

THE
**JOURNAL OF LARYNGOLOGY,
 RHINOLOGY, AND OTOTOLOGY:**

A RECORD OF CURRENT LITERATURE

RELATING TO

THE THROAT, NOSE, AND EAR.

Printed and Published Monthly by

ADLARD & SON, Bartholomew Press, Bartholomew Close, London, E.C.

**SUSPENSION
 LARYNGOSCOPY
 APPARATUS**

AFTER PROFESSOR KILLIAN.

As made for MR. W. G. HOWARTH, F.R.C.S.,
 ST. THOMAS'S HOSPITAL.

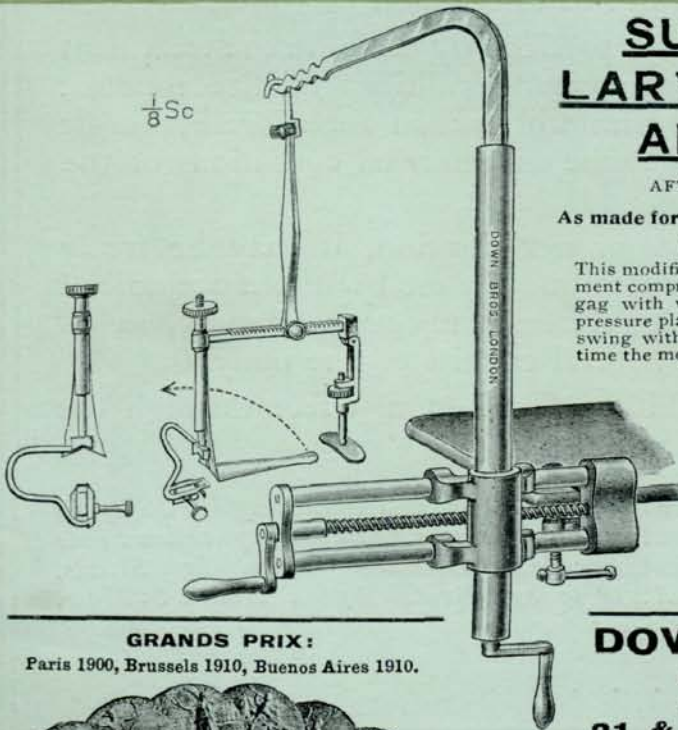
This modification of Professor Killian's Instrument comprises, with other advantages: mouth-gag with wider opening, adjustable counter-pressure plate, extra long spatula, and improved swing with swivel joint, securing at the same time the most perfect access and comprehensive view possible.

PRICES.

Complete, as shown, with upright vertical and horizontal adjustment, clamp for operation table, swing hook, set of spatulae, and electric light, **£20 11s. 9d.**

Without electric light attachment, **£19 7s.**

The swing only, with gag and counter-pressure plate, **£5 15s. 6d.**



GRANDS PRIX:

Paris 1900, Brussels 1910, Buenos Aires 1910.



**GOLD MEDAL
 Allahabad 1910.**

DOWN BROS., Ltd.,

**Surgical Instrument
 :: Manufacturers ::**

**21 & 23, St. Thomas's St.,
 London, S.E.**

Telegrams: "DOWN, LONDON."

(Opposite Guy's Hospital).

Telephone: HOP. 4400 (4 lines).

Prepaid Annual Subscription, £1 (5 dollars) post free.

Single Copies, Two Shillings.

ENTERED AT STATIONERS' HALL

We have experimentally proved that Listerine is a powerful antiseptic, preventing the development of bacteria and decomposition of vegetable infusions.—*British Medical Journal*, May 3, 1890.

LISTERINE is an efficient, non-toxic ANTISEPTIC of known and definite power, prepared in a form convenient for immediate use.

It is a saturated solution of boric acid, reinforced by the antiseptic properties of ozoniferous oils.



It is unirritating, even when applied to the most delicate tissue.

It does not coagulate serous albumen.

It is quite generally accepted as the standard antiseptic preparation for use where a poisonous or corrosive disinfectant can not be safely used.

It is particularly useful in the treatment of abnormal conditions of the mucosa, and admirably suited for a wash, gargle or douche in catarrhal conditions of the nose and throat.

In proper dilution, it may be freely and continuously used without prejudicial effect, either by injection or spray, in all the natural cavities of the body.

There is no possibility of poisonous effect through the absorption of Listerine.

A pamphlet descriptive of the antiseptic, and indicating its utility in medical, surgical and dental practice, may be had upon application to the manufacturers, Lambert Pharmacal Co., Locust and Twenty-first Streets, St. Louis, Missouri, U.S.A., or to their British Agents, Messrs. S. Maw, Son & Sons, 7-12, Aldersgate Street, London, Eng., but the best advertisement of Listerine is

LISTERINE

THE JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.

