

One patient showing defective metabolism was examined on 10 occasions and showed only slight variations between 60 *per cent.* and 70 *per cent.* of the standard.

#### IODINE IN THYROID GLAND.

The investigation of the iodine content of thyroid glands previously carried on at the Pathological Laboratory of the London County Mental Hospital at the Maudsley Hospital has been transferred here and is still in progress.

The chemical results are being correlated as before with the histological investigation in each case.

#### BACTERIOLOGY.

*Dental Dept.*—Of 25 cases of examination of the tooth-pulp from X-ray or clinically condemned teeth 14 proved sterile by the anaërobic method employed.

*Ear, Nose-Throat Dept.*—Fourteen cases of sinus infection have been investigated, 3 being clinical cases, by means of a "wash-out" of the sinus or sinuses, and 11 from swabs taken at autopsy. Streptococci, streptobacilli, diphtheroid and saprophytic organisms were found in most cases.

*Gynaecological Dept.*—Swabs taken from the endocervix by means of special swab tubes showed organisms in 226 out of 338 swabs, *i.e.*, 67 *per cent.* It is found that diphtheroid organisms largely predominate—*e.g.*, *B. Hofmann*, *B. xerosis*, *B. flavidum*, and another diphtheroid [reference (A)]. Streptococci were quite common, also strepto-bacilli.

Three cases of puerperal sepsis have been investigated, one of which showed at autopsy a thrombosed inferior vena cava with a generalized infection of *B. lactis aërogenes*. Another showed during life a bacteriæmia of a Gram-positive organism occurring in chains of cocci bacteria and threads; from this organism a vaccine was prepared and the patient's brother immunized in preparation for a blood transfusion. Transient good results in this case followed injection of aseptic guinea-pig serum complement in conjunction with polyvalent antistreptococcal serum.

*Gastro-intestinal.*—It was interesting to note in view of the demonstrated sepsis of the mouth and naso-pharynx that 23 of 36 specimens of test-meals showed no free hydrochloric acid.

The examinations of the fæces have shown many varieties of organisms. Streptococci are present in many cases, occasionally in pure culture.

A large number of organisms other than *B. coli* are often found, but which did not fall into the pathogenic groups by reason of their sugar reaction.

*B. Friedländer* often occurs in groups of cases, and *B. cloaca* has been found in a blood-culture in one case on two successive occasions, which was suggestive that organisms usually considered "normal," or at least non-pathogenic, may multiply and cause disturbance in debilitated patients such as are commonly met with in mental hospitals.

Other work in progress includes the quantitative estimation of the fat, lipid and cholesterol content of suprarenal glands obtained at autopsies, and correlations with micro-chemical tests and histological structure.

Some interesting tables follow.

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#### NOTICES BY THE REGISTRAR.

##### FINAL EXAMINATION RESULTS FOR THE NURSING CERTIFICATE, NOVEMBER, 1924.

###### *List of Successful Candidates.*

\* Passed with distinction.

*Bedford.*—Hugh Price Searle, John Henry Bruce.

*Berks.*—Lilian B. Brignall.

*Cambridge.*—Laura H. Handcock, Florence Summerfield.

*Cheshire, Chester County.*—John Harry Jones, Nellie Rogers.

*Cheshire, Macclesfield.*—Harold Bailey, Arthur L. Hatton, Frank Ashlèy.

*Cornwall.*—William Champion, N. G. Sheman.

*Derby County.*—Nina K. Flixon, Mary Ann Tisdall, Edna Lownds, Joseph E. Hall, Charles Morton.

*Dorset*.—Benjamin W. Webber, Geo. Paul, Lilian C. Cottrell, Edith M. Costigg, Lilian R. Dalley, Freda Gammon.

*Durham*.—Geo. Eli Benford, Edward Levison.

