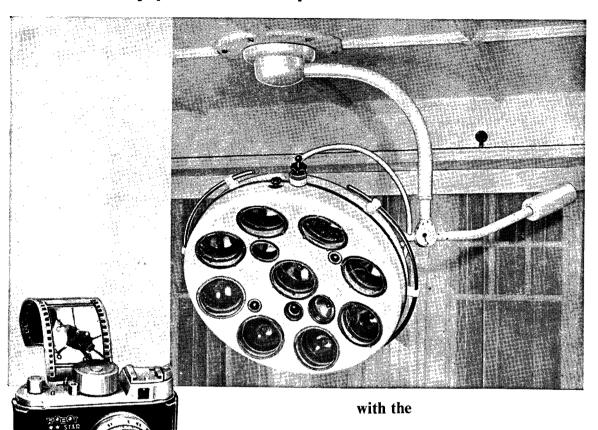
Record every phase of an operation on colour film . . .



SUPER

HANAULUX

operating lamp

with built-in camera and flash equipment

The photographic equipment consists of a Robot Camera, two electronic flashes and a focusing device, with a remote control release, which can be actuated by the surgeon himself without disturbing the operation.

The camera has a Tele-Xenar 1 : 3.8 lens, giving sharp definition over a 25 \times 25 cm. field at an object distance of 3 ft. 6 in.

Up to 54 exposures can be taken on standard 35-mm. film.

For further particulars please write to—

SIEREX LTD.

242 TOTTENHAM COURT ROAD, LONDON W.I

Telephone: LANgham 2464

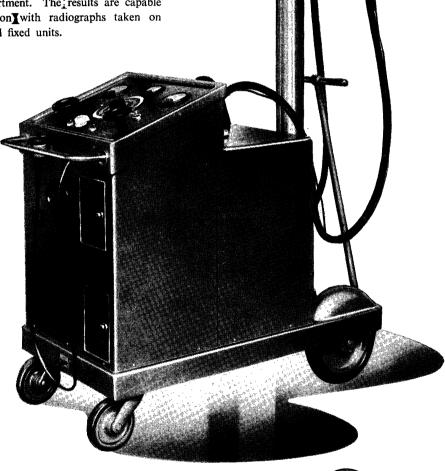


"HUNDRED NINETY"

MOBILE WARD UNIT

DESIGNED to energize a twin-focus rotating anode tube, the "Hundred-Ninety" enables short exposure tele-radiographic chest films to be taken on patients unfit to be moved to the X-ray Department. The results are capable of comparison with radiographs taken on high-powered fixed units.

WRITE FOR PUBLI-CATION No. 97 M.U.R.





PROGRESS WAY · CROYDON · ENGLAND

Telephone: CROydon 0188/9

Telegrams: Frequency, Croydon

Midland Agents: Watson & Glover, 2 Easy Row, Birmingham. Scottish Agent: H. A. West, 41 Watson Crescent, Edinburgh.

SERVICE FACILITIES AT MANCHESTER, LEEDS, AND BOURNEMOUTH



Yes, it's really here again—



now made in this country





NEW, SAFE PLASTIC ENVELOPES REPLACE GLASS

- * Gives surgeons improved gut
- * Loose coil packaging delivers a stronger, more flexible strand
- * Keeps broken glass out of the theatre
- * Saves I 3rd nurses' handling time
- ★ Saves 50% storage space

SURGILAR envelopes are packed in wide-necked jars for easy and quick removal. The new SURGILAR Heat Sterilized Pack is now available in several sizes of plain and chromic gut. Atraumatic needle sutures will soon be available in SURGILAR Sterile Pack.

STANDARD LENGTHS (Sterilized)				
No.	Type	Length	Sizes	Package
4405	PLAIN Non-boilable	5 ft.	0000-3	3 doz. envs. per jar
4445	MEDIUM CHROMIC Naw-bailable	5 ft.	0000-3	3 doz. envs. per jar

★ WRITE FOR FULLY DESCRIPTIVE BOOKLET

Head Office: THE OLD MEDICAL SCHOOL, PARK STREET, LEEDS 1

Tel. 20085 (5 lines). Cables: "Aseptic, Leeds 1."

London Office: 38 Welbeck Street, London W.I. Tel. WELbeck 8152/3.

Also at Johannesburg and Cape Town.