Founded in 1887 by **MORELL MACKENZIE** and **NORRIS WOLFENDEN**.

PUBLISHED UNDER THE DIRECTION OF THE EDITORIAL COMMITTEE:

A. CHEATLE, F.R.C.S. (Pres. Otol. Sect. Internat. Cong.).	D. R. PATERSON, M.D., M.R.C.P. (Pres. Laryng. Sect. R.S.M.)
DUNDAS GRANT, M.A., M.D., F.R.C.S. (London).	Sir StCLAIR THOMSON, M.D., F.R.C.S. (London).
RICHARD LAKE, F.R.C.S. (Pres. Otol. Sect. R.S.M.).	LOGAN TURNER, M.D. (Edinburgh).
J. MACINTYRE, M.B., C.M. (Glasgow).	P. WATSON-WILLIAMS, M.D. (Bristol).
Sir W. MILLIGAN, M.D., M.Ch. (Manchester).	MACLEOD YEARSLEY, F.R.C.S. (London).

EDITOR:

DAN MCKENZIE, M.D., F.R.C.S.E. (London),

To whom all communications should be addressed.

WITH THE CO-OPERATION OF THE STAFF OF ABSTRACTORS:

DRS. J. STODDART BARR (Glasgow), H. S. BIRKETT (Montreal), BRADY (Sydney, N.S.W.)
JOHN DARLING (Edinburgh), DONELAN (London), CLAYTON FOX (London),
J. S. FRASER (Edinburgh), PERRY GOLDSMITH (Toronto), THOS. GUTHRIE (Liverpool),
A. HUTCHISON (Brighton), J. D. LITHGOW (Edinburgh), A. MCCALL (Bournemouth),
CHICHELE NOURSE (London), W. G. PORTER (Edinburgh), PRICE-BROWN (Toronto),
KNOWLES RENSHAW (Manchester), LINDLEY SEWELL (Manchester),
ALEX. R. TWEEDIE (Nottingham), RAYMOND VEREL (Aberdeen),
C. E. WEST (London), G. HAROLD L. WHALE (London),
WRIGHT (Bristol), and WYLIE (London).

AND THE ASSISTANCE OF

MR. GEORGE BADGEROW (London), DRs. J. BARR (Glasgow), HUGO FREY (Vienna)
A. A. GRAY (Glasgow), GRAZZI (Florence), MIDDLEMASS HUNT (Liverpool),
A. BROWN KELLY (Glasgow), E. LAW (London), MASSEI (Naples),
D. PATERSON (Cardiff), URBAN PRITCHARD (London), F. A. ROSE (London),
A. SANDFORD (Cork), SENDZIAK (Warsaw), H. TILLEY (London),
E. WAGGETT (London), R. WOODS (Dublin).

CONTRIBUTORS TO THIS NUMBER.

PROF. GUSTAV KILLIAN.	DR. J. VAN DER HOEVEN	MR. MACLEOD YEARSLEY.
DR. D. R. PATERSON.	LEONHARD.	DR. J. S. FRASER.
MR. GEORGE WILKINSON.	MR. THOMAS GUTHRIE.	MR. ALEX. R. TWEEDIE.
DR. W. S. SYME.	DR. J. B. HORGAN.	MR. J. D. LITHGOW.

MEDICAL GRADUATES' COLLEGE

AND

POLYCLINIC,

22, Chenies Street, Gower Street, London, W.C.

PRESIDENT:

Sir JAMES CRICHTON-BROWNE, M.D., LL.D., F.R.S.

The teachers include members of the Staffs of the General and Special Hospitals and Medical Schools of the Metropolis and elsewhere.

The Demonstrations on Friday afternoons at 4 p.m. are devoted to Diseases of the Throat, Nose, Ear and Eye.

Annual Subscription, admitting to all Lectures and Demonstrations, One Guinea.

Special Practical Classes are conducted in Otology (Dr. DAN MCKENZIE), Laryngology (Mr. J. GAY FRENCH), and Rhinology (Mr. STUART-LOW), etc.

Pathological Investigations of all kinds are carried out in the Laboratory.

Further Particulars may be obtained from the Medical Superintendent,

MAJOR VINT, M.B., 22, Chenies Street, Gower Street, London, W.C.

CONTENTS.