*Essex, Brentwood*.—Vera Irena Grigg, Violet G. Complin, Elizabeth M. Reeve, Gertrude E. Brock, Eleanor Stoneley, Rose E. Witthames, Florence M. Wise, Richard H. Baker, Percy Wm. Bird, Ernest Geo. Fry, Thomas C. Haviland, Gilbert Jewson, Percy A. W. Leppard, Herbert S. Prior, Joseph P. Swanson.

*Essex, Severalls*.—Samuel W. Aimes, George W. Bonner, William H. China, James John Sage, John David Watson, Harold William Ward, John Young, Lilian M. Jones, Delia M. Lydon, Edith F. Crabb, Sabina S. Mildenhall, Amy M. Osborne, Laura W. Sapsford, Gertrude E. Peachey.

*Hants, Knowle*.—William T. Brown, Edward V. Polkinghorne, Wilfred F. Durrant, Herbert J. Lawrence, Lilian A. Chadwick, Fanny Parker.

*Hants, Park Prewett*.—Nora G. Allinson, Winifred Amy Voller, Esther May Duroe, Charles Edward Pinner, Edward Geo. Gaines, Horace Leajon, Thomas H. Messan, John Samuel Stacey, Henry G. Manuel, Maurice Hailstone, William Porter.

*Hereford*.—George Esmond Godby.

*Herts, Hill End*.—John Colman, Gladys Muriel Barnes, Florence M. Ribbons, Mady Ethel Scott.

*Kent, Chartham*.—Arthur R. Benefield, Ernest Edward Fairbrass, Eva Flora Cooke, \*Gladys G. Fellows, Fredk. James Mann.

*Kent, Maidstone*.—Margaret T. Doyle, \*Olive Kathleen Owens, Kathleen E. Creighton, Michael J. Mulvey.

*Lancashire, Whittingham*.—Frederick Higham, Walter Walmesley, William Lea, George Oxborrow, Leo Unsworth, A. E. Ratcliffe, John Watson.

*Leicester Co.*—Alfred Cowling, Geo. T. Dalby, Norah Roddy, John Evans, Frederick Davies, Michael Stokes, J. MacPhee, William Gibson.

*Lincoln, Bracebridge*.—Geo. Alfred Moss, Arthur Edwin Hough.

*Lincoln, Kesteven*.—Fanny Bainbridge, William Halvin Brown, Sam Exton, Claude E. Halls, Ernest S. Palmer, John Ernest Pentelow, George M. Rowlands, Edith Courtney Wells.

*London, Banskad*.—Sidney W. Bowden, William Thomas Cox, Albert Edward Davis, Arthur C. Eggleton, Frederick C. Hunt, William T. M. Ims, Bernard J. Jordan, Godfrey W. Kendall, Walter Edward Southwood, Albert Stewart Webb, Albert Wright.

*London, Bexley*.—Marie Amanda Baker, Kathleen Mahony, Samuel Miller, William J. Pidduck, Arthur W. Reast, Henry R. Slater, Leslie Smith, Donald H. Barber, Ernest H. Harris, Harry Stanley, Ruth Rogers, Mary K. Logue, Myra Agland, Doris Patrick, Jessie Ellen Mann.

*London, Cane Hill*.—Catherine E. L. Davies, Catherine Kirk, Annie Keating, Annie McLauchlan, Elizabeth Rebecca Lindus, Minnie Pearson, Clara G. Lashbrook, William Blake, Albert J. Latter, William F. Martin, William H. Beadell.

*London, Claybury*.—Mabel Banham, Katie O'Brien, Dorothy J. Parkinson, Marion J. Iliffe, Jane Wright, Alice Slade, \*E. W. Welham, A. A. Burgess, H. V. Stevens, W. Reeve, G. H. Eve, H. Hetherington, A. E. Mead, A. C. W. Radley.

*London, Cobney Hatch*.—Frederick B. Smith, Frederick G. Gentle, Frederick E. Shelsey, Geo. Wm. Field, Geo. A. Snowden, Richard Jessop, Edward C. Horwood, Edgar Chas. Gudgin, Ellen Eliz. Flowers, Winifred Manning, Jane Clara Eliz. Nicholls, Marion Farrell, Catherine Keniry, Margaret Knox, Rachel M. Eddy, Adelaide Hurst, Mabel M. Nutall, Annie M. Wright, Elsie Gladys Brown, Ethel L. Rawlings, Maud Emma Evans, Edith H. Whiddett, Dorothy R. Miles, Florence M. Williamson.

