

THE NEW PATENT "PHONOPHORE" STETHOSCOPES.

The New Patent "Phonophore" Stethoscope		
	(Fig. A.)	6/6
Ditto	Chest-piece (Fig. B.)	5/6
Ditto	Single flexible (Fig. C.)	7/6
Ditto	Double flexible (Fig. D.)	10/6
Ditto	Binaural (Fig. E.)	12/6
Ditto	Binaural folding (Fig. F.)	13/6

COPIES OF UNSOLICITED TESTIMONIALS.

DEAR SIRS.—"I find that most certainly the chest sounds are rendered clearer and more distinct by your 'Phonophore' than by any stethoscope I have used during over 30 years' work."—Yours, F.R.C.S.

DEAR SIRS.—"I have found your 'Phonophore' by far the best stethoscope I have ever used."—Faithfully Yours.
Extract from the "British Medical Journal," Oct. 28th, 1911.—"Some years ago Messrs. Arnold & Sons, of Giltspur Street, E.C., brought out a Stethoscope which they named the 'Phonophore'. Its construction secured a considerably increased volume of sound, and the appliance gained favour among those dissatisfied on general grounds with ordinary stethoscopes, or whose needs, owing to some lack of aural acuity, were not adequately met thereby. Of this appliance the same firm has recently brought out a modification in which the bell-like attachment constituting the chest-piece is provided with two sound tubes instead of one. These tubes are continued upwards, the sound thus being conveyed to each ear direct from the collecting chamber. Each ear, therefore, receives the same amount of sound, although the same amount of sound may not be perceived if there is any difference in the hearing power of the two ears. The gross volume of sound is also greater than supplied by the original 'Phonophore'. This modification of the 'Phonophore' is worth examination by anyone interested in stethoscopes."

ARNOLD & SONS, Surgical Instrument Manufacturers, GILTSPUR STREET, LONDON, E.C.

"The Rendezvous"

London's Renowned Restaurant

(a la Carte Service)

Dean Street, Shaftesbury Avenue, W.

The Cooking is Perfect.

The Prices are Moderate.

The Service is Quick but Quiet.

You are in Bohemia; at Home; and in Society.

It is in the heart of Theatreland.

Telephone: CITY 134.

PETER GALLINA.

St. Bartholomew's Hospital



Journal.

"Æquam memento rebus in arduis
Servare mentem."
—Horace, Book ii, Ode iii.

VOL. XXII.—No. 8.]

MAY 1ST, 1915.

[PRICE SIXPENCE.]

CALENDAR.

Mon., May	3.—	Examination for M.B., B.S. (London) begins.
Tues., "	4.—	Dr. Drysdale and Mr. Rawling on duty.
Wed., "	5.—	Primary F.R.C.S. Examination begins. Clinical Lecture (Surgery). Mr. D'Arcy Power.
Fri., "	7.—	Dr. Tooth and Mr. D'Arcy Power on duty. Clinical Lecture (Medicine). Dr. Morley Fletcher.
Tues., "	11.—	Dr. Garrod and Mr. Waring on duty.
Wed., "	12.—	Clinical Lecture (Surgery). Mr. Waring.
Thurs., "	13.—	Final F.R.C.S. Examination begins.
Fri., "	14.—	Dr. Calvert and Mr. McAdam Eccles on duty. Clinical Lecture (Medicine). Dr. Morley Fletcher.
Mon., "	17.—	Examination for Matthews Duncan medal.
Tues., "	18.—	Dr. Morley Fletcher and Mr. Bailey on duty.
Wed., "	19.—	Clinical Lecture (Surgery). Mr. Waring.
Fri., "	21.—	Oxford Easter Term ends. Dr. Drysdale and Mr. Rawling on duty. Clinical Lecture (Medicine). Dr. Garrod.
Sat., "	22.—	Oxford Trinity Term begins.
Sun., "	23.—	Whit Sunday.
Tues., "	25.—	Dr. Tooth and Mr. D'Arcy Power on duty.
Wed., "	26.—	Examination for Brackenbury Medical Scholarship begins. Clinical Lecture (Surgery). Mr. McAdam Eccles.
Thurs., "	27.—	Examination for Brackenbury Surgical Scholarship begins.
Fri., "	28.—	Dr. Garrod and Mr. Waring on duty. Clinical Lecture (Medicine). Dr. Calvert.
Sat., "	29.—	Sir G. Burrows Prize. Skynner Prize.
Tues., June	1.—	Dr. Calvert and Mr. McAdam Eccles on duty.
Wed., "	2.—	Clinical Lecture (Surgery). Mr. McAdam Eccles.
Fri., "	4.—	Dr. Morley Fletcher and Mr. Bailey on duty. Clinical Lecture (Medicine). Dr. Drysdale.

EDITORIAL NOTES.



OUR Special Number of last September dealt chiefly with the War, more especially from the point of view of its medical organization.

In that issue we dwelt upon the fact that service would be required of all in one form or another, but we urged everyone, and more especially medical students, to remember that if we all sprang to attention and marched to the rolling of the drums, there would be no one left to do the daily round, the necessary common task.

This warning has proved itself to be fully justified, for medical students all over the country flocked to the front as combatants, orderlies, stretcher-bearers, anything and everything.

The Government, however, has been alive to the situation thus brought about, and we are glad to say that it has officially urged most of these students to go back to the routine life and get qualified as quickly as possible.

* * *

We do not know precisely how the War has affected the number of students entering the medical profession as a whole; in this Hospital, however, there has not been any very great change. The number of full entries to St. Bartholomew's in October, 1914, was 65, as compared with 53 in October, 1913, and 73 in October, 1912. The drop from 73 to 53 was undoubtedly due to uncertainties regarding the profession arising from the Insurance Act, and had it not been for the War there is no doubt that the entry in October, 1914, would have been considerably higher than 65. Since October the entries of students to the full course have kept much about the same level as in the corresponding period last year.

* * *

The following awards of Scholarships and Prizes have been made recently:—Kirkes Scholarship and Gold Medal, P. H. Wells. Junior Scholarship in Anatomy and

Physiology, 1, H. B. Bullen; 2, A. D. Wall. Senior Scholarship, A. Morford. Junior Practical Anatomy, 1, B. B. Sharp, Prize; 2, A. D. Wall; 3, A. V. Lopes; 4, H. B. Bullen; 5, H. C. Cox, R. J. Perkins, G. P. Staunton, *aeq.* Senior Practical Anatomy, 1, J. E. A. Boucaud, Prize; 2, E. H. Glenny; 3, H. J. Churchill, I. Braun, *aeq.* Harvey Prize, 1, I. Braun, Prize; 2, E. H. Glenny, A. O. Bolton, Certificates. Wix Prize, L. W. Evans.

* * *

there were few who did not—will realise the loss we have sustained, and sympathise sincerely with Mrs. Lewis Jones.

We extend our heartiest congratulations to Dr. Calvert upon his appointment as an Examiner in Medicine for the University of London, and to Mr. R. Mackenzie Wallis, who has been elected to the Medical Exhibition of the Fishmongers' Hall.

* * *

It had been our intention to publish every May a Supple-



"Gordon."

"Anthony."

"Wilmot."

By kind permission of the 'Tattler.'

Walton

Boulton

Bennett

[A. A. B. tells me that at one of the clearing hospitals this is stuck up on the wall with the legend, "Who told the story, and what did he say?"—W. P. H.]

It is with very great regret that we record the death of Dr. Lewis Jones, which took place on Easter Day after several months of failing health.

Although his active work in the Electrical Department ceased nearly three years ago, his interest in his profession continued to the last. During his long connection with both Hospital and School his strong personality endeared him to all with whom he was associated, and his work during the twenty-one years he devoted to medical electricity caused him to be recognised as the father of that subject. All St. Bartholomew's men who knew him—and

ment containing the names of past students of the Hospital holding hospital and teaching appointments elsewhere. Owing to the War, however, no good purpose would be served by publishing such a list, and we are supplying instead a Supplement containing the names of those who are connected with St. Bartholomew's and serving in any branch of His Majesty's Forces.

This has been a very difficult list to obtain in its entirety, and we must beg readers to excuse such omissions and errors as will unavoidably be present. Corrections will be published from time to time.

St. Bartholomew's and the War.

The following list of those connected with the Hospital and Medical School who are serving in the Navy, Army, and Territorial Force in the present crisis will, it is felt, be welcomed both by all old St. Bartholomew's men and by present students. Great care has been taken to make it as accurate and complete as possible, but the Editor will be glad to hear of any errors or omissions.

Roll of Honour.

Mentioned in Despatches from Field-Marshal Sir John French.

Surg.-Gen. F. H. TREHERNE, A.M.S.
Col. (temporary) Sir A. A. BOWLEY, C.M.G.
Col. F. W. C. JONES, R.A.M.C.
Col. S. WESTCOTT, R.A.M.C.
Lt.-Col. F. W. HARDY, R.A.M.C.
Lt. Col. W. H. STARR, R.A.M.C.
Maj. M. H. G. FELL, R.A.M.C. (and time).
Maj. R. L. V. FOSTER, R.A.M.C.
Maj. F. G. RICHARDS, R.A.M.C.
Maj. H. S. THURSTON, R.A.M.C.
Capt. F. B. LATHURBY, R.A.M.C.
Capt. P. A. LLOYD-JONES, R.A.M.C.
Capt. A. A. MEADEN, R.A.M.C.
Capt. H. T. WILSON, R.A.M.C.
Lt. (temporary) R. BREWITT-TAYLOR, R.A.M.C.
Lt. (temporary) P. W. JAMES, R.A.M.C.
Lt. (now Capt.) R. B. PRICE, R.A.M.C.
Lt. (temporary) J. S. WILLIAMSON, R.A.M.C.
Miss A. B. SMITH, R.R.C., Matron of No. 7 Stationary Hospital, Boulogne.

Killed.

Maj. P. ATAL, I.M.S.
Maj. F. G. RICHARDS, R.A.M.C.
Capt. T. S. LURIS.
Capt. R. D. O'CONNOR, R.A.M.C.
Lt. A. K. ARMSTRONG, R.A.M.C.

Lost on H.M.S. "Good Hope."

Surg. F. C. SEARLE, R.N.

Wounded.

Capt. E. B. ALLENUTT, R.A.M.C.
Capt. H. S. DORSON, R.A.M.C.
Capt. F. G. L. BARNES.
Lt. (temporary) C. W. B. LITTLEJOHN, R.A.M.C.
Lt. H. J. MCCURRICH.
Lt. (temporary) J. G. PRIESTLEY, R.A.M.C.
Lt. (now Capt.) G. P. SELBY, R.A.M.C.
Lt. (now Capt.) L. R. SHORE, R.A.M.C.

Reported Wounded and Prisoners of War.

Capt. A. A. MEADEN, R.A.M.C.
Lt. J. C. W. MACREYAN.

Promotions and Decorations for Field-Marshal Sir John French.

Col. Sir ANTHONY BOWLEY, C.M.G., has been promoted to K.C.M.G.
Col. F. W. C. JONES has received the Order of C.B.
Maj. M. H. G. FELL has been promoted to Rf Lt.-Col.
The Volunteer Officer Decoration has been conferred on the Hon. Surg.-Gen. Sir C. Pardy Lukis, K.C.S.I., K.H.S.
Lt. (temporary) J. G. PRIESTLEY, R.A.M.C., has been awarded the Military Cross.

PRISONERS OF WAR.

Capt. A. SCOTT WILLIAMS, R.A.M.C.
Lt. (now Capt.) S. M. HATTERSLEY, R.A.M.C.
Lt. (now Capt.) J. G. HEPPEL, R.A.M.C.
Lt. (temporary) W. S. DANKS, R.A.M.C. (since returned).

INTERNED IN HOLLAND.

Flight Lt. B. CROSSLEY-MEATES.
Surg. B. A. PLAYNE, R.N.

ROYAL NAVAL MEDICAL SERVICE.

Fleet-Surg. H. G. ARATHOON, M.R.C.S., L.R.C.P.
Surg. D. G. ARTHUR, M.R.C.S., L.R.C.P.
Staff-Surg. K. D. BELL, M.R.C.S., L.R.C.P.
Fleet-Surg. J. BOVAN, M.R.C.S., L.R.C.P.
Surg. E. MOXON-BROWNE, M.R.C.S., L.R.C.P.
Fleet-Surg. H. CLIFT, M.R.C.S., L.R.C.P.
Fleet-Surg. E. J. DALTON, M.R.C.S., L.R.C.P.
Staff-Surg. W. P. DEER, M.R.C.S., L.R.C.P.
Surg. G. F. D. ELLIS, M.R.C.S., L.R.C.P.
Fleet-Surg. F. FOLLIOT, M.R.C.S., L.R.C.P.
Surg. J. HADWEN, M.B., B.S. Lond., M.R.C.S., L.R.C.P.
Staff-Surg. N. HARRIS, M.R.C.S., L.R.C.P.
Staff-Surg. H. B. HILL, M.B., B.S. Lond., M.R.C.P., M.R.C.S.
Fleet-Surg. W. K. HOPKINS, M.R.C.S., L.R.C.P.
Staff-Surg. H. KELLOND-KNIGHT, M.R.C.S., L.R.C.P.

Staff-Surg. G. M. LEVICK, M.R.C.S., L.R.C.P.
Staff-Surg. L. MORRIS, M.R.C.S., L.R.C.P.
Fleet-Surg. R. C. MUNDAY, M.R.C.S., L.R.C.P.
Fleet-Surg. F. H. NIMMO, M.R.C.S., L.R.C.P.
Staff-Surg. J. O'HEA, M.R.C.S., L.R.C.P.
Fleet-Surg. J. H. PEAD, M.B., B.C. Cantab., M.R.C.S., L.R.C.P.
Fleet-Surg. W. H. POPE, M.R.C.S., L.R.C.P.
Staff-Surg. P. M. RIVAZ, M.B., B.S. Durham.
Fleet-Surg. S. ROACH, M.R.C.S., L.R.C.P.
Surg. W. E. ROBERTS, M.R.C.S., L.R.C.P.
Surg. G. B. SCOTT, M.R.C.S., L.R.C.P.
Fleet-Surg. H. W. B. SHEWELL, M.B., B.C. Cantab.
Fleet-Surg. A. R. H. SKEV, M.B., B.S. Lond., M.R.C.S., L.R.C.P.
Staff-Surg. W. C. B. SMITH, M.R.C.S., L.R.C.P.

Fleet-Surg. H. SPICER, M.B. Durh., M.R.C.S., L.R.C.P.
Fleet-Surg. C. STRICKLAND, L.R.C.S., L.R.C.P.
Surg. R. M. THURSFIELD, M.B., D.C. Cantab., M.R.C.S., L.R.C.P.
Surg. P. B. WALLIS, M.R.C.S., L.R.C.P.
Staff-Surg. E. S. WILKINSON, M.B., B.S. Durh.
Surg. C. WILLES, M.R.C.S., L.R.C.P.
Fleet-Surg. A. WOOLCOMBE, M.R.C.S., L.R.C.P.
Surg. F. C. WRIGHT, M.R.C.S., L.R.C.P.

TEMPORARY SURGEONS.

