raw rubber dried by a smoke fire.

Condamine brought back samples of rubber to France and investigation into its properties took place at the time. Then Joseph Priestley in 1770 popularised the use of rubber for erasing pencil marks, a piece about a cubic half-inch in size being sold for three shillings.

It was however, Thomas Hancock, the son of a cabinet maker and timber merchant in Marlborough, who realised its possibilities and patented the processes which first rendered it a practical proposition, consequently he is often known as "the father of the rubber industry."

Although Macintosh had followed the developments which were taking place with regard to rubber, it was however, through gas lighting, another innovation that he came to waterproofing.

At this time, gas had gradually superseded the unsatisfactory lighting of the streets of

towns by lamps, and the awful consequences predicted by alarmists that the air of cities would be poisoned and the inhabitants blown up, had not come to pass. One problem which faced the manufacturers of gas was the disposal of the large quantity of by-products produced in its manufacture. In London there was the Thames and in Edinburgh the Firth of Forth which could be used as dumping grounds but in Glasgow there were only deserted quarries and unused coal pits for this unsavoury material for which no use appeared to exist.

Macintosh, thinking that he could extract ammonia from this refuse which could be used in the manufacture of "Cudbear," entered into an agreement with the Glasgow gas company to receive their by-products over a period of years. In separating the ammonia, however, he found that he also produced oil naphtha. Turning over in his fertile brain the uses to which this could be put, he thought of it as a solvent for rubber and in the course of experiments produced a waterproof varnish, for which he took out a patent in 1823.

Thus was born the rubber-proofing industry. The first factory was established at Campsie, near Glasgow, but later Macintosh, in partnership with friends, built works in Manchester.

The mackintosh, however, was at first anything but a best seller. One hundred years ago, in cold weather, a rubber coat became "so hard as to stand up without support and so sticky in warm weather that it could not be worn." It also had a strong and disagreeable smell caused by the waterproofing solution.

Moreover, the tailors set their faces against the novelty and, although advised not to make any coat of waterproofed material tight fitting continued doggedly to tailor them in

unsuitable styles. Furthermore, they were instructed that these coats must have as few seams as possible and for this purpose Macintosh manufactured the material in a wide width. The tailors, however, ignored these warnings, even doublesewing their seams, and were indignant when they had to return the garments to Macintosh's firm to have the seams proofed.

### Danger To Health!

In these circumstances, Macintosh and his partners were themselves driven to manufacture the material into garments and sell them retail or lose the whole business.

The doctors, too, instead of appreciating the value of a garment which would keep their patients dry and enable them to face with impunity the rigours of the English climate when travelling on horseback or on the outside seats of coaches, advised their patients not to hazard wearing so dangerous an article of clothing, giving as their opinion that they were injurious to health on account of their liability to stop perspiration.

The advent of railway travel also undoubtedly retarded the popularity of the mackintosh. But when at last a waterproofed military cloak of blue cloth lined with crimson silk was worn by a member of the Royal family, and the officers of the Guards appeared in waterproofed capes on their way to field exercises, the public began to appreciate their value.

How uphill, however, had been the struggle to popularise these garments may be judged from the words of the Attorney-General, speaking on behalf of the plaintiffs in a case brought in 1836 by Macintosh's partners to vindicate his honour and credit as an inventor against a London firm who had infringed the patent. "The cloaks," said the learned counsel, "are now very generally known, and have obtained great celebrity, and are of the greatest utility; so much so that the patent has become almost as well-known as the celebrated Mr. Watt's for steam engines. . . . The patentee had considerable difficulty to encounter in bringing the invention into

general use. There was a prejudice abroad that, although the cloaks kept out rain, they were injurious to health; but after going to great expense, the use of the patent material became popular, and the invention has only lately become very profitable."

### New Uses For Waterproofing

New uses for waterproofing were soon recognised. Sir John Franklin, discoverer of the North-west Passage, ordered a considerable amount of waterproofed canvas for lining the boats, air mattresses, air pillows and life preservers for his men. Captain (afterwards Sir William) Parry, on his return from his attempt to reach the North Pole by sledges from Spitsbergen wrote:

"Just before halting at 6 a.m. on July 5, 1827, the ice at the margin of the floe broke, while the men were handing the provisions out of the boats; and we narrowly escaped the loss of a bag of cocoa, which fell overboard; but fortunately rested on a 'tongue'. This bag being made of Macintosh's waterproof canvas did not suffer the slightest injury. . . . Of this invaluable manufacture it is impossible to speak too highly."