*London, Ewell, M.O.P.*—Ernest Langley, James Whitehead, Alfred Jessie Smith.

*London, Hanwell*.—Nellie Davis, Charlotte Shields, Frances W. Hooton, Emily E. Burge, Florence E. Weeks, Martha P. Bowler, Doris P. Tonge, Mabel F. Meen, Elsie H. R. Orton, Dorothy F. Drew, Charles W. Woodage, Frank Partridge, Edward Burrigge, Charles W. Virgoe, William Wheeler, Wilfred Fitzgibbon, Frederick H. Atkins, Frank Eldridge, Charles A. Calcutt, Leonard W. Darbin, James W. Payne, John McCarthy, Archibald R. Fish.

*London, Horton*.—Margaret Cooney, Annie J. Wimsey, Eleanor G. Gell, Grace Annie Cook, Margaret M. Wimsey.

*London, Long Grove*.—Arthur Brown, Arthur Henry, Arthur James Moore,

Henry Portwine, William P. Spooner, Leonard Hy. Skilton, George Henry Worrall, Hy. Wm. Cecil Wood, Lucy Dickenson, Christine Moran, Nellie C. Watkins, Peter Bourne.

*London, West Park.*—\*Kate Ann Longland.

*Middlesex, Napsbury.*—John Harold White, Albert E. Colwell, Arthur W. Sturman, Ernest John Ellis, Henry G. Shadbolt, William F. Farmer, Leslie J. Spokes, Elizabeth Martin, Esther Harriett Cox.

*Middlesex, Springfield.*—Alfred J. Johnson, Arthur P. Chandler, Emanuel Chapple, \*Edith Catherine King, Ellen A. Johnson, Ethel Elsie Cox, Dorothy Birch, Betty Myles, Edith Mabel Lewis, Winifred Gowthorpe.

*Monmouth.*—Ella Price, Dorothy Gwenlan, Beatrice E. Merrick, Frank G. Griffiths, Evan J. Leighton, Frederick John Dale, Herbert A. Barker.

*Northampton, Berrywood.*—John Lawton, Reginald G. Scotney, Norman Whitlock.

*Northumberland.*—Joshua Hedley, Jennie Stothard, Janet Black, Hannah McCaffrey.

*Norfolk.*—Frederick Graveling, Frederick Greenacre, Richard Ernest Kerry, Flora R. Lawrence, Dorothy Mary Winter.

*Notts.*—Thomas W. Lea, Ada Chamberlain, Edith Prime, \*Ada E. M. Beedham, Grace Mitchell, Ethel Leighton, Wilfred Bamforth.

*Somerset and Bath.*—Hilda May Lee, Eunice Annie Morton, Daisy Maud Stutt, Dorothy Hull, Reginald J. Molland, Harold J. Bellingranger, Cecil Wilfred Jones.

*Stafford, Cheddleton.*—Jack McGarry, Peter R. Schofield.

*Suffolk.*—Jack Addison, Derrick Earrey, George Eastwood, Edward K. Jordan, Janet A. Pinner.

*Surrey, Brookwood.*—Frederick B. Grenham.

*Surrey, Netherne.*—Amy L. Baker, Mary Arthur, \*Emily Purdy, William Bain, Frederick S. R. Wheatley, Edwin T. Jupp, William V. Beecher, Thomas J. R. Parsons, Reginald G. Westover.

*Sussex, Graylingwell.*—Frederick Mitchell, Ernest Alfred Netley, Frederick Stenning, Hannah Harcombe, May Hallatt, Lilian Jury, Kathleen Wood, Annie M. Duckett, Grace Hewson, Ethel Squibb, Gertrude M. Green.