Treating Bucco-Pharyngeal Infections Without Recourse to Antibiotics

The dangers of using antibiotics for local application in the treatment of infections is constantly being stressed in the medical press. There has been a gradual increase in organisms resistant to antibiotics and alarm has been expressed at the number of cases where patients have become sensitised to an antibiotic during treatment.

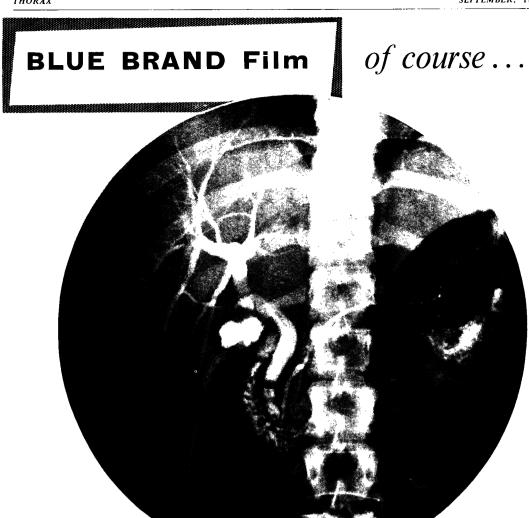
Dequadin, which has a wider antimicrobial spectrum than penicillin, is not an antibiotic and Dequadin Lozenges can be used freely in the treatment of infections of the mouth and throat without any fear of sensitising the patient and without the risk of resistant strains developing.

DEQUADING LOZENGES

In tubes of 20 lozenges each containing 0.25 mg. decamethylene-bis (4-aminoquinaldinium chloride).

C57/27/H

SEPTEMBER, 1957



for really detailed radiographs

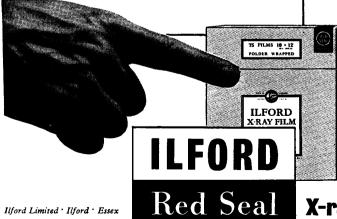
- High Speed
- Excellent Contrast
- Supremely good gradation



'Kodak' is a registered trade-mark



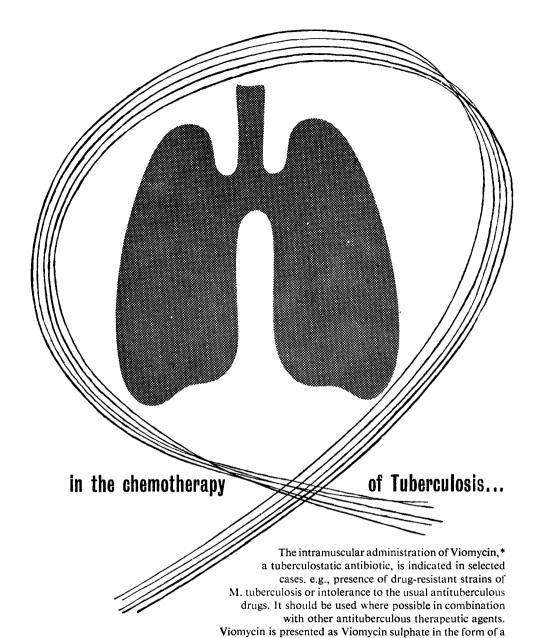
"We prefer this high-speed film for routine radiography too"



Of the many advantages to be gained from the use of Ilford Red Seal X-ray film, none is of greater significance than the very considerable reduction in radiation exposure made possible by the availability of such an extremely high order of sensitivity. As a screen-type film of unrivalled speed, Red Seal is at the same time outstanding in its consistently high quality and all-round performance. Thus, far from being a film to be reserved merely for occasions when purely technical considerations make high speed desirable, it is eminently suitable for routine use, giving radiographs of excellent diagnostic quality while minimizing radiation hazards to subject and operator alike.

X-ray film

THORAX SEPTEMBER, 1957



sterile dry powder to which water is added for injection. Viomyci

A TUBERCULOSTATIC **ANTIBIOTIC**

In rubber-capped vials containing the equivalent of 1 g. of Viomycin base.





A pole-axe, probably Burgundian, of about 1480

add

VIOCIN

to your medical armoury

The antibiotic that complements streptomycin in the treatment of TUBERCULOSIS

Viocin for intramuscular injection is supplied in vials containing the equivalent of I G. of pure vionycin base. (Available for supply direct to hospitals).