ADAMS, J. WROTH, M.B., B.S. Lond., M.R.C.S., L.R.C.P.
ARCHER, C. W., M.B., B.C. Cantab., F.R.C.S.
BANGAY, J. D., M.R.C.S., L.R.C.P.
BREWITT, B. J., M.R.C.S., L.R.C.P.
BROCKMAN, R. ST. L., M.R.C.S., L.R.C.P.

ROYAL ARMY MEDICAL CORPS—continued.

- South Wales.*
Lt. H. M. PENTREATH, M.R.C.S., L.R.C.P.
Lt. W. F. LLOYD, M.B., B.C.Cantab.,
M.R.C.S., L.R.C.P.
- Second S. Western.*
Capt. R. WATERHOUSE, M.D.Lond., M.R.C.P.
Lt. J. GRANT JOHNSTONE, M.R.C.S., L.R.C.P.
- 6. FIELD AMBULANCES.*
- First East Anglian.*
Lt. R. ELLIS, M.B., B.C.Cantab., M.R.C.S.,
L.R.C.P.
Lt. G. C. GRAY, M.R.C.S., L.R.C.P.
Lt. A. CYRIL WILSON, M.R.C.S., L.R.C.P.
- Second East Anglian.*
Capt. A. C. YOUNG, M.R.C.S., L.R.C.P.
- Third East Anglian.*
Lt.-Col. J. OLDFIELD, M.R.C.S., L.R.C.P.
Lt. M. A. CHOLMELEY, M.R.C.S., L.R.C.P.
- Third Highland.*
Maj. G. W. MILLER, M.R.C.S., L.R.C.P.
- First East Lancashire.*
Capt. J. M. POSTLETHWAITE, M.B., B.C.
Cantab., M.R.C.S., L.R.C.P.
Lt. H. E. FOX, M.B., Ch.B.Vict. Manch.,
M.R.C.S., L.R.C.P.
- First West Lancashire.*
Hon. Col. T. R. GLYNN, M.D.Lond., F.R.C.P.
Maj. J. E. W. McFALL, M.D., D.P.H.,
Liverpool.
- First London (City of London).*
Lt. E. DONALDSON, M.R.C.S., L.R.C.P.
- Fourth London (County of London).*
Lt. J. M. PLEWS, M.B., B.S.Lond.
- Fifth London (County of London).*
Capt. J. E. SANDILANDS, M.D., D.P.H.
Cantab., M.R.C.S., L.R.C.P.
- Sixth London (County of London).*
Lt. F. COLEMAN, L.D.S., R.C.P.S., M.R.C.S.,
L.R.C.P.
Lt. W. R. SADLER, L.M.S.S.A.
Lt. C. R. WOODRUFF, L.D.S., R.C.P.S.,
M.R.C.S., L.R.C.P.
Lt. J. F. W. WYER, M.R.C.S., L.R.C.P.
- First North Midland.*
Maj. T. A. BARRON, M.R.C.S., L.R.C.P.
Lt. A. HEATH, M.D.Lond., F.R.C.S.
- Second North Midland.*
Maj. R. M. WEST, M.D.Durh., M.R.C.S.,
L.R.C.P.
- Third North Midland.*
Lt.-Col. H. H. C. DENT, M.B.Durh., F.R.C.S.
Maj. C. A. STIDSON, M.D., B.S.Lond.,
M.R.C.S., L.R.C.P.
Capt. J. MILLER, M.R.C.S., L.R.C.P.
Lt. C. C. GRUMMITT, M.R.C.S., L.R.C.P.
Lt. C. S. LEE, M.R.C.S., L.R.C.P.
- First Northumbrian.*
Maj. J. M. GOVER, M.B., B.S.Durh., M.R.C.S.,
L.R.C.P.
Lt. H. A. PRAVFAIR-ROBERTSON, M.B.Durh.
- Third Northumbrian.*
Capt. A. P. PERL, M.B., B.S.Lond.
Lt. G. H. WATSON, L.M.S.S.A.
- Third West Riding.*
Lt. W. T. D. MART, M.R.C.S., L.R.C.P.
- First Welsh.*
Lt. T. W. DAVID, M.R.C.S., L.R.C.P.
Lt. H. MILLS, M.R.C.S., L.R.C.P.
Lt. G. W. PARRY, M.R.C.S., L.R.C.P.
Lt. W. N. SODEN, M.D.Lond., M.R.C.S.,
L.R.C.P.
- Second Welsh.*
Maj. H. T. SAMUEL, M.R.C.S., L.R.C.P.
Lt. J. P. H. DAVIES, M.B., B.C.Cantab.,
D.P.H., R.C.P.S.
Lt. T. P. EDWARDS, M.D.Lond.
- Third Welsh.*
Lt. H. E. QUICK, M.B., B.S.Lond., F.R.C.S.
Lt. W. J. RICHARDS, F.R.C.S.
- First Wexsex.*
Lt.-Col. R. PICKARD, M.D., M.S.Lond.,
F.R.C.S., D.P.H.Cantab. (Commanding
Officer).
Lt. J. A. BELL, M.B., B.S.Durh., M.R.C.S.,
L.R.C.P.
Lt. F. A. ROPER, M.D., D.C.Cantab.,
M.R.C.S., L.R.C.P.
- Second Wexsex.*
Maj. H. COMPTON PARSONS, M.R.C.S.,
L.R.C.P.
Capt. C. K. CROWTHER, M.B., B.C.Cantab.
Capt. L. L. HANHAM, M.R.C.S., L.R.C.P.
- Third Wexsex.*
Lt. A. H. DAVIS, M.B.Lond., M.R.C.S.,
L.R.C.P.
- Fourth Cavalry.*
Lt. H. D. G. RUSSELL, B.C.Cantab., M.R.C.S.,
L.R.C.P.
- No 55, Finsbury.*
Lt. E. S. CUTHBERT, M.R.C.S., L.R.C.P.
- Sixth.*
Lt. W. B. PARSONS, M.R.C.S., L.R.C.P.
- GENERAL HOSPITALS.**
- FIRST EASTERN.**
Lt.-Col. L. HUMPHRY, M.D.Cantab., F.R.C.P.
Maj. F. E. A. WEBB, M.R.C.S. (Registrar).
Maj. E. L. JONES, M.D.Cantab.
Capt. E. J. Y. BRASH, M.R.C.S., L.R.C.P.
Capt. S. W. CURL, M.D.Cantab., M.R.C.P.
Capt. J. F. GASKELL, M.D., B.C., D.P.H.
Cantab., F.R.C.P.
Capt. J. GUTCH, M.D.Cantab., M.R.C.S.,
L.R.C.P.
Capt. G. S. HAYNES, M.D.Cantab., M.R.C.S.,
L.R.C.P.
Capt. W. MALDEN, M.D.Cantab., M.R.C.P.
- SECOND EASTERN.**
Lt.-Col. R. F. JOWERS, F.R.C.S.
Lt.-Col. F. J. PALEY, M.D.Lond., M.R.C.S.,
L.R.C.P.
Maj. A. H. BUCK, F.R.C.S. Edin.
Maj. C. F. BAILEY, M.D.Lond., M.R.C.P.,
D.P.H., R.C.P.S.
Lt. C. C. MESSITER, M.R.C.S., L.R.C.P.,
L.M.S.S.A.
- THIRD LONDON (CITY OF LONDON).**
St. Gabriel's College, Cambridge.
Lt.-Col. H. H. TOOTH, C.M.B.G., M.D.,
F.R.C.P.
Lt.-Col. D'ARCY POWER, M.B., F.R.C.S.
Lt.-Col. A. E. GARROD, M.D., F.R.C.P.,
F.R.S.
Lt.-Col. H. J. WAKING, M.S., M.B., F.R.C.S.
Maj. J. CALVERT, M.D., F.R.C.P.
Maj. H. MORLEY FLETCHER, M.D., F.R.C.P.
Maj. J. H. DYSDALE, M.D., F.R.C.P.*
Maj. W. McADAM ECCLES, M.S., M.B.,
F.R.C.S.
Maj. R. C. BAILEY, M.S., M.B., F.R.C.S.
Maj. L. B. RAWLING, M.B., B.C., F.R.C.S.
Maj. G. E. GASK, F.R.C.S.
Maj. HORTON-SMITH HARTLEY, C.V.O.,
M.D., F.R.C.P.
Capt. T. J. HORDER, M.D., F.R.C.P.*
Capt. F. W. ANDREWES, M.D., F.R.C.P.,
F.R.S.
Capt. W. LANGDON BROWN, M.D., F.R.C.P.
Capt. H. H. THURFIELD, M.D., F.R.C.P.
Capt. H. W. WILSON, M.B., M.S., F.R.C.S.
Capt. W. GIRLING BALL, F.R.C.S.
Capt. R. GILL, M.B., B.S., F.R.C.S.
Capt. H. E. G. BOYLE, M.R.C.S., L.R.C.P.
Capt. W. D. HARMER, M.C., F.R.C.S.*
Capt. R. C. ELSLIE, M.B., M.S., F.R.C.S.*
Capt. H. WILLIAMSON, M.B., F.R.C.P.*
Capt. J. F. TREWBY, M.R.C.S., L.R.C.P.
Capt. F. A. ROSE, M.B., F.R.C.S.
Capt. C. M. HINDS HOWELL, M.D., F.R.C.P.
Capt. P. HAMILL, M.D., D.Sc., M.R.C.P.*
Capt. C. E. WEST, M.B., F.R.C.S.
Lt. M. K. W. BIRD, M.R.C.S., L.R.C.P.
Lt. L. G. CROSSMANN, M.B., B.S.Lond.,
M.R.C.S., L.R.C.P.
Lt. A. B. PAVEY SMITH, M.B., B.C., M.R.C.S.,
L.R.C.P.
Lt. W. FARRER THOMPSON, M.R.C.S.,
L.R.C.P.
- * Available to be called up.
- Orderlies, but now relieved from duty.*
C. W. BOWER.
J. HAYNES.
H. A. HOOKE.
S. C. W. IREDALE.
R. R. POWELL.
A. L. PRIDHAM.
J. P. ROSS.
L. F. STRUGNELL.
B. WHITEHEAD.
- SECOND LONDON (CITY OF LONDON).**
St. Mark's College, Chelsea, S.W.
Lt.-Col. Sir FREDERICK S. EVE, F.R.C.S.
Lt.-Col. C. W. MANSELL MOULLIN, M.D.,
Oxon., F.R.C.S.

ROYAL ARMY MEDICAL CORPS—continued.