*Sussex, Hellingly.*—Archibald S. Wood, May K. Frost, Jennie A. Charity, Eva Elsie Mayes, Rhoda A. Sandall.

*Warwick.*—Daisy Robinson, Alice Burton.

*Wills.*—Lottie Colman, Henry James Bottle, Victor Wallace Wheeler, Richard P. Holt, Albert E. Beavis.

*Yorkshire, Beverley.*—Cora Sturgess, May Carlisle, Geo. Frederick Dunn.

*Yorkshire, Clifton.*—Will Coates, Mollie Broderick, Nora Broderick.

*Yorkshire, Menston.*—George Lambert, George Wood, Grace McDonald, Frank Barnes, Mann Lister.

*Yorkshire, West Riding.*—John Craven Foster, Leon Robt. Shipton, Herbert H. Manton, George H. Southwell, George Robert Clifton, Harry O'Neill, John Taylor Waite, Ernest Grisdale, Leonard B. Stennett, Ada Blackburn, Mary Barber, Minnie Hudson, Eva Milner, Ellen Macauley, Annie Neill, Lucy Hildred, Agnes Binks, Catherine C. Wishart.

*Birmingham, Rubery Hill.*—Kitty Lucy Squire, Daisy C. Nixon, Matilda L. Holt, Esther Wheatley, Florence E. Thomas, Samuel H. Lee.

*Birmingham, Winson Green.*—Beatrice Morris, Clara Fowler, Violet Bennett, \*Reginald Forrest.

*Brighton.*—Geo. Francis Mason, Ernest C. Newnham.

*Bristol.*—Frederick W. Mayo, Hilda Maud Upton.

*Cardiff.*—Mary M. Cross, Isabella McKee, Reginald V. Lane, Harry Maslen.

*Croydon.*—Constance Harrott, Ivy Margaret Stone.

*Gateshead.*—Pansy Mary Harvey, James Laing, John Robert G. Young.

*Hull.*—Vera Drewery, Catherine Conlan, Beatrice A. Patrick, Tom Jackson, James Blades, Walter Robinson, William Harbour, Cyril J. Robinson.

*Ipswich.*—Ada A. Atkins, Maud E. Andrews.

*Newcastle-on-Tyne.*—Mary Teresa Gordon, Jane Annie Jackson.

*Newport.*—Joseph Harry Lyons, Winfred A. Murray.

*Norwich.*—Mabel Winifred Bartle, Hilda Alice Benn, Frances M. George, Sybil E. Harvey, Rosie C. Parr, \*Cynthia Daisy Turner, Hannah Warnes, Ernest Hewitt, Charles J. Maidstone, Frank C. W. How.

## NURSING OF MENTAL DEFECTIVES CERTIFICATE.

*M.A.B., Darenth.*—Annie Oates, Kate Hanson, Emily Mower, Margaret Gillon, Emma Potterton, Jessie Van Tromp, Ellen Ware, Dorothy Whyte, James Prendergast, Sidney Leaney, Ernest Rowe, Sidney Goodwright, Steven Hurlock, George Henry Marsh, Percival T. Pickin, Edward R. Pobgee.

*M.A.B., Leavesden.*—Leonard W. Baldwin, Clifton H. Bourne, Harold Arthur Rowe, George Frederick Rew, Alice Irene Allen.

*London Manor.*—Doris Eggington.

*Monyhull Colony.*—Daisy Moore, Ivy Alix Ithamer, George Newsham.

*Royal Earlswood Institution.*—Edith Constance Saunders.

*Stoneyetts Institution.*—Mary Hamilton Waddell, Isabel Brogan, Agnes Carr Barr.

## NOTICES OF MEETINGS.

*Quarterly General Meetings.*—November 17, 1925; February 16, 1926; May 18, 1926.

*South-Eastern Division.*—October 15, 1925, at the Cassel Hospital, Penshurst.

*South-Western Division.*—October 29, 1925, at Barnwood House, Gloucester.

*Irish Division.*—November 5, 1925; April 22, 1926.