Special Articles—	PAGE
The Semon Lecture, 1914: Suspension Laryngoscopy and its Practical Use.—Professor GUSTAV KILLIAN (translated by Dr. D. R. PATERSON)	393
A Case of Paralysis of the External Rectus Muscle due to the Presence of an Abscess in the Apex of the Petrous Pyramid. Death from Basal Meningitis. By GEORGE WILKINSON, M.B., F.R.C.S. ...	409
Bi-submucous Resection of the Septum Nasi. By J. VAN DER HOEVEN LEONHARD, M.D. ...	419
Societies' Proceedings—	
ROYAL SOCIETY OF MEDICINE.—LARYNGOLOGICAL SECTION.—Communications by D. R. PATERSON, E. B. WAGGETT, G. H. L. WHALE, GEORGE WILKINSON, H. A. KISCH, J. F. O'MALLEY, P. WATSON-WILLIAMS, C. I. GRAHAM, W. STUART LOW, JAMES DONELAN, C. W. M. HOPE, E. D. DAVIS, W. H. KELSON, W. DOUGLAS HARMER ...	423
PROCEEDINGS OF THE SCOTTISH OTOLOGICAL AND LARYNGOLOGICAL SOCIETY.—Communications by J. WALKER DOWNIE, THOMAS BARR, J. GALBRAITH CONNAL, H. WHITEHOUSE ...	435
Abstracts—	
PHARYNX.—Cough Arising from a Persistent Thyro-glossal Duct.—Diagnosis and Treatment of Diphtheria.—Tonsils and Adenoids in Children: A Plea for fewer Operations ...	442
NOSE.—Nose and Ear in Cases of Congenital Defect of the Sweat Glands (A Contribution to the Ozæna Question).—Atrophic Rhinitis with Ozæna: Its Ætiology and Surgical Treatment ...	443
LARYNX AND TRACHEA.—The Autophonoscope: An Instrument for enabling the Surgeon and the Patient to observe at the same time the movements of the Larynx.—Autostatic Ortholaryngoscopy.—Personal Experiences of the Transverse Incision in Tracheotomy ...	444
EAR.—On the Treatment of Othæmatoma.—A Rapidly Acting Inhalation to Relieve Earache.—Clinical Indications for the Mastoid Operation.—A New Symptom of Cerebellar Abscess.—Fractures of the Base of the Skull with Implication of the Mastoid Process and their Treatment ...	445
ŒSOPHAGUS.—Injuries of the Gullet during Œsophagoscopy.—The Early Symptomatology of Cancer of the Œsophagus ...	446
MISCELLANEOUS.—A New Method of producing General Anæsthesia ...	447
Reviews—	
The Diseases of the Nose, Throat and Ears of Children in Daily Practice. By Prof. Dr. F. GOPPERT ...	448
Notes and Queries ...	448

MIXED INFECTION PHYLACOGEN

(The name "Phylacogen" distinguishes the modified Bacterial Derivatives manufactured by Parke, Davis & Co., according to the process of Dr. A. F. Schafer.)

The therapeutic use of Mixed Infection Phylacogen is based upon the theory of multiple infections.

It is a sterile aqueous solution of derivatives from numerous pathogenic bacteria, *e.g.*, the several staphylococci, streptococcus pyogenes, bacillus pyocyaneus, diplococcus pneumoniae, bacillus diphtheriae, bacillus typhosus, bacillus coli communis, streptococcus rheumaticus and streptococcus erysipelatis.

The subcutaneous administration of Mixed Infection Phylacogen is indicated in the treatment of all infections, whether acute or chronic, mild or severe, in which no specific micro-organism is found to be predominant, notably in abscesses, infected glands, otitis media, tonsillitis, acute and chronic bronchitis, acute and chronic rhinitis, furuncle, septicæmia, etc. In all these conditions this treatment has been reported by competent clinical authorities to have given remarkably favourable results.

Further information will be supplied on request by

PARKE, DAVIS & CO., 50, Beak Street, LONDON, W.
Regent Street,

THE TONSILS AND THE VOICE IN SCIENCE, SURGERY, SPEECH AND SONG.

With Original Contributions from the Highest Medical and Voice Authorities.

By **RICHARD B. FAULKNER, M.D.** (Columbia University).

No treatise on the tonsils is complete unless it includes the questions of the voice. Delicate, difficult, complex, technical questions of the voice arise. This work presents the evidence and furnishes the proof that the faucial tonsil possesses important mechanical, acoustic and phonetic functions. It shows the purpose of the tonsil in the vocal scheme and gives a clear exposition of the science of the vocal art. The only work on the subject published in any language.

Medical Record (New York): "The object of this work is to present known facts, the latest views of the most eminent authorities, and the indications which denote safe lines of treatment. The author strikes a timely note of conservatism."