- THIRD LONDON (COUNTY OF LONDON).**
*Royal Victoria Patriotic School,
Wandsworth, S.W.*
Maj. F. R. MILLER, M.D.BRUX., M.R.C.S.,
L.R.C.P.
Maj. W. E. WINTER, M.D.Lond., F.R.C.P.,
F.R.C.S.
Capt. T. G. A. BURNS, M.R.C.S., L.R.C.P.
- FOURTH LONDON (COUNTY OF LONDON).**
King's College Hospital, Denmark Hill, S.E.
Maj. W. G. SPENCER, M.B., M.S.Lond.,
F.R.C.S.
Capt. W. E. EMERY, M.D., B.Sc.Lond.
Lt. J. EVERIDGE, F.R.C.S.
- FIRST NORTHERN.**
Lt.-Col. W. G. RICHARDSON, M.B., B.S.Durh.,
F.R.C.S.
Maj. F. C. PYDUS, M.S.Durh., F.R.C.S.
Capt. H. J. SLADE, M.B., B.S., D.P.H.Durh.
- THIRD NORTHERN.**
Maj. A. J. HALL, M.D.Cantab., F.R.C.P.
Maj. A. E. NAISH, M.B., B.C.Cantab.,
M.R.C.P.*
Maj. G. H. POOLEY, F.R.C.S., F.R.C.S. Edin.
Capt. F. A. HEPWORTH, M.B., B.C.Cantab.,
F.R.C.S.
- FOURTH NORTHERN.**
Lt.-Col. W. H. B. BROOK, M.D.Lond.,
F.R.C.S. (Administrator).
Lt.-Col. C. BROOK, M.R.C.S., L.S.A.
Lt.-Col. C. HARRISON, M.D.StAnd., D.P.H.
Cantab.
Lt.-Col. G. H. GRIMOLDBY, M.R.C.S.Eng.,
L.R.C.P. Edin.
Maj. E. M. SYMPSON, M.D.Cantab., M.R.C.S.,
L.R.C.P.
Maj. D. J. G. WATKINS, M.B., B.C.Cantab.,
M.R.C.S., L.R.C.P.
Capt. G. J. R. LOWE, M.R.C.S., L.R.C.P.
Capt. E. S. WINTER, M.R.C.S., L.R.C.P.
Capt. F. E. WITHERS, M.R.C.S., L.R.C.P.
Capt. B. H. C. LEA WILSON, M.R.C.S.,
L.R.C.P.
- FIFTH NORTHERN.**
Lt. Col. L. K. HARRISON, M.D., D.C.Cantab.,
M.R.C.S., L.R.C.P. (officer in command).
Maj. R. SEVESTRE, M.D.Cantab., M.R.C.S.,
L.R.C.P.
Maj. J. S. SLOANE, M.B., B.S.Lond., F.R.C.S.
Capt. T. C. CLARE, M.D.Lond., F.R.C.S.
Capt. W. I. CUMBERIDGE, M.B.Cantab.,
F.R.C.S.
- FIRST SCOTTISH.**
Capt. G. H. COLT, M.B., B.C.Cantab.,
F.R.C.S.
- FIRST SOUTHERN.**
Lt. Col. GILBERT BARLING, M.D., B.S.Lond.,
F.R.C.S.
Maj. G. HEATON, M.B., B.Ch.Oxon., F.R.C.S.
Capt. A. LUCAS, F.R.C.S.
Capt. F. D. MARSH, M.R.C.S., L.R.C.P.
Lt. E. C. BRADFORD, M.R.C.S., L.R.C.P.*
Lt. A. P. PHILLIPS, M.R.C.S., L.R.C.P.
- SECOND SOUTHERN.**
Maj. G. PARKER, M.D.Cantab., M.R.C.S.,
L.R.C.P.
Maj. C. A. MORTON, F.R.C.S.
Capt. H. F. MOLE, F.R.C.S.
Capt. E. W. H. GROVES, M.D., M.S.Lond.,
F.R.C.S.
Capt. J. A. NIXON, M.B., B.C.Cantab.,
F.R.C.P.
Capt. E. H. E. STACK, M.B., B.C.Cantab.,
F.R.C.S.
Capt. H. E. HARRIS, M.B.Cantab., F.R.C.S.
- THIRD SOUTHERN.**
Lt.-Col. W. T. FREEMAN, M.D.Durh.,
F.R.C.S.
Lt.-Col. G. S. A. RANKING, M.D.Cantab.,
M.R.C.S., L.R.C.P.
*Capt. F. FIELDING CLARKE, M.R.C.S.,
L.R.C.P.
Capt. C. A. COVENTON, M.R.C.S., L.R.C.P.
Capt. G. H. R. HOLDEN, M.D.Cantab.,
M.R.C.S., L.R.C.P.
Capt. G. F. MURRELL, M.B.Lond., M.R.C.S.,
L.R.C.P.
Capt. R. H. L. SANKEY, M.B., B.Ch. Oxon.,
M.R.C.S., L.R.C.P.
Lt. F. G. GARDNER, M.R.C.S., L.S.A.
*Lt. C. S. PALMER, M.R.C.S., L.R.C.P.
* (Available on mobilization.)
- FOURTH SOUTHERN.**
Lt.-Col. E. L. FOX, M.D.Cantab., M.R.C.P.
Maj. A. C. ROPER, F.R.C.S. Edin.
Maj. W. L. WOOLLCOMBE, F.R.C.S. Edin.
Capt. G. F. ALDOUS, F.R.C.S. Edin.
Capt. W. L. PETHYBRIDGE, M.D.Lond.,
M.R.C.S., L.R.C.P.
Capt. H. G. PINKER, M.R.C.S., L.R.C.P.
Capt. F. G. SMITH, M.R.C.S., L.R.C.P.
- FIFTH SOUTHERN.**
Maj. C. A. S. RIDOUR, M.B., M.S.Lond.,
F.R.C.S.
Maj. R. A. DOVE, M.B., C.M. Edin., D.P.H.,
R.C.P.S.
Capt. H. BURROWS, M.B., B.S.Lond., F.R.C.S.
Capt. C. LAMPLOUGH, M.D.BRUX., M.R.C.S.,
L.R.C.P.
Capt. J. I. WRIGHT, L.R.C.P. Ed., M.R.C.S.
Eng.
Capt. M. D. WOOD, M.D.Durh.
- FIRST WESTERN.**
Capt. R. A. RICKERSTETH, M.B., B.C.Cantab.,
F.R.C.S.
Capt. G. E. LOVEDAY, M.B., B.C.Cantab.,
M.R.C.S., L.R.C.P.
- THIRD WESTERN.**
Capt. C. A. GRIFFITHS, F.R.C.S.
Capt. H. A. SCHÖLBERG, M.B.Lond., D.P.H.
Cantab., M.R.C.S., L.R.C.P.
Lt. I. J. DAVIES, M.D.Lond., M.R.C.P.
LIVERPOOL MOVABLE BASE HOSPITAL.
Maj. T. C. LITLER JONES, F.R.C.S.
- SANITARY SERVICE.**
(a) SANITARY COMPANIES.
First London (City of London).
Lt. J. H. BALDWIN, M.B., B.C., D.P.H.
Cantab.
- Second London (City of London).*
Capt. J. M. HAMILL, M.D., B.C.Cantab.,
D.Sc.Lond., D.P.H., R.C.P.S.
Lt. W. K. PARBURY, M.R.C.S., L.R.C.P.,
D.P.H.Cantab.
Lt. J. H. WOOD, M.B., B.S.Durh., D.P.H.,
R.C.P.S.
(b) SANITARY OFFICERS.
Lt.-Col. W. COLLINGRIDGE, M.D., D.P.H.
Cantab.
Lt.-Col. W. R. SMITH, M.D., C.M.Aberd.,
D.P.H.Cantab., M.D.Geneva, etc.
Maj. W. H. SYMONS, M.D.BRUX., D.P.H.
Oxon. & Durh.
Capt. D. T. BELDING, M.R.C.S., L.R.C.P.
Capt. R. A. DUNN, M.D., D.Hy., D.P.H.
Durh.
Capt. T. E. FRANCIS, M.D.Lond., D.P.H.,
R.C.P.S.
Capt. J. T. GRAHAM, M.D., C.M.Glas.,
M.R.C.S.
Capt. H. L. P. HULBERT, M.D., B.C., D.P.H.
Cantab.
Capt. I. ROBINSON, D.P.H.Cantab.,
M.R.C.S., L.R.C.P.
Capt. A. E. THOMAS, M.B., B.Ch.Oxon.,
D.P.H., R.C.P.S.
Capt. A. G. K. FOULERTON, D.P.H.Cantab.,
F.R.C.S.
Lt. A. J. CLARK, M.D., D.P.H.Cantab.,
M.R.C.P.
Lt. E. C. WILLIAMS, M.D.Lond., D.P.H.
Cantab., F.R.C.S. Ed.
- CASUALTY CLEARING STATIONS.**
- HOME COUNTIES.**
Lt.-Col. J. S. WARRACH, M.D., C.M.Aberd.,
D.P.H.Cantab.
- WEST LANCASHIRE.**
Capt. G. C. E. SIMPSON, M.B., B.C.Cantab.,
F.R.C.S.
- FIRST LONDON.**
Lt. C. A. ROBINSON, M.B., B.C.Cantab.,
M.R.C.S., L.R.C.P.
- NORTH MIDLAND.**
Lt.-Col. W. P. PEAKE, M.R.C.S., L.R.C.P.
Lt. H. C. BEVAN, M.R.C.S., L.R.C.P.
- SOUTH MIDLAND.**
Capt. J. L. JOYCE, M.B., B.C.Cantab.,
F.R.C.S.
Capt. A. W. NUTHALL, M.B., M.Ch.Birm.,
F.R.C.S.
- WEST RIDING.**
Lt. J. W. MALIM, M.B., B.C.Cantab.
- WELSH.**
Maj. A. BIRD, M.R.C.S., L.S.A.
- MILITARY HOSPITALS.**
MILITARY HOSPITAL, NETLEY.
Lt. F. T. D. CLINDENING, M.R.C.S., L.R.C.P.
MILITARY HOSPITAL, BEDFORD.
Lt. A. W. C. LINDSAY, L.R.C.P.

INDIAN MEDICAL SERVICE.

The Hon. Surg.-Gen. Sir PARDY LURIS, K.C.S.I., K.H.S., M.D.Lond., F.R.C.S., Director General.
 Brevet-Col. Sir B. G. SETON, Bart., V.H.S., L.R.C.P., M.R.C.S., Kitchener's Indian Hospital, Brighton.
 Col. G. W. P. DENNIS, M.R.C.S., L.R.C.P.
 Col. C. J. BAMBER, M.V.O., D.P.H.Cantab., M.R.C.S., L.R.C.P.
 Col. H. HENDLEY, M.D.Durh., D.P.H.Cantab.
 Col. H. E. BANATVALA, M.D.Brux., M.R.C.S., L.R.C.P.
 Col. P. C. H. STRICKLAND, L.R.C.P., M.R.C.S.
 Lt.-Col. J. T. L. JONES, M.B.Durh., D.P.H.
 Lt.-Col. G. G. GIFFARD, C.S.I., M.R.C.P., M.R.C.S.
 Lt.-Col. F. P. MAYNARD, M.B.Durh., F.R.C.S., D.P.H.Cantab.
 Lt.-Col. W. B. LANE, M.R.C.S., L.R.C.P.
 Lt.-Col. F. O. KINEALEY, M.R.C.S., L.R.C.P.
 Lt.-Col. R. BIRD, M.V.O., C.I.E., M.D., M.S.Lond., F.R.C.S., D.P.H.Cantab.
 Lt.-Col. R. H. ELLIOT, M.D.Lond., D.Sc. Edin., D.P.H.Cantab., F.R.C.S.
 Lt.-Col. R. K. MITTER, D.T.M.Lond., L.R.C.S., L.R.C.P.
 Lt.-Col. E. V. HUGO, M.D.Lond., F.R.C.S.
 Lt.-Col. F. E. SWINTON, M.R.C.S., L.R.C.P.
 Lt.-Col. C. E. WILLIAMS, M.B., B.C.Cantab., F.R.C.S.
 Lt.-Col. C. R. STEVENS, M.D.Lond., F.R.C.S.
 Lt.-Col. E. A. R. NEWMAN, M.D., B.C.Cantab., M.R.C.S., L.R.C.P.
 Lt.-Col. T. H. FOULKES, F.R.C.S., M.R.C.P.
 Lt.-Col. C. H. BOWLE-EVANS, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Lt.-Col. W. SELBY, D.S.O., V.H.S., F.R.C.S.
 Lt.-Col. V. B. BENNETT, M.B., B.S.Lond., F.R.C.S.
 Lt.-Col. (temp.) R. A. LLOYD, M.D.Lond., No. 12 Indian General Hospital, Brockenhurst.
 Lt.-Col. A. F. STEVENS, M.R.C.S., L.R.C.P.
 Lt.-Col. R. F. STANDAEE, M.R.C.P., M.R.C.S.
 Maj. A. W. R. COCHRANE, M.B.Lond., F.R.C.S.
 Maj. H. J. WALTON, M.D.Lond., F.R.C.S., D.T.M. & H.Cantab.
 Maj. F. A. SMITH, M.D., B.S.Lond., D.P.H.Cantab.
 Maj. W. G. RICHARDS, M.R.C.S., L.R.C.P., No. "Z" Indian General Hospital.
 Maj. J. M. WOOLLEY, M.B.Cantab., M.R.C.S., L.R.C.P.
 Maj. J. H. HUGO, D.S.O., M.B., B.S.Lond., D.P.H.
 Maj. G. O. F. SEALY, D.S.O., M.R.C.S., L.R.C.P.

Maj. R. F. BAIRD, M.R.C.S., L.R.C.P.
 Maj. S. HUNT, M.B.Lond., M.R.C.S., L.R.C.P.
 Maj. H. BOULTON, M.B., B.C.Cantab., D.P.H., R.C.P.S.
 Maj. H. M. CRIDDAS, M.R.C.S., L.R.C.P.
 Maj. D. H. F. COWIN, M.R.C.S., L.R.C.P.
 Maj. G. BROWSE, M.D., B.C.Cantab., M.R.C.S., L.R.C.P.
 Maj. E. A. C. MATTHEWS, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Maj. F. V. O. BEIT, M.D.Lond., M.R.C.S., L.R.C.P.
 Maj. W. H. CAZALY, M.B., B.S., D.P.H.Lond., M.R.C.S., L.R.C.P.
 Maj. W. G. HAMILTON, F.R.C.S.E., D.P.H.Cantab., L.R.C.P.
 Maj. W. C. LONG, M.R.C.S., L.R.C.P.
 Maj. W. H. LEONARD, F.R.C.S., L.R.C.P.
 Maj. H. W. ILLIUS, F.R.C.S.Ed., L.R.C.P., Hospital Ship "Gascon," Indian Expeditionary Force.
 Maj. J. K. S. FLEMING, M.R.C.S., L.R.C.P.
 Maj. E. C. HEPPER, D.T.M.Lond., M.R.C.S., L.R.C.P.
 Maj. A. E. J. LISTER, M.B., B.S.Lond., F.R.C.S.
 Maj. J. W. MCCOY, M.R.C.S., L.R.C.P.
 Maj. L. B. SCOTT, M.D., B.C.Cantab., D.P.H.Oxon.
 Maj. J. W. ILLIUS, F.R.C.S.Ed., L.R.C.P.
 Maj. F. P. MACRAE, M.B., Ch.B.Bristol, F.R.C.S., M.R.C.P.
 Maj. A. T. PRIDHAM, M.B.Lond., M.R.C.S., L.R.C.P.
 Maj. F. P. CONNOR, F.R.C.S., D.T.M., R.C.P.S.
 Maj. W. W. JEUDWINE, M.D., B.C.Cantab.
 Maj. H. M. H. MELHUISE, D.P.H., R.C.P.S., M.R.C.S., L.R.C.P.
 Maj. F. N. WHITE, M.D.Lond., M.R.C.S., L.R.C.P.
 Capt. J. McA. MACMILLAN, M.B., Ch.B.Ed., F.R.C.S.Eng.
 Capt. E. C. HODGSON, M.R.C.S., L.R.C.P.
 Capt. H. E. STANGER-LEATHES, M.R.C.S., L.R.C.P., D.T.M. & H.Cantab., No. 57 Indian Stationary Hospital, Indian Expeditionary Force.
 Capt. A. F. HAMILTON, M.B.Lond., F.R.C.S.
 Capt. A. D. WHITE, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. N. M. WILSON, M.R.C.S., L.R.C.P.
 Capt. W. H. HAMILTON, F.R.C.S.
 Capt. H. FALK, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Capt. W. S. NEALOR, M.R.C.S., L.R.C.P.
 Capt. C. H. CROSS, M.R.C.S., L.R.C.P.
 Capt. R. H. BOTT, M.B., B.S.Lond., F.R.C.S.

Capt. K. S. SINGH, M.R.C.S., L.R.C.P.
 Capt. H. B. SCOTT, M.R.C.S., L.R.C.P.
 Capt. R. B. S. SEWELL, M.R.C.S., L.R.C.P.
 Capt. C. H. FIELDING, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. R. N. CHOPRA, M.D.Cantab.
 Capt. M. D. WADIA, M.R.C.S., L.R.C.P.
 Capt. A. J. SYMES, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. A. M. JUKES, M.D., B.S.Lond., D.P.H.Cantab.
 Capt. H. H. KING, M.B., B.S.Lond.
 Capt. S. SARRAR, L.R.C.P., L.R.C.S.Edin.
 Capt. A. McD. DICK, M.B., Ch.B.Edin., F.R.C.S.
 Capt. T. J. C. EVANS, M.D.Brux., F.R.C.S.
 Capt. M. J. J. HOLGATE, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. T. L. BOMFORD, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. G. R. LYNN, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. J. McD. ECKSTEIN, M.R.C.S., L.R.C.P.
 Capt. G. T. BURKE, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. J. A. A. KERNAHAN, M.R.C.S., L.R.C.P.
 Capt. C. NEWTON-DAVIS, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Capt. R. C. CLIFFORD, M.R.C.S., L.R.C.P.
 Capt. L. H. KHAN, M.R.C.S., L.R.C.P.
 Capt. C. J. STOCKER, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Lt. F. J. ANDERSON, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Lt. J. C. JOHN, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Lt. E. CALVERT, M.B., B.C.Cantab., M.R.C.S., L.R.C.P.
 Lt. A. C. L. O'S. BILDERBECK, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Lt. P. C. ROY, M.D.Calcutta, M.R.C.P., F.R.C.S.
 Lt. W. C. SPACKMAN, M.B., B.S.Lond., M.R.C.S., L.R.C.P.
 Lt. J. W. PIGEON, B.C.Cantab., M.R.C.S., L.R.C.P.

RETIRED OFFICERS TEMPORARILY EMPLOYED.

Lt.-Col. J. G. HULBERT, M.B., B.C.Cantab., M.R.C.S., L.R.C.P., Pavilion Branch, Indian Base Hospital, Brighton.
 Major E. S. PECK, M.B., M.C., D.P.H.Cantab., York Place Branch, Indian Base Hospital, Brighton.

TEMPORARY LIEUTENANT.

BERRYMAN, R. C. P., M.R.C.S., L.R.C.P.

PRESENT AND FORMER NURSES OF ST. BARTHOLOMEW'S HOSPITAL SERVING IN CONNECTION WITH THE WAR.

TERRITORIAL RESERVE.

MATRONS, SISTERS AND STAFF NURSES SERVING WITH 1ST LONDON (CITY OF LONDON) GENERAL HOSPITAL.

Principal Matron.

Miss COX DAVIES.

Matrons.

Miss M. ACTON.
 Miss M. RUNDLE (in reserve).

Sisters.