Pfizer WORLD'S LARGEST PRODUCER OF ANTIBIOTICS

PFIZER LTD · FOLKESTONE · KENT

A halberd of the early XVIIth century engraved with the Arms of Saxonv

* Trade Mark of Chas. Pfizer & Co., Inc.

PAS

in its most agreeable form

BACTYLAN

ENTERIC COATED

Granules and Dragees

REDUCE INTOLERANCE TO A MINIMUM

TASTELESS

Bactylan enteric coating avoids entirely the unpleasant taste of PAS.

NO GASTRITIS

Enteric coating completely avoids contact of PAS with the gastric mucosa.

EASY TO TAKE

- Granules are specially intended for patients who have difficulty in swallowing.
- Dragees are ideal for patients at work.

GRANULES containing half their weight of PAS.

Tins of 350G.

DRAGEES each containing 0.69G. of PAS. Tins of 250 dragees.



LONDON N.W. 10 LADbroke 6611 Announcing the first volume in the John Alexander Monograph Series . . .

THE SURGICAL MANAGEMENT OF PULMONARY TUBERCULOSIS

Edited by JOHN D. STEELE

This is the first volume in an important new series which has been planned to commemorate the work of the late John Alexander. The contributors are thoracic surgeons who were trained by Alexander, together with two of his close medical associates. Further titles already in preparation are *Postoperative Chest X-Ray Atlas* (edited by Himan T. Langston) and *The Treatment of Bronchial Neoplasms* (edited by Robert R. Shaw).

In this volume John C. Jones writes on pulmonary resection for tuberculosis in the pre-chemotherapy era, including his own experience in the 19.0's; Max Chamberlain on segmental resection; Herbert Sloan and Roger Milnes on the indications, contraindications and results of resection. Problems and methods of the reduction in the size of the pleural cavity with pulmonary resection are discussed in a chapter on combined collapse and resection.

Some of the historical aspects of the surgery of pulmonary tuberculosis have been drawn from John Alexander's books published in 1925 and 1937, and from the uncompleted manuscript of the third book on which he was working at the time of his death.

Other chapters include a discussion of the surgical management of tuberculosis in the mentally ill (a neglected subject), and a comprehensive section (by Winthrop N. Davey and John B. Barnwell) on chemotherapy.

Just Published

248 pages

175 illustrations

72s.

BLACKWELL

SCIENTIFIC

PUBLICATIONS

OXFORD

TRYPTAR

Now Available on E.C.10

INDICATIONS :-

Whenever necrotic tissue is present as in Diabetic and Varicose Ulcers, Sinuses and Fistulas, second degree burns, carbuncles and furuncles, infected compound fractures, soft tissue abscesses, intrapleurally in empyema for liquefying pus.

PRESENTATION

Carton containing I vial 250,000 Armour Units Crystalline Trypsin and I vial Tryptar diluent. Also available for use as an Aerosol, each carton containing I vial 125,000 Armour Units Crystalline Trypsin and I ampoule of Diluent.

Pure Crystalline Trypsin

Samples and literature will be supplied on request



THE ARMOUR LABORATORIES (Armour & Company Ltd.)

Hampden Park, Eastbourne, England

Telephone: Hampden Park 740 Telegrams:
'Armolab' Eastbourne

THORAX SEPTEMBER, 1957

CASSELL MEDICAL BOOKS

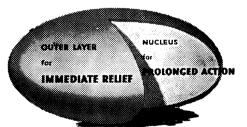
THE ANATOMY OF CONGENITAL PULMONARY STENOSIS

SIR RUSSELL BROCK

With the possibility of surgical relief of pulmonary stenosis it has become obvious that the older anatomical descriptions are inadequate as a basis for surgical attack. In this important monograph the author confirms or modifies older anatomical descriptions and adds his own valuable observations on the living heart.

30/– net

37-38 St. Andrew's Hill, London, E.C.4



A MODERN

'TWO-PHASE' ASTHMA THERAPY
is provided by the double action of

ISO-BRONCHISAN

. . . a treatment of outstanding efficiency and convenience for your asthmatic patients.