The Lancet (London): "Readers will feel indebted to Dr. Faulkner for his compilation. The method of treatment of the subject is certainly *sui generis*, but specialists should be none the less grateful for so much information and such a gathering of famous opinions."

Internationales Zentralblatt für Ohrenheilkunde (Leipzig): "These contributions in many instances strike directly to the heart of the question and convince the reader by their logic. But in all cases they give to the book a fascinating charm without detracting from its scientific value. I would desire that a worthy translation into German, French and Italian might greatly increase the number of readers outside of the United States of America."

Archivii Italiani di Laryngologia (Naples): "The book commends itself. It is well thought out and brilliantly expounded."

La Presse Oto-Laryngologique Belge (Brussels): "It furnishes a documentary argument down to its last details, and rests on the opinion of all that the science of the vocal art and laryngology contains of illustrations and practice the most renowned."

Cloth, TWO DOLLARS, net. Four hundred pages. Illustrated.

Sent post paid upon receipt of price. Also through all booksellers.

THE BLANCHARD COMPANY, Lock Box 445, Dept. J.,
Pittsburgh, Pa., U.S.A.
London: Messrs. STEVENS & BROWN, 4, Trafalgar Square, W.C.

HOSPITAL FOR DISEASES OF THE THROAT, GOLDEN SQUARE, LONDON, W.

HONORARY MEDICAL STAFF.

Consulting Surgeons { MR. MARK HOVELL.
DR. LAMBERT LACK.

SURGEONS.		OUT-PATIENTS.		OPERATIONS.	
DR. J. W. BOND	Wednesday,	2.0 P.M.	Friday,	10.15 A.M.
MR. CHARLES PARKER	{ Tuesday,	2.0 P.M.	} Thursday,	2.0 P.M.
		Friday,	2.0 P.M.		
DR. FITZGERALD POWELL	Monday,	2.0 P.M.	Thursday,	10.0 A.M.
MR. FRANK ROSE	Thursday,	2.0 P.M.	Friday,	2.0 P.M.
MR. JEFFERSON FAULDER	{ Tuesday,	6.30 P.M.	} Tuesday,	9.30 A.M.
		Saturday,	2.0 P.M.		
MR. GEORGE BADGEROW	{ Monday,	9.0 A.M.	} Wednesday,	9.0 A.M.
		Friday,	6.30 P.M.		
ASSISTANT SURGEONS.		ATTENDANCES.			
MR. NORMAN PATTERSON	Tuesday, 2.0 P.M.,	Friday,	2.0 P.M.		
MR. CHARLES HOPE	... Tuesday, 6.30 P.M.,	Wednesday,	2.0 P.M.,	Saturday,	2.0 P.M.
MR. LIONEL COLLEDGE	... Wednesday, 2.0 P.M.,	Thursday,	2.0 P.M.,	Friday,	6.30 P.M.
DENTAL SURGEON.					
DR. J. W. PARE	Thursday,	9.30 A.M.			

CLINICAL INSTRUCTION.

A Clinical Demonstration on the Diagnosis and Treatment of Selected Cases (Larynx, Nose, Ear) will be given each Monday at 5 p.m.

A Course in Surgical Anatomy and Physiology will be given each Thursday at 5 p.m. These Courses are free to Students of the Hospital. Others a fee of 2 guineas for each Course.

Practical Instruction in the Diagnosis and Treatment is given **daily** in the Out-patient Department from 2 to 5 p.m., on Tuesdays and Fridays from 6.30 p.m. to 9 p.m., and Mondays at 9.30 a.m.

Major Operations are performed at 10 a.m. on Tuesday, Wednesday, Thursday, Friday, and Saturday, and Fridays at 2 p.m.

Minor Operations daily (Mondays excepted) at 9.30 a.m.

Operative Surgery Classes can be formed at any time on application.

Practice in Direct **Laryngoscopy, Tracheoscopy, Bronchoscopy,** and **Œsophagoscopy** will be given to Students, to enable them to become familiar with the use and manipulation of the instruments.

Practitioners and Medical Students are admitted to the Practice of the Hospital at a fee of five guineas for three months, eight guineas for six months, or ten guineas for a Perpetual Studentship. Each course may commence at any date. Special terms to men in actual practice who can only attend the hospital once or twice a week.

The Hospital contains 60 beds for In-patients. There is also an Out-patient attendance of nearly 50,000 yearly.

Gentlemen may enter to the practice of **The Throat Hospital** at any time, and on certain conditions eligible for appointment as **Clinical Assistants**, whose duty it is to Assist the Member of the Staff to whom they are appointed.

GEORGE W. BADGEROW, F.R.C.S., *Hon. Med. Sec.*