Miss M. APPLEYARD.
 Miss F. M. BARKER.
 Miss K. BARLING.
 Miss W. BECKHAM.
 Miss M. BOMPAS.
 Miss E. BRAILSFORD.
 Miss P. DALE.
 Miss M. DRURY.
 Miss E. GIBERT.
 Miss G. HALE.

Miss E. MACFARLANE.
 Miss E. MACONACHE.
 Mrs. MAINWARING (née FRICKER).
 Miss E. MILLER.
 Miss A. NEWSHAM.
 Miss M. NUTT.
 Miss F. OLDFIELD.
 Miss E. PRESTON.
 Miss D. SHEPHERD.
 Miss H. M. SMITH.
 Miss G. THOMPSON.
 Miss A. WHITE.

PRESENT AND FORMER NURSES OF ST. BARTHOLOMEW'S HOSPITAL SERVING IN CONNECTION WITH THE WAR—continued.

Staff Nurses.

Miss A. ADAMS.
 Miss L. E. ALEXANDER.
 Miss C. E. ALLDRIDGE.
 Miss L. ANDRADE.
 Miss M. G. ANGLUS.
 Miss A. RANNISTER.
 Miss M. C. BARKER.
 Miss V. BARUGH.
 Miss J. COMYNS-BERKELEY.
 Miss I. BOSWELL.
 Miss L. BOURNER.
 Miss M. E. BURDETT.
 Mrs. M. CARTER.
 Miss H. COLE.
 Miss P. L. COMYN.
 Miss D. HUTTON.
 Miss Z. JONES.
 Miss L. NORTHWOOD.
 Miss I. SYMONDS.
 Miss A. DICKINSON.
 Mrs. A. E. DICKSON.
 Miss N. DUFFETT.
 Miss L. DUTTON.
 Miss C. FAULDER.
 Miss W. FORVAUQUE.
 Miss E. R. GARDNER.
 Miss M. H. GILSON.
 Miss A. A. GOAD.
 Miss J. C. GOUDIE.
 Mrs. W. F. HADFIELD.
 Miss F. HARRISON.
 Miss E. B. HAWLEY.
 Mrs. M. HENDERSON.
 Miss G. HIND.
 Miss E. HINDLE.
 Miss M. HITCH.
 Miss A. HOLMES.
 Miss M. C. HORDER.
 Miss N. HUNTER.
 Miss E. LITTLEJOHN.
 Miss I. MACKINTOSH.
 Miss M. MOGER.
 Miss E. NORTHWOOD.
 Miss G. PARLOW.
 Miss M. PEARCE.
 Miss L. PERKIN.
 Mrs. E. M. PETERS.
 Miss M. K. PHILLIPS.
 Miss A. PRATT.
 Miss D. PRIESTLEY.
 Miss M. REYNOLDS.
 Miss S. IRVINE-ROBERTSON.
 Miss D. ROBINSON.
 Miss E. SNELL.
 Miss D. STORRS.
 Miss C. TUBBIDGE.
 Miss S. TUBBETT.
 Miss D. WATERLOW.
 Miss H. WATT.
 Miss C. WHETTAM.
 Miss G. WHITAKER.
 Mrs. D. WHITEFOORD.
 Miss N. WIGG.
 Miss F. WILLOUGHBY.
 Miss E. WRIGHT.

TRANSFERRED TO THE ARMY NURSING RESERVE FOR FOREIGN SERVICE FROM 1ST LONDON GENERAL HOSPITAL

Sisters.

Miss M. COCKSHOTT.
 Miss T. HAYES.
 Miss K. LOWE.

Staff Nurses.

Miss M. ATKINS.
 Miss C. ELWELL.
 Miss D. FOSTER.
 Miss A. HILL.
 Miss D. HUTTON.
 Miss Z. JONES.
 Miss L. NORTHWOOD.
 Miss I. SYMONDS.

QUEEN ALEXANDRA'S ROYAL NAVAL NURSING SERVICE RESERVE.

Miss JEAN LEES.
 Miss LEWIN.
 Miss MINET.
 Miss F. NICHOLSON.
 Miss SPOONER.
 Miss STRONGE.
 Miss E. G. THOMPSON.
 Miss A. TURNER.

QUEEN ALEXANDRA'S IMPERIAL MILITARY NURSING SERVICE RESERVE.

Serving at various home stations:

Miss CROWY.
 Miss GASCOIGNE.
 Miss L. HILL.
 Miss G. KING.
 Miss MACCORMAC.

Serving abroad:

Miss APPLETON.
 Miss BINNANS.
 Miss BOND.
 Miss BRAILSFORD.
 Miss BRAREFIELD.
 Miss M. CAMPBELL.
 Miss N. CONSTABLE.
 Miss CUMBERBATCH.
 Miss A. M. DAVIS.
 Miss M. M. DAVIS.
 Miss DAWSON.
 Miss DEY.
 Miss DUNCUM.
 Miss E. EVANS.
 Miss M. A. FLETCHER.
 Miss HANSARD.
 Miss S. JARVIS.
 Miss A. M. JONES.
 Miss M. A. JONES.
 Miss C. E. JONES.
 Miss LARDNER.

Miss LATHAM.
 Miss LLOYD EDWARDS.
 Miss LONSDALE.
 Miss MARSH.
 Miss E. M. MARTIN.
 Miss MILES.
 Miss NOEL.
 Miss O'CONNOR.
 Miss M. PATERSON.
 Miss PEMBERTON (Sister Lucas).
 Miss STEPHENSON JELLIE.
 Miss STOKES.
 Miss TAYLOR.
 Miss M. THOMPSON.
 Miss THURLOW PRIOR.
 Miss TICE.
 Miss TILNEY.
 Miss E. WARD.
 Miss WATERMAN.
 Miss D. C. WELLS.
 Miss WITHERS.

TERRITORIAL FORCE NURSING SERVICE.

Miss M. RIDDELL, Matron, 2nd London General Hospital.
 Miss E. HOLDEN, Matron, 3rd London General Hospital.
 Miss E. M. MUSSON, Principal Matron, 1st Southern General Hospital.
 Miss C. M. WEATHERLEY, Sister, 4th General Hospital.
 Miss I. G. BOUSTED } 9th General
 Miss E. M. JEFFERSON } Hospital.
 Miss L. M. C. COLE }
 Miss DOZE } American Hospital, Com-
 Miss GARDINER } piègne.
 Miss TUNBRIDGE, Matron's Assistant, Hôpital de l'Alliance, Yvetôt.

Duchess of Westminster Hospital, Le Touquet, France.

Sisters and Nurses: Miss C. O. CAVE (Matron in charge of Convalescent Hospital, Highgate), Mrs. FAIRCHILD (late Sister Casualty), Miss G. VINCENT, Miss A. M. BAILEY, Miss K. A. HALLETT.

St. John Ambulance.

Miss FARLEY, returned from Brussels and gone to Boulogne.
 Miss CUTLER, returned from Brussels.
 Miss WILKINSON, returned from Brussels.

Miss GOWAN.

VOLUNTARY AID DETACHMENTS.

Sussex (92).

Lady Superintendent: Mrs. WALKER.

EMPLOYEES OF ST. BARTHOLOMEW'S HOSPITAL AND MEDICAL SCHOOL SERVING IN CONNECTION WITH THE WAR.

C. M. POWER, Clerk's Office.
G. FRENCH, late Registrar's Clerk.
S. PAYNE, Messenger.
W. EVANS, Box Carrier.
H. WARE, Sterilising Room.
T. CHAMBERS.
V. BODEN.
A. MASON.
E. BAITES.

W. SAVAGE.
S. HORNE.
J. O'HALLORAN.
H. LEWIS.
A. GORDON.
J. H. RILEY.
H. BELTON.
F. WALSH.
W. MACKAY.

B. PHILLIPS.
B. OLIVER.
A. PARSLAW.
T. SEAGER, Kitchen Lift Attendant.
EDWARD GRIFFITHS, Pathological Lab.
ALFRED CRAMP, Pathological Lab.
S. F. SPURGEON, Pathological Laboratory.
A. CRAWLEY, Medical School Attendant.
D. KEATING, Chemical Laboratory.

Owing to the absence of many of our readers at the Front and on other special service regular subscribers have fallen off somewhat during the War. Moreover, the dislocation of certain trades has had a similar effect upon our advertisements. We have made, and are making, every effort to keep the Journal going as usual, and we appeal to the *esprit de corps* of all old students to help us as much as possible by becoming subscribers during the War. Two or three hundred extra subscribers at the present moment would be of great value. A separate slip for this purpose will be found enclosed.

His Majesty the King has been graciously pleased to confer the Military Cross on Lieut. J. G. Priestley, R.A.M.C., "for gallantry and devotion to duty at Neuve Chapelle on March 13th, 1915, when he continued attending on the wounded with great gallantry, although himself badly wounded."

The Concerts for wounded soldiers during the last two months have been of a very high order.

On February 4th Mrs. Dransby Yule brought friends.

On February 11th Mr. R. J. C. Pulling provided an excellent entertainment, including many well known Music Hall artists.

On February 18th Miss Lloyd, who greatly helped us during the Christmas entertainments, brought a large party of her girl friends.

On March 4th Miss Helen Mott brought a party for the second time. Their efforts were greatly appreciated.

On March 18th the Students of the Hospital, under the leadership of Mr. Norman Smith, provided an entertainment which surpassed all the efforts of past troupes, especially in their rendering of the Toy Symphony. Mr. Whitehead's display of deception, with cards, glasses and handkerchiefs, deserves special mention.

On March 25th Mr. Le Breton's party included Miss Fortescue and Mr. William Farren, who recited a dialogue from "The School for Scandal."

On the intervening Thursdays the arrangements fell through; the men, however, rose to the occasion, and volunteers from among their number provided a Concert both amusing and instructive.

A new entertainment for wounded soldiers has arisen in the form of Sunday afternoon drives. These have been organised by the National Motor Volunteers. From ten to thirty cars have been provided, the men being taken out to golf clubs or private houses of the members. A large party from St. Bartholomew's was recently entertained by the Enfield Golf Club, and a reproduction of a photograph then taken appears on page 120.

In this issue we reproduce, by kind permission of the

Tatler, a photograph taken in France of three of our staff, viz. Col. Sir Wilmot Herringham, Consulting Physician with H.M. Expeditionary Force; Col. Sir Anthony Bowby, K.C.M.G., Consulting Surgeon with H.M. Expeditionary Force; and Major C. Gordon Watson.

We are glad to see that the Treasurer and Almoners of the Hospital have adopted some new "Regulations as to Reports upon Patients and acceptance of fees for the same."

That doctors in hospitals should regard the condition of their patients as confidential has not always been recognised. Solicitors, policemen, and others, have come and applied for information, and have been given it and allowed to inspect the records of cases without the previous permission of the patient. Under our new regulations the written consent of the patient or his authorized representative must be obtained. This is certainly as it should be. Moreover, it is pointed out in the new regulations that the service of a subpoena only requires the medical officer to give evidence in Court, and does not authorise the giving of information to the person serving the subpoena—a ruse too often employed.

Finally, the Treasurer and Almoners have no objection to Members of the Junior Staff asking and receiving payment for written reports when such reports include the expression of a professional opinion on a case involving the furtherance of pecuniary interests. The fee, however, must not exceed one guinea.

Our readers will be glad to hear that Dr. E. E. Maples, who was on board the "Falaba" when she was torpedoed, is none the worse for his adventure, and was able to sail again a fortnight ago.

QUEEN ALEXANDRA RELIEF FUND FOR WAR NURSES.

At the Committee Meeting recently held a Sub-Committee was appointed, consisting of all the Matrons on the General Committee, to receive and deal with applications for assistance. Forms for the purpose can be obtained from the Hon. Sec., C. Douglas Pennant, Esq., 15, Buckingham Street, Strand, London, W.C.

MEDICAL NOTES FROM THE FRONT.

By Colonel SIR WILMOT HERRINGHAM, M.D., F.R.C.P.,
R.A.M.C. (T.F.).



At the present time the chief diseases of importance among the troops abroad are typhoid fever and cerebro-spinal fever. There has been a great deal of influenza, as I hear there has been in London also,

and about a month ago there was much bronchitis. But these have become less frequent in the last fortnight.

In spite of the fact that we are now occupying a tract in which typhoid is very rife, our immunity from it still continues. The incidence on the whole force that we have had here since the war began is just about 0.1 per cent. I met the other day a medical officer of high position in the French army. He was astonished at our typhoid figures, and could not in any way explain them to himself. But he was surprised also at the cleanliness of our soldiers, and at the thoroughness of our sanitary arrangements. My belief is that the great perfection of our field sanitation would not have been obtained without the intelligent co-operation of the combatant officers. For many years now the War Office have insisted on the importance of military hygiene, and have regularly instructed regimental officers therein by lectures given by the R.A.M.C. We learnt our lesson in the Boer War, where we had 58,000 cases of typhoid, and commanding officers realise thoroughly the importance of sanitation, and give the medical officers the heartiest support. The knowledge has filtered down to the rank and file, and the result is the healthiest army that has ever made war. Inoculation and cleanliness are the two great preventives, and they have been extraordinarily successful.

Cerebro-spinal fever began about January 2nd, and still goes on. The number of cases is so few that it is, from a military point of view, unimportant, but it is a very complicated and interesting disease. It seems to be thought by some that it goes through three stages, a catarrh in the fauces or posterior nares, the entrance of the diplococcus into the blood producing a septicæmia with symptoms like those of influenza, and the final meningitis. This may be true of some cases, it is certainly not true of all. One of our patients had been ten days in hospital from a sore foot due to an ill-fitting boot. During that time he had been otherwise perfectly well. He had had no sore throat, no fever, and no pains. He was about to be sent down, but was kept back that morning because he had fever. Symptoms of meningitis, including turbidity of the cerebro-spinal fluid, appeared in twenty-four hours, and he died in a few days. It is not contagious in the ordinary sense. For instance, I learn that the Canadian division have never had two cases out of the same hut, and Dr. Guy Stephen tells me that among 500 cases in Cyprus he did not have two out of the same house. There are very few instances of our having more than one case out of the same battalion in this country. Yet it is very widespread. In the beginning of the epidemic cases appeared from the most distant points almost at the same time. It is carried, no doubt, in the fauces, and the number of those who harbour the germ there is probably great. But the bacteriological diagnosis is, I am told, very uncertain, and the estimates of faecal carriers vary accordingly. Some have put it at 3, and others at over 30 per cent. of an infected population.

How many of these get a septicæmia is also doubtful. We have lately been testing many cases of so-called influenza. But we have not yet found the diplococcus in the blood. The meningeal cases are few. We have had about 100 in all. If, then, the infection is, on the one hand, widespread, it must, on the other, be easily resisted.

But the disease, when it does seize a patient, makes a great impression on those who witness it. It is a most distressing thing to see. The men evidently suffer very much, and the course is so irregular that prognosis is almost impossible. You can feel sure that some will die, but the most hopeful case will, for no perceptible reason, take a bad turn. Neither pulse nor temperature give any indication, and the mental state varies from day to day. Some cases reach a stationary condition, and remain in it for as long as a fortnight, after which they may recover or die. We think we have done better with vaccination than with any other treatment, but the numbers are not yet sufficient to enable us to speak with any certainty. We have not so far noticed any persistent sequelæ. Children are often left, after the sporadic form of the disease, with paralysis or lesions of the special senses. Deaf-mutism is, for instance, not uncommon in them. We have had cases of hydrocephalus among the patients who died here, and in one case we suspected it and did a "decompression" operation. That man recovered. None of the other patients who have recovered have shown any permanent nervous symptoms.