FORMULA

• Each tablet contains
Isopropyl-Net-Adrenaline
Isopropyl-Net-Isopropyl-N

ISO-BRONCHISAN offers a fresh approach to the problem of effective asthma control. The tablets, which are pleasant to take, have a coating of easily dissolved Isopropyl-Nor-Adrenaline, a most potent bronchodilator, which, when absorbed by the sublingual route, results in the immediate relief of symptoms. The rest of the tablet, when swallowed, releases Ephedrine and Theophylline in balanced proportions and these, slowly absorbed along the alimentary tract, ensure long-sustained anti-spasmodic action on the bronchial smooth muscle.

SILTEN LIMITED . SILTEN HOUSE . HATFIELD . HERTS . ENGLAND

EMERGENCIES In general Practice

This book comprises 57 specially commissioned articles on medical emergencies which appeared originally in the *British Medical Journal*.

Contents include haemorrhage and thrombosis, cardio-respiratory crises, anaesthesia and hazards of therapy, acute abdominal cases, obstetrics, fits and coma, electrocution, burns and gassing, poisoning, acute psychiatric states, and special and minor surgery.

Invaluable to all doctors everywhere.

470 pages, cloth bound with full index. 25s. net (by post—inland 26s. 6d., overseas 26s.).

CLINICAL PATHOLOGY IN GENERAL PRACTICE

This handbook on clinical pathology meets the needs of the general practitioner, the houseman, and the senior student. It contains thirty-nine articles comprising a series specially written for the *British Medical Journal*. Each article has been revised and brought up-to-date by its author. The book gives authoritative information on available laboratory facilities; reliable tests and which to use; techniques for collecting and preserving specimens; interpretation of results and significance of abnormal findings.

321 pages. Price 21s. (by post—inland 22s. 3d., overseas 21s. 9d.).

REFRESHER COURSE FOR GENERAL PRACTITIONERS

Second Collection

Third Collection—with Classified Contents List to volumes 1, 2 and 3

Each book contains a collection of sixty Refresher Course articles from the *British Medical Journal*. Each article, written by an acknowledged expert, has been revised by its author. The articles cover a wide range. Their object is to refresh the reader's memory of what is old and well-established and to tell him about new developments.

They are invaluable to general practitioners and residents as practical reference books, to specialists as a means of keeping in touch with developments outside their own field, and to final-year students as up-to-date and reliable textbooks.

25s. each (by post—inland 26s.6d., overseas 26s.).

"ANY QUESTIONS?"

Second Series

Third Series—with Cumulative Index

These pocket-size volumes each contain some 200 questions and expert answers from the "Any Questions?" pages of the British Medical Journal. Each answer has been chosen for its practical value to doctors in their day-to-day work. Many deal with subjects not covered in the standard textbooks.

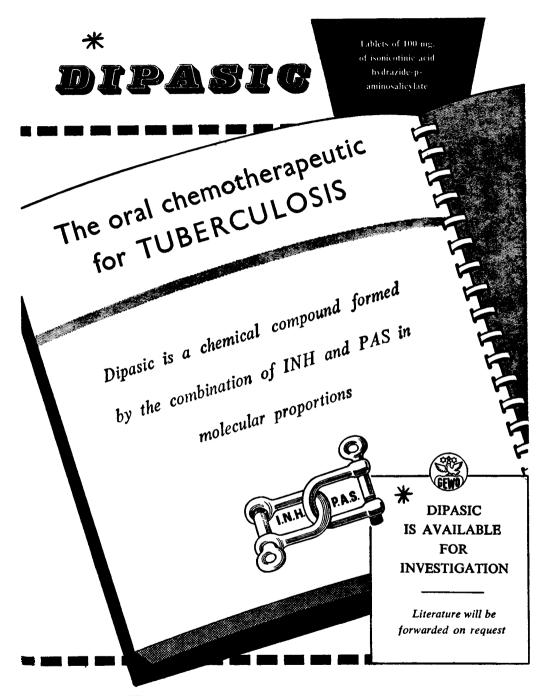
The Third volume has a cumulative index to all the answers appearing in the three books in the series.

7s. 6d. each (by post 8s.).

Obtainable from booksellers or by post from

BRITISH MEDICAL ASSOCIATION

B.M.A. HOUSE, TAVISTOCK SQUARE, LONDON, W.C.1



BENGUE

& COMPANY LTD. Manufacturing Chemists

MOUNT PLEASANT + ALPERTON + WEMBLEY + MIDDLESEX

Bengue & Co. Ltd. make "Dipasic" available in the United Kingdom by arrangement with Ed. Geistlich Sons Ltd., Wolhusen (Switzerland)