In 1843 Macintosh was elected a Fellow of the Royal Society. To the end of his busy life he never considered himself too old to learn, and when his sons became students at the University of Glasgow, he re-entered himself also as a student and regularly attended lectures on Natural Philosophy and courses on Chemistry.

Macintosh died at his home at Dunchattan, near Glasgow, in July, 1843. His epitaph might well be that he was a man who had the power of making the youthful science of chemistry "applicable and subservient to the purposes of the useful arts."

## 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.

## THE SCOURGE OF SYPHILIS AND GONORRHEA AND THE CURE.

*From the Lancet. June 11, 1942.*

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

Treatment was woefully inadequate between 1914 and 1918.

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

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

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

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

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

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

In 1936, Dr. Pierre De Sadalan discovered oral treatment, which he called after his name. Four years later, in January 1940, Neo Sadalan made its appearance, being the new and improved formula of Dr. Pierre De Sadalan, that clinches the fight even in long-standing cases.

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

Neo Sadalan is the best treatment and is convenient and absolutely safe to use.

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

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

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

The "MAGIC BULLET" in gonorrhoea's treatment is "505" Mixture and Injection. It is made to the formula of Dr. Edouard Pavy, the eminent specialist in venereal disease. This is the finest treatment and always effects a permanent cure.

"Each British Victory is a step towards the Liberation of the Continent from the foulest Thralldom into which it has ever been cast."

—Winston Churchill

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Villainy  
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

—o—

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. Cortés 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 *cacauatl*, 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.

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3 bots. of each. Matrone Specific & Elixer Rs. 30.  
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### Dubois Specific & Ointment.

This combined treatment is unequalled in promoting a permanent removal of Piles. Made to the formula of Dr. Dubois. Piles Specialist. Prices: 1 bot. Dubois Specific. Rs. 5.8.

1 tube. Dubois Ointment. Rs. 4.8.  
3 bots. Specific & 3 tubes. Ointment. Rs. 27.  
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### La Roche Tablets.

A permanent cure for all stomach disorders. Made to the formula of Dr. La Roche. Stomach Specialist.

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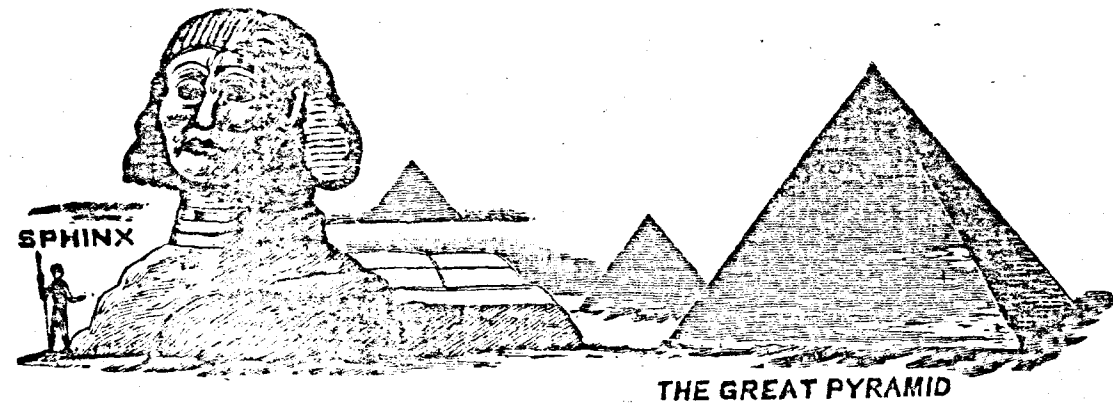
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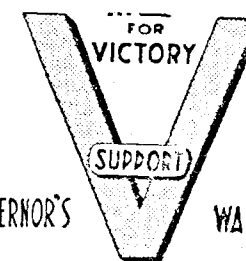
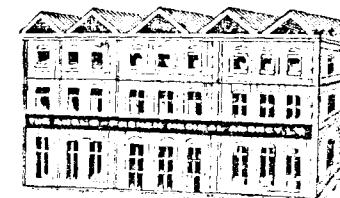
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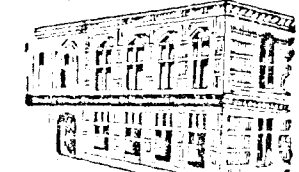
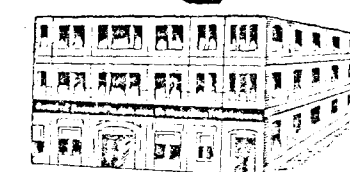
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