Since I wrote the above three more points have been brought under my notice.

I find that though anti-typhoid inoculation is compulsory in the French army and voluntary with us, yet there are so many causes allowed for withholding inoculation among the French that their army is a good deal less fully protected than ours. This is probably a considerable factor in the different incidence of typhoid in the two armies. This, however, can only be proved when their statistics are published.

Lately we have had several cases which show all the symptoms of cerebro-spinal meningitis, and give on puncture a cerebro-spinal fluid under high, sometimes very high, pressure. But the fluid is clear, contains no diplococci, and, if any excess of cells, lymphocytes instead of polymorphonuclears. This condition is known in France, and was described by M. Widal about two years ago.* They know it as an accompaniment of true cerebro-spinal meningitis.

Thirdly, there have been in the last few weeks several cases of dropsy and albuminuria. Some of these are certainly acute accesses in cases of contracting kidney (chronic mixed nephritis). I have examined one such. But others appear to be of a different nature. And in any case it is difficult to understand why now that the weather is both drier and warmer these cases should appear.

* If anyone can find the paper and will send me an abstract of it I shall be very grateful.

NOTES ON NEUVE CHAPELLE.

By Colonel SIR ANTHONY BOWLBY, K.C.M.G., F.R.C.S.,
R.A.M.C. (T.F.).

THE Neuve Chapelle fight opened with great suddenness at 7.30 a.m. on March 10th, with a terrific bombardment. The Officer in charge had been asked to destroy a certain tower six miles distant because it was used as an observation post by the Germans, and at 7.30 precisely the first shot of a big gun resulted in a sudden jump up of the said tower followed by a cloud of smoke and debris, and when this had cleared away, the tower and the surrounding houses had disappeared! So much for the splendid accuracy of our fire. A German officer captured at Neuve Chapelle told us how, on March 10th, one big shell had burst in the midst of a mass of German troops coming up to reinforce their line, and he said that it had killed or wounded four or five hundred men and prevented the battalion from ever coming into battle. There is also no doubt that the presence of heavy artillery both encourages our men and discourages the enemy.

The Germans in their trenches on March 10th were for the most part absolutely demoralised and surrendered without a struggle as the infantry followed up the bombardment. Many of the prisoners were deaf, while others could barely speak, and all the fight was knocked out of them for the time being. We had a good many of their wounded to treat, and a Prussian officer, when put into the ward, at once demanded the blankets of two of his own men who were also wounded, and they gave them up at once, though they needed them quite as much as he did.

Apart from the Indian Division the fighting was mainly done by the 7th and 8th Divisions, and their six field ambulances and the two clearing stations certainly had a very busy time. The field ambulances and clearing stations were not far from the fighting line, and I spent my time during the fight with one or other of them. When we got too full we either evacuated by train or else we sent by road back ten miles; and of course only the more lightly wounded were sent so far. As a matter of fact, the proportion of severely wounded was not so high as has often been the case.

It is interesting to compare the proportion of killed to wounded in trench fighting and an attack. I found that in three months of trench fighting one of our divisions lost one killed to every two and a half wounded, whilst in the Neuve Chapelle attack a division lost one killed to four wounded. This shows that the proportion of killed is much higher in the trench fighting. As would be expected this is evidently due to the proximity of the combatants and to the fact that the head, neck, and thorax are especially exposed in the trenches. The result is that head wounds are excessively common, and I suppose that since January we have had

about 500 men shot through the skull who have not been killed outright. Many of those whose brains were not too badly damaged have recovered.

It must also be noted that those writers who have assessed the German wounded as six or seven times the number of their dead are reckoning on a wrong basis, and that the deductions they have drawn are also probably erroneous.

The Indian troops fought very well indeed. One Gurkha entered a house at Neuve Chapelle from which firing had been going on and returned with five captured Germans to his own trench. Many of the Indians had German helmets as trophies.

St. Bartholomew's was very well represented at the Neuve Chapelle fight, for our men were on the staffs of both the clearing stations, and the Surgeon-General of the Indian Division and his chief Staff Officer were both our men. The Colonel of our Field Ambulance was another representative, and my own two ward sisters, Pitcairn and Stanley, worked day and night.

It will be seen by Sir John French's Dispatch that we had a very successful fight, though not so successful as appeared probable at one time. All the same, it has done a great deal to encourage the troops, and they are all most anxious to try conclusions on a larger scale while the splendid weather lasts, whilst the enthusiasm of newly arrived battalions has further helped to make everyone optimistic.

We are sure that there will be fighting on a very grand scale, and we have no doubts as to the result, but we also know that there will be a very long list of killed and wounded, and that the demands on our medical staff will be very great. I believe that those demands will be as fully met as have the smaller demands of Neuve Chapelle, and I think that people in England may rest assured that every possible precaution has been taken to ensure that our wounded soldiers are well cared for from the moment they are hit until their arrival in England.

THE NAVAL ACTION OFF HELIGOLAND.

By Fleet-Surgeon WALTER K. HOPKINS, R.N.
(H.M.S. "Fearless").

Reprinted from the *Journal of the Royal Naval Medical Service*, January, 1915.

HAVING visited Shotley Sick Quarters after the sinking of the German mine-layer "Königin Luise" and of our cruiser "Amphion," and having seen the wounded and cases of burns lying there, I was convinced that the most important action on the part of a surgeon on board ship in charge of such wounded, was a vigorous prosecution of a war of antisepsis as early as

possible. Suppuration had been very marked in many of the earlier cases, and one could not help feeling that this condition might in future cases be considerably reduced by early vigorous cleansing and antiseptic treatment.

Having regard to the number of severe burns, I thought it well to prepare a number of face masks and strips of picric acid lint dressing, ready for immediate use.

On August 27th we were hoping to meet the enemy early on the following morning.

On August 28th, at 3.45 a.m., "Action" was sounded off. Two cruisers (supposed enemy's ships) having been suddenly observed, had caused us to take up "stations" somewhat earlier than had been anticipated. It was quickly discovered, however, that the cruisers were our own. Shortly after, therefore, breakfast was piped to each watch in turn, and at about 7 a.m. the enemy's ships were actually sighted. From this time on to close upon 2 p.m., successive actions were fought between various opposing forces of the two fleets.

The day was fine and calm, while the sun gleamed through a very hazy atmosphere, in which patches of fog shortened up the visual distance from time to time.

I remained on the upper deck during the earlier part of the affair, and found it a most interesting and inspiring sight to watch our destroyers and the "Arethusa" and her divisions dashing at full speed after the enemy, while soon the frequent spurts of flame from their sides, the following reports, and the columns of water and spray thrown up by the enemy's shells pitching short or over, began to create in most of us a suppressed excitement which we had not hitherto experienced, telling us that the "real thing" had begun, that an action was actually in progress.

Shortly our interest was to multiply fourfold, when the order to fire our own guns was given. After a time, shells beginning to drop ominously near, I retired to my station, a selected spot just below water-line in the after bread room, one of the few available places in a ship of this class where some of my party of first-aid men could be accommodated; the other half of the party in charge of the sick-berth steward being situated at a similar station forward. This period one found trying. For knowledge as to how matters were progressing we had to rely upon fragments of information shouted down the nearest hatchway from someone in communication with those on the upper deck.

The rat-tat-tat! rat, tat, tat, tat! on our side from time to time, as we got into the thick of it, told us plainly of shells pitching short and bursting, whose fragments struck but did not penetrate the ship's skin; it was a weird sound, occasionally varied by a tremendous "woomp," which once, at least, made the Paymaster, who was reclining near me on a flour sack, and myself, look hard at the side close by us, where we fully expected, for the moment, to see water coming in. As a matter of fact this shell entered some 40 ft. away, bursting on entry into the

Lieutenant-Commander's cabin, while its solid nose finally fetched up in the wardrobe, where later on it was christened "our honorary member." For this trophy I believe we have the "Mainz" or "Köln" to thank. The wardroom steward found a similar piece of shell in his hammock that night. It had penetrated the ship's side and a bulkhead, before finally choosing its highly suitable place of rest.

The "Fearless" appears to have borne a somewhat charmed life—a large number of shells pitched just short and just over her—she was hit fair and square by seven, one of which played a lot of havoc with the middle deck, forward, and the mess gear there. Her sides showed some twenty-three holes of varying sizes, and yet her list of casualties was only eight wounded, none dangerously. She also had two narrow escapes from being torpedoed, one torpedo passing just forward from an unknown source, and another aft from a submarine.

During comparative lulls I went on to the upper deck once or twice, to visit the forward station and to see that all was correct. For suppressed excitement and vivid interest, I should say the seeker after sensation could scarcely ask for more than a modern naval action.

(To be continued.)

THE ARRIVAL OF AN AMBULANCE TRAIN.

THE telephone rang at 9 p.m., and the message came through—"Ambulance train arrives at _____ 10.27 to-night; 49, 'up'; 67, 'cot' cases; 8 officers; 1 Belgian officer; 1 nurse." 10.20 finds a large crowd of the general public near the exit from the main arrival platform at the station, and soon after, a major and a lieutenant from the 1st London General Hospital, together with a captain representing the War Office in general, and another captain present on behalf of the Transport Service in particular, pass through the barrier on to the platform. Here there are drawn up some forty Red Cross men, particularly smart and alert, and some twenty V.A.D. nurses, well-known for their ability in assisting in the transport of the wounded. Here, there, and everywhere, superintending and directing, and always doing the right thing at the right time is a lady, who will long be remembered as having done splendid service in this detrainning work. Her husband, always ready, prompt, and cheerful, superintends the incoming and outgoing of the motor ambulances themselves. These ambulances, consisting partly of private cars (some of them of the most luxurious type) and of specially constructed vehicles for stretcher cases, form a splendidly efficient fleet, and among them should be mentioned the Special City Police Motor Ambulance—a model in itself.

The drivers of these cars, who are not infrequently the owners themselves, are fully but unostentatiously doing their bit in their country's service, and doing it well.

Far down on the platform is an improvised buffet presided over by ladies, who, with great sacrifice at the late hour, serve out hot refreshment to those needing it.

The above, together with a sprinkling of courteous and responsible railway officials, form the officials awaiting the arrival of the train.

At 10.31, Ambulance Train No. —, quietly steamed in, drawn up without the slightest jerk, exactly in the right position, a credit to the driver and his fireman. This beautifully appointed train is known to some of those present as the one in which the party went to Folkestone on the memorable night when more than one thousand Belgian wounded were dealt with at that port after the fall of Antwerp (*vide St. Bartholomew's Hospital Journal*, November, 1914).

It is interesting to consider what a large number of journeys this train has made since that time, seeing that there is hardly a day in which its services have not been required.

The genial medical officer in charge of the train, now promoted to be a Lieut.-Col., appears on the platform, confirms the numbers received by telephone some two hours previously, and reports that none of the officers are badly wounded, but that some of the men will require special care.

Promptly and simultaneously the Red Cross men proceed, some to aid the officers to the special cars awaiting them, carrying their kit, and bearing three who need transport on stretchers, and some to assist the wounded men who are "sitting up" to the private cars drawn up opposite the portion of the train that contained them.

Each driver of a motor is given a card stating the number of men in his vehicle and instructions as to whether he is to proceed to St. Bartholomew's or to the 1st London General Hospital. Within fifteen minutes all these cases are dealt with. Then comes the more difficult, and more skilled, work of entering the "cot" railway carriages, lifting the men on to the stretchers, and carrying or wheeling them to the specially constructed ambulance motors. Then comes an exhibition of the proficiency with which the stretchers are handled so as to place the wounded men within the ambulance with the least possible jerk.

When the load is complete—in some cases two, and in others four patients—a V.A.D. nurse boards the car, is given any special instructions needed concerning the men in her charge, and the driver proceeds either to the 1st London General Hospital, or to St. Bartholomew's according to the number of empty beds which has been returned.

As each vehicle leaves the station yard, the public outside the barriers welcome the men in their cheery way. No sentiment, but just that expression of gratitude and appreciation for the services these men have rendered to their country which always rises spontaneously and heartily from a British crowd.

Shortly before midnight all is finished, the officers salute one another, and are glad that once again nothing has happened to mar the smooth manner in which the detrainning of yet another convey has been accomplished.

What of the men who have arrived back sick and wounded? Patient though suffering, hardly a murmur, never a groan; glad to be on English soil again although *hors de combat* for the time being, and greatly appreciating the care and kindness and attention they have received from the medical officers, nurses, and orderlies during the whole of their journey from the firing line to the base, across the Channel, and up to London.

Such is the picture of the arrival of an Ambulance Train with sick and wounded men for the 1st London (City of London) General Hospital, and its section at St. Bartholomew's Hospital. W. McA. E.

THE 1ST LONDON (CITY OF LONDON) GENERAL HOSPITAL.

ITS ORIGIN, ORGANIZATION, AND WORKING.



WRITE a number of old St. Bartholomew's men and nurses have made inquiries with regard to the establishment and *personnel* of the 1st London (City of London) General Hospital, and a short account of its formation and working may be of interest to all.

LONDON GENERAL HOSPITALS.

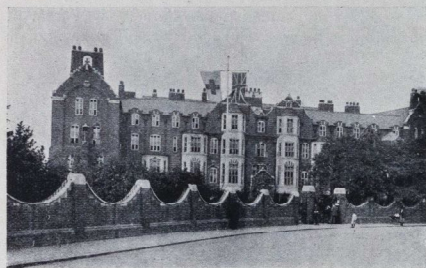
A General Hospital consists in theory and usually in practice of 520 beds—500 for privates and 20 for officers. It will at once be seen that this number of beds requires considerable accommodation for housing.

When the London Territorial General Hospitals were formed special arrangements were made with reference to their staff. It was intended that the clinical staffs of these hospitals should be professional *corps d'élite*, and that none should hold commissions in them unless qualified as members of the staffs of hospitals connected with medical schools or on the teaching staff of such schools. For this purpose the London Medical Schools and attached Hospitals were grouped to form the following Territorial Force General Hospitals:

St. Bartholomew's Hospital	} 1st London (City of London).
Guy's Hospital	
St. Thomas's Hospital	} 2nd London (City of London).
The London Hospital	
Middlesex Hospital	} 3rd London (County of London).
University College Hospital	
St. Mary's Hospital	} 4th London (County of London).
King's College Hospital	
Westminster Hospital	
Charing Cross Hospital	

When the Territorial Force General Hospitals were mobilized the staff was called up as they were required for the service of the hospital, and no more are maintained than are required for that service.

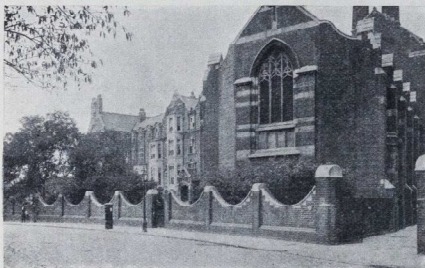
In these London Territorial Force General Hospitals application was made for four junior officers of the rank of Lieutenant to be attached as house-surgeons and house-



ST. GABRIEL'S COLLEGE.

physicians. They act as orderly medical officers and are employed on such other duties as the Administrator may decide.

If the staff of the hospital does not contain a pathologist, X-ray specialist, and anaesthetist, these may be co-opted by the Administrator, acting on the advice of the four senior



ST. GABRIEL'S COLLEGE.

members of the staff, for the period of mobilization, and will be taken on as Captains on the staff of the hospital for that period.

THE 1ST LONDON GENERAL HOSPITAL.

Some time previous to the outbreak of the war suitable premises for the 1st London General Hospital were selected in St. Gabriel's College (a training college for women) and the adjacent County Council School, facing Myatt's Park

in Camberwell. The situation was good and the buildings very fair for the use to which they were to be put.

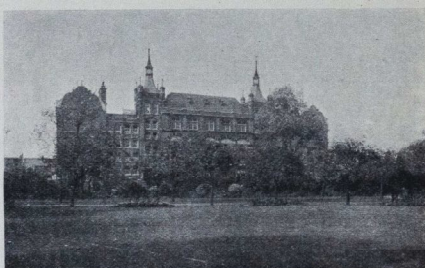
When orders for mobilization were given on August 5th, 1914, Lt.-Col. W. A. Atkinson, M.D., Captain (now Major) R. J. W. Oswald, and Major H. E. L. Purcell lost no time in bringing all departments of the Hospital into efficient being. Only those who have had experience of such



L.C.C. SCHOOL.

work can have the slightest conception of what it means to transform buildings which were built for purely educational purposes into such as should be of real value for hospital use.

Although the Hospital has lost the services of Lt.-Col. Atkinson on account of ill-health, all must acknowledge his



L.C.C. SCHOOL WITH PARK IN FRONT.

untiring work in the organization of a General Hospital which is now in splendid working order. Sir Wilmot Herringham had a good deal to do with the medical and surgical arrangements up to the time that he went to take up his duties as Consulting Physician to the British Expeditionary Force. When Lt.-Col. Atkinson left, Lt.-Col. Howard Tooth became Commanding Officer, and now resides at the Hospital.

The adjustment of the buildings for their new purposes

required, among a host of other alterations, the erection of an operation theatre, the putting in of two lifts, the building of an additional kitchen, the making of a covered way between the College and the School, and the erection of quarters for the R.A.M.C. (T.F.) men.

The Territorial nurses connected with St. Bartholomew's



N.C.O.'s.

were called up immediately, and did splendid work in getting the wards and their equipment ready for the time that wounded men would have to be received. Before long the East Wing at St. Bartholomew's Hospital, containing 180 beds (now 200) was attached to the 1st London General as a section, thus bringing the number of available beds up to at least 700.



NATIONAL RESERVISTS WHO VOLUNTARILY RETURNED TO SERVICE.

PERSONNEL OF THE HOSPITAL.

A General Hospital has *three administrative officers*, viz. the Commanding Officer, who has the rank of Lieutenant-Colonel, and who has supreme command over the whole of the establishment; the Registrar, who at the 1st London

General Hospital has now the rank of a Major, and whose duties are very varied, but who chiefly deals with the registration of admission and discharge of the patients; and the Quartermaster, who at Camberwell also has the rank of Major, and whose duties are exceedingly onerous, consisting chiefly in superintending all the "stuff" of the hospital and

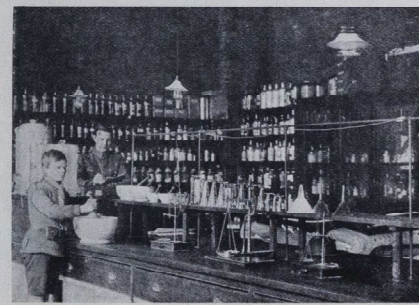


"COOKS."

the food of the patients. Under these three work all the *personnel* of the orderly and other male staff.

The 1st London General Hospital has *four residents*, who hold the rank of Lieutenant. One of these acts on the medical side and the other three on the surgical side.

The *acting medical and surgical staff* for the General Hospital and the St. Bartholomew's section at present con-



THE DISPENSARY.

sists of four physicians, eight ordinary surgeons, four "special" surgeons, viz., for eye, throat, ear, and teeth, three anaesthetists, one pathologist, and one radiologist.

The *men* consist of the 24 N.C.O.'s, viz., 2 sergeant-majors, 2 quartermaster-sergeants, 3 staff-sergeants, 8 sergeants, 1 lance-sergeant, 8 corporals, and 104 privates.

It is interesting to note that of the original men on the strength no less than seven have received Commissions in various units, which fact speaks well for the high grade of men at this Hospital. Their names are Dixon, Grundy, Hawkins, Hook, Strugnell, G. L. Wood, and H. W. Wood. The *personnel* have now excellent quarters, and a capital



"PROGRESSING WELL."

recreation room, with a canteen, and a first-class three-quarters billiard table. The Officers' Mess has given £20 for the purchase of musical instruments for a fife, drum, and bugle band, which makes the early morning lively! The whole of the men do a short march—preceded by these



THE OPERATION THEATRE—"READY."

instruments of torture to some, but of great content to the troops—every morning from 6 to 6.30, and this out-of-door exercise has contributed largely to the exemplary state of health in the company.

While the Hospital was being organized in the early days of the War, the following students of St. Bartholomew's Hospital did yeoman service, viz., Sergeants C. J. Bower and J. P. Ross, Corporal E. S. Cuthbert, and Privates T. F.

Haynes, H. A. Hooke, S. Iredale, R. Powell, H. Pridham, and B. Whitehead. The Sergeant-Major speaks very highly of the good example and general good influence they had upon the *personnel* as a body. They leavened the lump very effectively, and when they returned to other duties their absence was greatly felt.

NURSING STAFF.

Nothing, perhaps, has shown the magnificence of the British nursing profession more than the way in which Territorial and other nurses have come at a moment's notice to the help of the nation in the tending of the sick and wounded of the navy and army. These nurses are the staff who do most of the real hard work of the Hospital, who make the wheels go smoothly and pleasantly, and yet but few of us fully recognise that it is only the English-speaking



THE OPERATION THEATRE—"ACTION."

nations of the world, those that lack the German "kultur," which have such nurses as ours.

Immediately on mobilization there were available from nurses trained at St. Bartholomew's no less than ninety-two ladies to take their part in the work of the 1st London General Hospital. They consist of the Principal Matron, the Matron, twenty-two sisters, and sixty-eight nurses. To a Ward of forty beds there are allotted one sister and five staff nurses, two of whom are on night duty. In the Theatre there is a sister and two staff nurses, one of whom is on night duty. One staff nurse is in charge of the "medical comforts" and the daily cleaning work of the charwomen. One sister acts as assistant matron and another as home sister.

STATISTICS.

Admissions and Mortality.

A few statistics of the work of the Hospital since it began to receive patients in September last will be of interest.

Up to the end of March, 1915, at the General Hospital 3234 men had been admitted, and although the cases included all types of wounds and diseases there have been only thirteen deaths. At the section at St. Bartholomew's there have been admitted 1140 men, and again the number of deaths has been thirteen. It will be seen, therefore, that the total admissions have been 4374, with twenty-six deaths, or practically one death for each 170 patients admitted.

Operations.

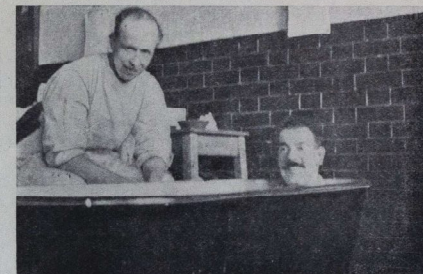
Exploration of wounds	290
Hernia	75
Varicoceles and hydroceles	27
Hæmorrhoids	24
Appendicectomy	15
Perforated duodenal ulcer	1



"THEATRE" WARD.

Nephro-lithotomy	1
Laparotomy	2
Ear, nose and throat	45
Semilunar cartilage of knee	16
Extraction of bullets or shrapnel	111
Trephining	6
Amputations :	
Forearm	1
Arm	3
Leg	2
Thigh	11
Fingers	15
Open fractures	8
Closed fractures	7
Fractured patella	2
Wiring olecranon	1
Hammer toes	12
Suturing nerves	7
Excision of eye-ball	3
Total	685

This total makes an average number of twenty-five operations a week. The administration of the theatre has been most successfully carried out by the Sister in charge with the help of her efficient assistants.

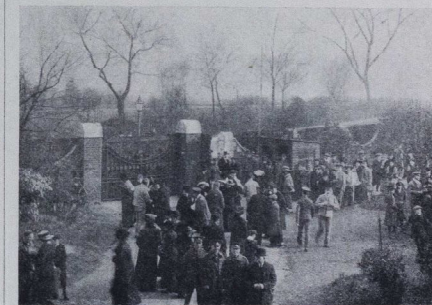


BATH TREATMENT—"ENJOYING IT."

EXPANSION AND WHAT IT MEANS.

Before long the Hospital will be expanded, probably up to another 500 beds, and possibly more.

This expansion will necessitate considerably more work, but the present staff are prepared for harder work, though it will be essential that in some departments more workers will have to be forthcoming.



"VISITING TIME."

A great many articles will be required beyond those supplied by Government in order to make the stay of the sick and wounded as comfortable as possible. While necessaries are provided, the many little accessories which make for greater contentment must come from the generous public. It may be said that the necessaries ought to be enough, but when it is remembered that many of these men have been through appalling experiences and show marked

evidences of being maimed for life, no one can grudge them some extra creature comforts. Little delicacies of food, soups, jellies, sardines, and cocoa; extra pillows and air-rings for aching heads and limbs; soap for the exterior and chocolate for the interior; socks and shirts, pocket-handkerchiefs and slippers, and a hundred and one other "little things that matter" just make all the difference.

It is not often realised what a hospital of 520 beds requires, and now the 1st London General Hospital is to have 500 more beds. Five hundred night-shirts and bed-jackets, with a change of each, means a thousand at least. The men come in tattered and torn in more ways than one,



WOUNDED SOLDIERS FROM THE ST. BARTHOLOMEW'S SECTION ENTERTAINED BY THE ENFIELD GOLF CLUB.

and on discharge it is a blessing to be able to give them an extra day-shirt and pair of socks. This means thousands of socks and shirts.

The St. Bartholomew's Hospital Women's Guild has done splendid work in providing these articles in the past eight months, and it is preparing to do so until the end of the War, and in increasing amounts as the expansion of the Hospital goes forward.

OBITUARY.

H. LEWIS JONES, M.D. CANTAB., F.R.C.P.

HENRY LEWIS JONES was the son of the Rev. Henry Jones, Chaplain R.N., and was born in 1857 at Sheerness. His grandfather was also in the Royal Navy, and had it not been for a somewhat high

The Committee of the Guild appeals to all for help to provide the following necessary articles: 1000 night-shirts, 500 bed-jackets, 50 operation-gowns, and 500 kit-bags (brown holland), and also for money, very much needed to provide materials.

For patterns, or cut-out garments, please apply at once to Miss Gask, The Matron's Office, St. Bartholomew's Hospital, E.C., to whom all parcels of clothes should be sent.

The Committee also appeals for medical comforts: Socks, pocket-handkerchiefs, bath towels; soft cushions (with washing covers); air cushions and air rings (red rubber, size

22 in.); felt slippers, folding chairs or wicker easy chairs, scarlet blankets or Guards' rugs; writing paper, envelopes, pens, pencils, blotting paper, ink; games and jig-saw puzzles, books; cocoa, chocolate, soups, meat extracts, Bovril, etc.; soaps, old linen.

Mrs. George Gask, 41, Devonshire Place, W., will be glad to receive and forward any of the above.

W. MCA. E.

degree of myopia which dated from childhood, there can be no doubt that Lewis Jones would have entered that service. He was educated at Shrewsbury, and in 1875 he entered Caius College, Cambridge, with a Tancred studentship in medicine. He left Shrewsbury with a distinguished classical reputation, and it was much to the disappointment of the College authorities that he could not



H. LEWIS JONES, M.D. CANTAB., F.R.C.P.

read for the Classical Tripos. He took part in most of the College sports, and rowed in the College trial eights in 1875 and 1877. During his residence at Caius he was awarded the Shuttleworth Scholarship in Botany and Comparative Anatomy, and numerous College prizes in Science. In 1878 he took his B.A. degree, being placed in the first class of the Natural Science Tripos, with distinction in Botany. In this latter branch of science his knowledge was profound. Jones remained a Bachelor in residence until he had passed his second examination for the M.B. degree. Shortly after this, I well remember him coming into Hall one evening and saying to me, "I am going to enter St. George's Hospital"—it being the fashion in those days for Cambridge men to enter there. I answered, "You had much better try for the open scholarship in science at Bartholomew's." Acting on this advice he entered for the scholarship and was bracketed equal for it with our Dean, Dr. T. W. Shore, in 1879. He took his M.B. degree and his membership of the College of Surgeons in 1881. Shortly afterwards he was appointed surgeon to the "Shannon," one of Green & Co. sailing vessels, and went for a voyage to Melbourne. He returned to England in April, 1883, and became House Physician to Dr. Gee. At this time I was one of Dr. Gee's clerks, and I remember the delightful evenings spent in Jones' rooms after the ward work was over for the day, when he would take us over our cases and coach us in medicine generally.

During his year of office Jones took his M.A. degree. He was next appointed House Surgeon to St. Bartholomew's Hospital, Rochester, which office he held from 1884-5. In 1886 he became Assistant Demonstrator of Physiology to St. Bartholomew's, and in the same year he took his membership of the College of Physicians. In the following year he was appointed Casualty Physician for two years, and in 1887 proceeded to his M.D. degree. In 1889 he was appointed Assistant Physician to the Victoria Park Hospital, and in 1890 Assistant Medical Tutor to St. Bartholomew's Hospital. During these years Jones lived in quaint old chambers in Barnard's Inn, off Holborn, and coached in physiology and medicine. He was examiner in the former subject to the Royal College of Physicians from 1889-97.

In 1891 Dr. W. E. Stevenson, who had been in charge of the Electrical Department since its foundation in 1882, died, and Lewis Jones was appointed in his stead. It is only those of us who can remember what the Electrical Department was then who can fully appreciate the enormous debt we owe to Lewis Jones in bringing the department to its present state of efficiency. His first advance was the introduction of the street mains as a source of electric supply, which made the sinusoidal current bath possible. He was the first to recognise the importance of rhythmical variations in the strength of currents when used in treatment. After Röntgen's discovery of the X-rays the

work in the department became very strenuous. In 1894 Jones, with the help of Leslie Miller, had constructed a Tesla coil for the production of high tension currents. This was fortunate, because this form of coil was used by Röntgen in his discovery. We were thus in a position to begin X-ray work almost immediately, and the first skiagram was taken by Jones in the department in April, 1896.

Jones made investigations, important both to physiology and electro-therapeutics, on the output of induction coils. He obtained records in a revolving mirror that showed conclusively that the discharge was not instantaneous, as usually believed, but was comparatively slow. This work was carried out in the physiological laboratories at Cambridge.

The ionic method of medication was introduced by him into this country, as also diathermy, which is now so extensively used by the surgeons.

In 1913 he devised the method of testing the reaction of muscles by condenser discharges, a method which he looked upon as being much more accurate than the old method of testing. He also did much to explain the therapeutic action of electricity. In many discussions with me on this matter, he said he had come to the conclusion that electricity acted in two ways: first, by a chemical effect (ionic) on the tissues, and secondly, by a thermal effect, and that its therapeutic action could always be referred to one or the other.

In 1894 Lewis Jones was elected a Fellow of the Royal College of Physicians. He was the first President of the Electro-Therapeutic Society, and it was principally due to him that a special Electro-Therapeutic Section was formed in the Royal Society of Medicine. He was the first President of the Electro-Therapeutic Section at the meeting of the British Medical Association at Exeter in 1907. He was also delegate to the International Congress of Physiotherapy held at Liège in 1905, and at Paris in 1910. He was an Associate of the Institution of Electrical Engineers.

In 1896 Lewis Jones married the eldest daughter of Count H. H. von Platen-Hallermund, by whom he had one son.

Jones' love for the sea lasted throughout his life. At first he had a small yacht, the "White Rose," which he kept in the Medway. Later he and C. B. Lockwood were joint owners of a larger vessel, the "Teal," which they kept at Leigh. Their week-end cruises in the "Teal" in the estuary of the Thames supplied them with material for their delightful book—*Swin, Swale, and Swatchway*.

Jones, as everybody knows, was the author of the classic, *Medical Electricity*, which has reached its sixth edition. He was also the author of *Ionic Medication*, and of numerous papers to scientific societies and journals.

In later years nothing, I think, gave him greater pleasure than going for week-ends to his country cottage, with its beautiful garden, at Edington in Wiltshire. Here he took great delight in the cultivation of daffodils.


I first joined Jones in the department in 1896, and during the whole of the time we were associated together we never had one word of disagreement. He resigned his appointment in 1913, and was appointed Consulting Medical Officer to the Electrical Department.

Jones never appeared to be very robust, but during the many years I had the privilege of his friendship I have never known him seriously ill. He was a staunch friend; one never went to him for counsel and advice without receiving of his best. He was kindness itself to his hospital patients. I have many times known him pay their fare home if he thought they looked tired or had come a long way. He would also frequently travel long distances about London to see them at their homes.

The closing months of my friend's life were very sad. His son had just joined H.M.S. "Hawke" as a midshipman after the outbreak of the war, and alas! within a few weeks she was torpedoed, with the loss of nearly all aboard.

Lewis Jones was cremated at Golder's Green on April 7th, and a memorial service was held in St. Bartholomew-the-Less, which was attended by many members of the nursing staff and many of his colleagues. H. W.

STUDENTS' UNION.

HE Annual General Meeting of the Students' Union was held on March 12th, 1915. The President, Mr. Waring, was in the chair. In the unavoidable absence of the Treasurers, the President read their report, which was as follows:

"The accounts for this year are printed in two different tables: (1) A general income and expenditure account. (2) A general revenue account.

"It will be seen from the first that there is a deficit this year of £180 18s. 11½d., and were it not for the balance in the second of £95 16s. 9d. this would be a very serious matter.

"This large deficit in the general account is largely due to the fact that the repairs at Winchmore Hill of the large boiler amount to £49 10s. 3d., and the absence of a subscription to the Club from the Catering Company, which last year helped us to have a balance on the right side. Also the balance brought forward by the JOURNAL is considerably less this year than last, largely owing to the fact that extra special editions have been published this year as compared with last—three having appeared, and last year only one having appeared. We are bound to publish four in two years by contract. The other items in the JOURNAL account are about the same. The advertisements in the JOURNAL are a little less, the subscriptions are a little more, but the subscriptions to the Year Book, which amount only

to 13s. 8d. as against £86 the cost of publishing it, do not warrant this being done.

"We must mention another point, namely, that the figures stated as being the expenses of the Clubs correspond to the amount granted to them, as in the majority of cases we have been quite unable to get any record of the expenditure of this money. The amount is about the same as that expended last year. There are, however, still some outstanding bills, which we should propose to pay, and make attempts, which will probably fail, to get the money back from the various secretaries when they return.

"We do not think there will be any necessity to call upon our reserve fund in order to meet our deficit, as probably this year, owing to the non-use of the Clubs to their full extent, we shall be able to save some money both as regards the Clubs themselves and also the wear and tear at Winchmore Hill."

The Medical School has relieved the embarrassment very greatly by making us a donation of £100, and the Catering Company have once again come to our rescue by very generously making us a similar donation.

The Annual General Report of the Council to the Union was next read, which was as follows:

"Gentlemen,—Your Council present their 11th Annual Report.

"It is with deep regret that we have to record the death of Mr. Bruce Clarke, which took place on May 28th, 1914. We need hardly remind you of all that he has done for the Students' Union, especially at Winchmore Hill. It has been decided that a Memorial shall be placed in the pavilion at Winchmore Hill, to take the form of an oak panel to be let into the wall. The Memorial to the late Mr. Etherington Smith, taking the form of a medallion framed in oak, has been placed in the Abernethian Room, and an inscription is now being made.

"With regard to the financial position of the Union, we are sorry to have to report a deficit of £180. We should like to take this opportunity of calling the attention of members to the important part played by the Committee of Medical Officers and Lecturers, the Journal, and the Catering Company, in the maintenance of the Union.

"The Annual Sports were held in June. The attendance was quite good, and the events proved most interesting, especially the inter-firm relay race, which was won by the pink firm. Our thanks are due to Mrs. Morley Fletcher for her kindness in distributing the prizes. The Past 7. Present cricket and tennis matches took place at Winchmore Hill in July. The result of the cricket match was a draw, but the Present defeated the Past at tennis with some ease. Again we remind the members that the amount of interest taken in the matches, judging by the attendance, is not as satisfactory as might be.

"As was generally expected, our Annual Dance, which is usually held early in December, was cancelled.

"We are exceedingly proud of the lists of Bart.'s men, recently published by the Journal, who are giving their services to the country at the present moment.

"We are naturally sorry that the various clubs have experienced great difficulty in arranging matches, which, however, owing to the present circumstances, is unavoidable. We congratulate the various secretaries on being able to fix up occasional matches.

"The Freshmen's meeting was held on October 12th; in the unavoidable absence of the President the chair was taken by Mr. Gask, who in his speech made some excellent remarks, encouraging sport, pointing out how essential it was to keep fit, and also urging men to join the O.T.C. The meeting was very well attended, and, we think, enjoyed.

"We are glad to report the re-opening of the Boxing and Rifle Clubs; the latter has now been re-formed some months, and is making excellent headway; the various competitions are being shot for, and are in a very interesting stage. The fact that the financial position of the club is sound is most gratifying, as in previous years this has been an exceedingly difficult factor.

"We hope the Boxing Club will receive all the support it deserves, and will turn out some men for the inter-hospital competition.

"With regard to Winchmore Hill, the tennis courts are situated on the lower side of the association ground, so that each piece of ground gets several months' rest during the year. The match courts remain as before. We should like to express at this point our appreciation of W. H. Last, the groundman, who continues to keep up the efficiency he has always shown.

"It is most gratifying to announce that our differences with the Catering Company have been settled; this was mainly due to the careful guidance of our President, who has always been untiring in his efforts on our behalf."

The result of the elections to the Council were as follows:

Constituency A.—K. D. Atteridge, R. R. Powell, W. R. Wilson, K. A. I. Mackenzie, C. P. Kearney.

Constituency B.—H. C. C. Joyce, F. E. G. Watson.

Constituency C.—I. de B. Daly, P. H. Wells, I. Braun.

Constituency D.—A. N. Garrod.

The two Secretaries for the coming year are: P. H. Wells and H. C. C. Joyce.

Mr. Waring, who has been our President for four years, and has worked unceasingly for our good, has, to our great satisfaction, allowed us to obtain from the Committee of the Medical School his nomination as President for the coming year. At the meeting he was elected unanimously and with acclamation.

Mr. Gask and Mr. Girling-Ball were again re-elected as our Treasurers, and a vote of thanks was unanimously passed for all the trouble they had experienced in looking after our finances.

The meeting closed with a vote of thanks to our President, which was proposed by Mr. Dunn and seconded by Mr. Powell.

ST. BARTHOLOMEW'S HOSPITAL WOMEN'S GUILD.

Chairman: THE LADY SANDHURST.

Hon. Treasurer: MRS. JESSOP, 73, Harley Street, W.

Hon. Secretary: MRS. NORMAN MOORE, 67, Gloucester Place, W.

Hon. Work Secretary: MISS GASK, The Matron's Office, St. Bartholomew's Hospital, E.C.

ON the mobilization of the 1st London (City of London) General Hospital a special appeal was issued, which met with a generous response from the members of the Guild, and gained us many new ones. The Guild contributed 6744 articles of clothing in 1914. Subscriptions to the London Branch during the year were £95 5s. 6d. and donations £326 11s. 9d., whilst from other Branches subscriptions and donations amounting to £142 14s. 0d. were received. Help is still much needed. The Annual Report, which will contain the balance-sheet and further details of what has been done, cannot be issued till after the Annual Meeting in the Great Hall on View Day, May 12th, at 4.45 (tea at 4), for which the Hon. Secretary will gladly furnish cards of invitation on application.

BIRTHS.

GRIFFITH.—On the 30th March, at 2, Cavendish Road, St. John's Wood, to Helena (née Fletcher) and Harold Kinder Griffith, F.R.C.S., R.A.M.C.P.—a son.

LEDWARD.—On the 16th April, at 121, Norton Way, Letchworth, Hertfordshire, the wife of H. D. Ledward, M.B., of a daughter.

MARRIAGES.

ADAMS—DODGSON.—On February 27th, at St. James's Church, Beira, Durban, G. Basil Doyne Adams, M.D. Oxon, eldest son of G. D'Arcy Adams, M.D., of 1, Clifton Gardens, W., to Alice Maud (Arline), eldest daughter of Mrs. Dodgson, Beira, Durban.

COLLIER—LIVERSIDGE.—On April 17th, at St. Luke's, Chelsea, by the Archdeacon of Middlesex, Walter Edgar Collier, M.R.C.S., L.R.C.P., of Maidstone, to Kathleen May, third daughter of the late Jarratt Liversidge, of Ringley, Reigate.

DYAS—COSIER.—On March 4th, at St. Mary of the Angels, Lieutenant George Elridge Dyas, R.A.M.C., youngest son of the late Robert Dyas, of Blythwood, Bromley, Kent, to Yvonne Mary, only child of the late Arthur G. Cosier and Mrs. Arthur Dean, of 27, Cleveland Square, W., and Sonningdene, Sonning, Berks.

DOUGLASS—HUGHES.—On March 6th, at St. Saviour's, Paddington, by the Right Rev. the Bishop of Barking, assisted by Rev. W. A. Carr, uncle of the bridegroom, and Rev. F. W. Behane Small, Vicar of St. Saviour's, William Cloughton Douglass, Lieut., R.A.M.C., son of the late Rev. W. Douglass and Mrs. Douglass, of St. John's, Walthamstow, to Myfanwy Bertha Hughes, elder daughter of the late Professor A. W. Hughes, F.R.C.S., King's College, London, and Mrs. Hughes, of Ranger Lodge, Glandyfi, Cardiganshire.

ELMSLIE—CARRINGTON.—On April 6th, at the Parish Church, Hursbourne, Tarrant, by the Rev. R. S. Atrowsmith, Reginald Cheyne Elmslie, M.S., F.R.C.S., 15, Devonshire Place, W., to Lottie Louise, eldest daughter of Samuel and Mrs. Carrington, of Hursbourne, Tarrant.

- FAIRCHILD—CLOWES**.—On March 20th, at St. Barnabas' Church, Bexhill-on-Sea, Surgeon George Cranston Fairchild, B.A., R.N., only son of William Fairchild, of Alma Cottage, Bishop's Stortford, to Emily Grace, daughter of the late Rev. Edward and Mrs. Clowes, of Colworth, Bexhill-on-Sea.
- FORRESTER—AYLWARD**.—On April 8th, at Northiam Parish Church, by the Rector, A. T. W. Forrester, M.D.Lond., of Narborough, Leicester, to Margery, eldest daughter of the Rev. A. F. and Mrs. Aylward, of Northiam, Sussex.
- LOTT—HODGE**.—On April 14th, very quietly, at All Saints, Margaret Street, W., by the Rev. Canon Tait, Vicar of Bromley, Kent, assisted by the Rev. W. A. Carroll, Vicar of Bickley, Dr. H. J. Iott, of Bromley, to Norah Mildred Hodge, third daughter of Edward Hodge, Esq., of Exeter.
- JONES—GRAHAM**.—On April 8th, at St. Mary Abbots, Kensington, London, Hugh Richard Jones, M.D., Abercromby Square, Liverpool, to Margaret, second daughter of the late George Graham, Lockerbie, Dumfriesshire.
- NAPIER—ROSS**.—On April 5th, quietly, at Old Windsor Parish Church, by the Rev. J. R. Napier, father of the bridegroom, Lionel Everard Napier, M.R.C.S., to Ella Florence, only daughter of Arthur Ross, Esq.
- PULLING—GREY**.—On April 8th, at the Church of St. Michael's and All Angels, Sunninghill, by the Rev. A. R. Ingram, assisted by the Rev. W. F. La Trobe-Bateman, John Bernard Pulling, M.B., B.C.Cantab., Faringdon, Berks, only son of Herbert J. Pulling, Brighton, to Sybil Constance, daughter of the late William Lewis Grey, Esq., of Tykna, Nilgiris, S. India.
- REICHARDT—HINDS**.—On March 20th, very quietly, at St. Lawrence's Church, West Woodhay, Berks, by the Rev. T. B. Wilson, E. M. Reichardt, M.D., of Dossel House, Ewell, Surrey, to Florence, daughter of Mr. and Mrs. Hinds, the Old Vicarage, Pottersbury, Bucks.
- STANSFELD—FAIRBROTHER**. On March 31st (quietly on account of the war), at St. Patrick's, Hove, by the Rev. Walter Marshall, M.A., Vicar of the Parish, Rex Stansfeld, B.A.Cantab., M.R.C.S., L.R.C.P., Lieut., R.A.M.C., only son of J. Stansfeld, R.A.M., to Mabel, elder daughter of Charles Fairbrother, 7, York Avenue, Hove.
- TAYLOR—SMITH**.—On March 24th, at St. Bartholomew, by the Rev. S. C. Louisa, Vicar, P. C. Peckham Taylor, L.R.C.P., L.R.C.S. Edin, to Lillian G. Smith, niece of Mrs. Harper, Violet Cottage, Southsea.
- WHITING—CREASY**.—On April 15th, at St. James', Hatcham, S.E., by the Rev. F. A. Sadler, M.A., Edgar William Whiting, M.B., B.S.Lond., second son of Mr. John Whiting, of Nottingham, to Kathleen Ruby, youngest daughter of Mr. and Mrs. Sully Creasy, of Lewisham, S.E.
- WYER—HAY**.—On February 20th, at the Church of Our Lady of Victories, Kensington, W., John Francis Wilcox Wyer, Lieutenant R.A.M.C., T.F., elder son of Frederick Wyer, I.C.S. (retired), The Manor House, Ringwood, Hants, to Yvonne Margaret Rutledge, fourth daughter of the late James Hay, late of Bingham, Murtle, Aberdeenshire.

DEATHS.

- KAY**.—On the 13th April, at Worthing, William Kay, M.R.C.S., L.R.C.P., of Bentley, Hampshire, in his 63rd year.
- LEWIS JONES**.—On Easter Day, at 143, Harley Street, W., Henry Lewis Jones, M.D., F.R.C.P., Consulting Medical Officer to the Electrical Department, St. Bartholomew's Hospital, aged 58.
- POWER**.—On the 31st March, at 299, Coldharbour Lane, S.W., after a short illness, Frederick D. Power, M.R.C.S.
- TUNNICLIFFE**.—On the 15th April, suddenly, at Radlett, Edwin Thomas Mosse Tunnicliffe, M.R.C.S. Eng., of North Finchley, aged 54.

In view of the new issue of the *British Pharmacopæia*, Dr. J. Mitchell Bruce, M.A., M.D.Lond., F.R.C.P., has, with the aid of Dr. Dilling, Lecturer in Materia Medica and Pharmacology, rearranged and rewritten his volume, *Materia Medica and Therapeutics: An Introduction to the Rational Treatment of Disease*, so as to bring it into correspondence with the new Pharmacopæia, and the tenth edition is about to appear. Those parts of the book which deal with the effects of drugs on the human body have also been rewritten in accordance with the newest lights on the subject. Messrs. Cassell issue within the next few days.

EXAMINATIONS.

UNIVERSITY OF LONDON.

Second Examination for Medical Degrees.

March, 1915.

Part I: Organic and Applied Chemistry.—W. B. Christopherson, A. R. Cowley, F. D. de Caux, G. W. R. W. Dreiheller, D. C. Fairbairn, H. N. Hornibrook, M. Jackson, R. J. Perkins, L. D. Porteous, E. S. Rose, R. B. Sharp, G. J. Sophianopoulos, G. P. Staunton, A. D. Wall.

Part II: Anatomy, Physiology, and Pharmacology.—E. M. Atkinson, K. N. G. Bailey, I. Braun, F. H. Glenny, J. P. Ross, A. A. Thiel, C. M. Titterton.

CONJOINT BOARD.

First Examination.

March, 1915.

Part I: Chemistry.—K. R. Chapple, A. Forster, D. Guilfoyle.

Part II: Physics.—K. R. Chapple.

Part III: Elementary Biology.—N. E. D. Cartledge, K. R. Chapple, P. C. Collins, T. James, P. Lindsey.

Part IV: Practical Pharmacy.—D. Crellin, T. J. Taunton.

Second Examination.

Anatomy and Physiology.—N. G. El-Gawley, F. E. G. Watson

L.S.A.

February, 1915.

A. Gregson-Williams.

NEW ADDRESSES.

BARNSELY, R. E., 85th Field Ambulance, 28th Division, B.E.F.

BRIGSTOCKE, P. W., C.M.S. Hospital, Old Cairo, Egypt.

KENNEDY, W., 10, Harrington Street, Calcutta.

ROBBINS, F. H., 85th Field Ambulance, 28th Division, B.E.F.

RYLAND, A., Military Hospital, Frensham Hill, Surrey.

SALE, J. C., R.A.M.C. Mess, Aldershot.

TAYLOR, M. R., Notoft, Churchfield Road, Acton, W.

TREVAN, J. W., 119, South Croxted Road, Dulwich, S.E.

VICK, R. M., 85th Field Ambulance, 28th Division, B.E.F.

WAGGETT, E. B., 85th Field Ambulance, 28th Division, B.E.F.

WALKER, K., Duchess of Westminster's Hospital, Le Touquet, France.

ACKNOWLEDGMENTS.

Guy's Hospital Gazette, The Nursing Times, British Journal of Nursing, St. Thomas's Hospital Gazette, The Student, St. Mary's Hospital Gazette, Middlesex Hospital Journal, Long Island Medical Journal, The Hospital, The Medical Review, The London (Royal Free Hospital) School of Medicine for Women Magazine, L'Attualità Medica, St. Mary's Hospital Gazette, Massachusetts General Hospital Report, New York State Journal of Medicine.

NOTICE.

All Communications, Articles, Letters, Notices, or Books for review should be forwarded, accompanied by the name of the sender, to the Editor, ST. BARTHOLOMEW'S HOSPITAL JOURNAL, St. Bartholomew's Hospital, Smithfield, E.C.

The Annual Subscription to the Journal is 5s., including postage. Subscriptions should be sent to the MANAGER, W. E. SARGANT, M.R.C.S., at the Hospital.

All communications, financial, or otherwise, relative to Advertisements ONLY, should be addressed to ADVERTISEMENT MANAGER, the Journal Office, St. Bartholomew's Hospital, E.C. Telephone: 1436, Holborn.

A Cover for binding (black cloth boards with lettering and King Henry VIII Gateway in gilt) can be obtained (price 1s. post free) from MESSRS. ADLARD AND SON, Bartholomew Close. MESSRS. ADLARD have arranged to do the binding, with cut and sprinkled edges, at a cost of 1s. 9d. or carriage paid 2s.—cover included.

Clinical Research Department.

THIS department has been organised to meet the demands of practitioners in all parts of the country for reliable laboratory reports upon pathological material of all descriptions.

The aim of the Department is to send out reports based on the application of the most recent methods of research.

To insure the attainment of this aim, the services of those actually engaged in the teaching of Pathology in the School and in the practical laboratory work of the Hospital have been enlisted.

The reports will be signed by the actual workers, whose names will be a guarantee, not only of careful examination, but of adequate interpretation of the results by those who have made such work their special study.

The fees for such examination have been fixed at the lowest limit consistent with thorough work by competent and specially trained investigators.

On receipt of a letter an outfit for the collection and transmission of pathological material, together with printed directions and labels and a scale of fees, will be sent to any practitioner free of charge.

For other work fees will be specially arranged and special apparatus supplied.

The report will be as prompt as is consistent with the requirements of the examination.

Telegrams will be sent whenever desirable, and will be followed by detailed reports.

Cheques and Postal Orders to be made payable to Dr. A. E. STANSFELD or Mr. R. M. YICK.

Specimens to be addressed to "The Clinical Research Department, St. Bartholomew's Hospital, E.C."

For Wounded Soldiers and All Invalids.

When suffering from FEVER induced by the pain of wounds, nothing soothes so much the parched thirst as BARLEY WATER made from

When recovering from the effects of wounds, and Nature wants building up, a basin of GRUEL, made nicely from milk and

ROBINSON'S
"Patent" BARLEY

Recipe for making will be found on every packet and tin.

ROBINSON'S
"Patent" GROATS

is always appreciated and works wonders from its strengthening qualities.

KEEN, ROBINSON & CO., LTD., LONDON.

St. Bartholomew's Hospital and College

(University of London).

Final Fellowship

OF THE
ROYAL COLLEGE OF SURGEONS.

SPECIAL CLASSES

FOR THE
FINAL FELLOWSHIP EXAMINATION

IN
Surgical Case Taking, Surgical Anatomy,
General Pathology, Bacteriology,
Operative Surgery, &c.

Fees: Exclusive of Operative Surgery, £21,
or to St. Bartholomew's men, £10 10s.;
Operative Surgery, £10 10s.,
or for St. Bartholomew's men, £6 6s.

For further particulars apply to THE DEAN OF THE MEDICAL SCHOOL, St. Bartholomew's Hospital, E.C.

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE

(UNIVERSITY OF LONDON).

ENTRANCE SCHOLARSHIPS.

The following FIVE SCHOLARSHIPS will be awarded after an Examination commencing on September 20th, 1915:

- (1) and (2) Value £75 each, in not more than three, nor fewer than two, of the following subjects: **Chemistry, Physics, Zoology, Botany, Physiology, Anatomy.**
(3) Value £150, in not fewer than three of the following subjects: **Chemistry, Physics, Botany, Zoology, Physiology.**
(4) Value £100, in **Latin, Elementary Mathematics, and Greek, or French, or German.***
(5) Value £50 (**Jeaffreson Exhibition**), for second best examination in the same subjects as (4).

* The examination in these subjects will be similar to that adopted at the University of London Matriculation Examination.

For the full regulations, &c., concerning the above, apply to THE DEAN, St. Bartholomew's Hospital, E.C.

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE

(UNIVERSITY OF LONDON).

PRELIMINARY SCIENTIFIC DEPARTMENT.

The Instruction in this Department has been remodelled to meet the requirements of the
NEW REGULATIONS OF THE UNIVERSITY OF LONDON.

A Course of Instruction is now being given for the

FIRST EXAMINATION FOR MEDICAL DEGREES.

Students recently matriculated should devote a full Academical Year to the

LECTURES and LABORATORY WORK in **BIOLOGY, CHEMISTRY, and PHYSICS.**

Inclusive Fee, TWENTY GUINEAS, or the Subjects may be taken separately.

For fuller particulars apply to THE DEAN, St. Bartholomew's Hospital, London, E.C.

St. Bartholomew's Hospital and College.

INSTRUCTION

FOR THE DIPLOMA IN PUBLIC HEALTH

The following Courses of Instruction are designed to meet the requirements of qualified men desirous of obtaining the Diploma in Public Health:

A. Laboratory Instruction—

CHEMISTRY, including the practical examination, qualitatively and quantitatively, of various waters and effluents, of air, and of foods, the detection of preservatives in foods.

BACTERIOLOGY and PATHOLOGY OF PREVENTIBLE DISEASES, including the bacteriological examination of water, air, soil, and food; the practical testing of disinfectants and filters.

PHYSICS IN RELATION TO PUBLIC HEALTH.

B. Lectures—

SANITARY LAW AND ADMINISTRATION.

A three months' course of lectures on this branch of study is given three times yearly. Visits to places of public health interest are arranged in connection with these Lectures.

C. Out-door Sanitary Work with a Medical Officer of Health—

Arrangements have been made for the required three or six months' course with a M.O.H.

For particulars apply to—

THE DEAN OF THE MEDICAL SCHOOL,
ST. BARTHOLOMEW'S HOSPITAL, E.C.

St. Bartholomew's Hospital and College

(UNIVERSITY OF LONDON).

SUMMER SESSION

Began April 20th.

THE HOSPITAL has 744 Beds and a Medical School, which contains large Lecture Rooms and Laboratories, as well as a Museum and a Library.

Every Special Branch of Medicine and Surgery has a Department.

ENTRANCE SCHOLARSHIPS.

Five Entrance Scholarships are awarded in September, of the aggregate value of £350.

Other Scholarships and Prizes amount to about £530.

PRELIMINARY SCIENCES.

BIOLOGY, CHEMISTRY, and PHYSICS are fully taught in the LABORATORIES apportioned to these subjects.

HOSPITAL APPOINTMENTS.

Twenty-eight House Physicians and House Surgeons are appointed annually from those Students who have passed their final qualifying examination.

Four hundred and twenty-four Ward Clerkships and Dresserships are open annually to Students before qualification.

STUDENTS' UNION.

The Union possesses a Club Ground of ten acres within easy reach of the Hospital.

HIGHER EXAMINATIONS.

Special Classes are held for

M.D., F.R.C.S., D.P.H.

RESIDENTIAL COLLEGE.

Students can reside within the precincts of the Hospital under the supervision of the Warden.

For further particulars apply, personally or by letter, to—

THE DEAN OF THE MEDICAL SCHOOL,
ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.

St. Bartholomew's Hospital and College.

BACTERIOLOGY.

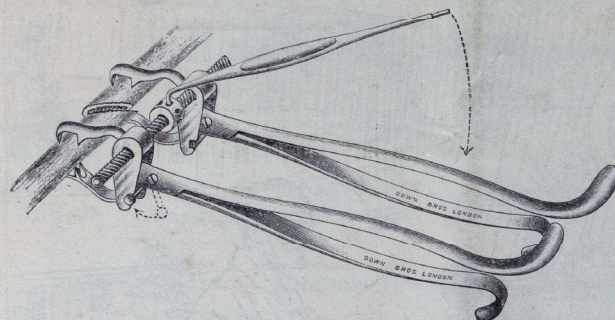
Classes in Bacteriology, each lasting five weeks, are given in the Bacteriological Laboratory to qualified men during the Winter and Summer Sessions.

For particulars apply to—

THE DEAN OF THE MEDICAL SCHOOL,
ST. BARTHOLOMEW'S HOSPITAL, E.C.

DOWN BROS.' SPECIALITIES.

Instrument for Reducing Overlapping Fractures Preliminary to Internal Splintage of the Long Bones



— Suggested by Mr. G. H. Colt, F.R.C.S., —
Assistant Surgeon, Royal Infirmary, Aberdeen

Designed to meet the difficulty sometimes experienced in reducing the fragments before applying a Lane's plate, this instrument secures easy, gentle, and entirely efficient extension. It fits the Lane's Forceps in general use, thus rendering special forceps unnecessary.

FULL DESCRIPTIVE CIRCULAR
ON APPLICATION.

GRANDS PRIX.
PARIS 1900. BRUSSELS 1910. BUENOS AIRES 1910.



GOLD MEDAL,
ALLAHABAD, 1911.

DOWN BROS., Ltd.,



Surgical Instrument Manufacturers,

21 & 23, ST. THOMAS'S STREET, LONDON, S.E. (opposite Guy's Hospital).

Telegraphic Address:
"DOWN, LONDON."

Telephone No.:
HOP. 4400 (4 lines).

Factory: KING'S HEAD YARD, S.E.

By Appointment  to H.M. the King. Appointment  to H.M. Queen Alexandra.

POLISHED FLOORS. RONUK, LTD.

are prepared to Estimate for the Polishing
and the maintenance of all kinds of floors in

**Hospitals, Institutions
and Private Houses.**

Write for Pamphlet.

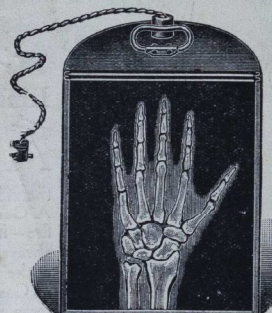
Manufacturers of "RONUK" SANITARY POLISH.

Awarded Gold Medal at XVIIth International Congress of
Medicine, and six Medals by the Royal Sanitary Institute,
including the Highest and only Awards ever
granted to a Polish.

The floors of the Wards and Staff Quarters of St.
Bartholomew's Hospital are polished with "Ronuk."

"RONUK," Ltd., Head Office & Factory, Portslade, Brighton, Sussex.

Depots: LONDON: 16, South Molton St., W. MANCHESTER: 285, Deansgate.



L. MILLER

Manufacturer of

**Electro
Medical
Apparatus.**

66, HATTON GARDEN,
LONDON.

*Specially introduced at
the request of the Medical Faculty.*

Fry's MALTED Cocoa

A combination of Fry's Pure Cocoa with ALLEN AND HANBURYS'
EXTRACT OF MALT.

"Excellent. Its dietetic and digestive value is beyond dispute."—*Lancet.*

300 GRANDS PRIX, GOLD MEDALS, &c.