

## Health Reports

The following cases of smallpox, yellow fever, cholera and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended June 4, 1909:

## SMALLPOX—UNITED STATES

Arizona: Winslow, April 24-May 1, 1 case, 1 death.  
California: Los Angeles, May 8-15, 3 cases; San Francisco, 1 case.  
District of Columbia: Washington, May 15-22, 1 case.  
Georgia: Atlanta, Jan. 15-May 21, 62 cases; Macon, May 2-9, 3 cases.  
Illinois: Danville, May 16-23, 2 cases; Springfield, May 14-21, 1 case.  
Kentucky: Covington, May 15-22, 3 cases; Newport, 1 case.  
Massachusetts: Somerville, May 15-22, 1 case.  
Minnesota: Duluth, May 13-20, 2 cases.  
Missouri: Kansas City, May 15-22, 2 cases.  
Montana: Butte, May 6-20, 11 cases.  
New Jersey: New Brunswick, May 1-22, 5 cases.  
North Carolina: State of, April 1-30, 127 cases.  
Ohio: Columbus, May 15-22, 1 case; Sandusky, May 8-15, 1 case.  
Pennsylvania: Philadelphia, May 14-21, 1 case; Pittsburgh, May 15-22, 1 case.  
Utah: State of, April 1-30, 37 cases.  
Virginia: Portsmouth, May 18-25, 2 cases, 2 deaths.  
Washington: Spokane, May 1-8, 5 cases.  
Wisconsin: Milwaukee, May 15-22, 2 cases.

## SMALLPOX—INSULAR

Philippine Islands: Manila, April 10-17, 9 cases, 2 deaths.

## SMALLPOX—FOREIGN

Africa: East London, April 10-17, 1 case, 1 death.  
Algeria: Algiers, April 1-30, 18 cases, imported.  
Brazil: Rio de Janeiro, March 29-April 25, 44 cases, 26 deaths; Sao Paulo, April 5-11, 1 death.  
Canada: Halifax, May 8-15, 2 cases; Toronto, April 24-May 15, 5 cases; Yarmouth, May 22-29, 2 cases.  
Ceylon: Colombo, March 27-April 17, 5 cases, 4 deaths.  
China: Amoy, April 20, present.  
Egypt: Cairo, April 8-29, 22 cases, 19 deaths.  
India: Bombay, April 20-27, 20 deaths; Calcutta, April 10-17, 171 deaths; Madras, April 17-23, 2 deaths; Rangoon, April 10-17, 9 deaths.  
Indo-China: Saigon, April 3-10, 2 cases, 2 deaths.  
Italy: Catania, May 1-8, 1 case; Naples, May 2-16, 17 cases, 7 deaths.  
Java: Batavia, April 10-17, 3 cases.  
Mexico: Matamoros, May 8-15, 1 case; Monterey, May 9-16, 10 deaths; Veracruz, 1 case.  
Portugal: Lisbon, May 8-15, 4 cases.  
Russia: Odessa, April 24-May 1, 1 case, 1 death; St. Petersburg, April 10-17, 13 cases, 5 deaths; Warsaw, March 6-20, 6 deaths.  
Serbia: Belgrade, May 1-8, 10 cases, 2 deaths.  
Spain: Barcelona, May 3-10, 5 cases; Madrid, April 1-30, 30 deaths; Vigo, May 1-8, 1 death.

## YELLOW FEVER

Barbados: May 8-15, 1 case.  
Brazil: Para, May 1-8, 4 cases, 2 deaths.  
Mexico: Merida, May 14, 1 case, imported from Tekax.

## CHOLERA—INSULAR

Philippine Islands: Provinces, April 10-17, 133 cases, 90 deaths.

## CHOLERA

India: Bombay, April 20-27, 25 deaths; Calcutta, April 10-17, 108 cases; Rangoon, 5 deaths.  
Russia: St. Petersburg, May 7-14, 15 cases, 7 deaths.

## PLAGUE

Brazil: Rio de Janeiro, March 27-April 25, 3 cases.  
Chile: Antofagasta, April 17, 9 cases; Iquique, April 18, 22 cases.  
Egypt: General, April 16, 29 cases, 19 deaths.  
German East Africa: Muanza, April 14, 60 deaths.  
India: General, April 10-17, 5,309 cases, 4,594 deaths; Bombay, April 20-27, 508 deaths; Calcutta, April 10-17, 90 deaths; Rangoon, 30 deaths.  
Indo-China: Saigon, April 3-10, 5 cases, 5 deaths.  
Japan: Himeji, April 30, 1 case, 1 death; Kobe, April 17-24, 2 cases, 2 deaths; Yokohama, April 24-May 1, 1 case.  
Peru: Lima, April 24-May 1, 10 cases, 6 deaths.  
Straits Settlements: Singapore, April 3-10, 2 deaths.

## Queries and Minor Notes

ANONYMOUS COMMUNICATIONS will not be noticed. Queries for this column must be accompanied by the writer's name and address, but the request of the writer not to publish name or address will be faithfully observed.

## LENHARTZ DIET

To the Editor:—Will you kindly state what constitutes the so-called Lenhartz diet, which is used in ulcer of the stomach?

G. N. P., Yonkers, N. Y.

ANSWER.—The Lenhartz diet was described in THE JOURNAL, Jan. 26, 1907, and again May 30, 1908, p. 1813. It consists of a somewhat abundant diet, chiefly of proteids, given on the principle that the excess of acid is thereby neutralized and the healing of the ulcer facilitated. The patient is put to bed and absolute rest enjoined, so that the first two weeks following hematemesis the feces and urine are passed in a bedpan. Mental quietude is also enjoined,

especially freedom from any form of excitement. Confinement to bed is continued for at least four weeks. An ice-bag is laid over the region of the stomach to promote the contraction of that organ, lessen the exposed surface of the ulcer and relieve pain. On the first day, even after hematemesis, the patient receives in teaspoonful doses about a pint of iced milk and one, two or three fresh beaten eggs during the first twenty-four hours. The eggs are beaten up entire with a little sugar and the cup containing them placed in a dish filled with ice, so that they remain cold. In addition two or three times a day or oftener, bismuth subnitrate in, at most, 30-grain doses, is given, suspended in water, and these doses are repeated, as needed for the first ten days, two or three times a day. The amount of milk is increased daily by about 100 c.c. (3½ oz.) and daily one egg is added until at the end of the first week about 800 c.c. (26 oz.) of milk and from six to eight eggs are taken daily. After six days scraped beef can be given in quantities increased from the beginning dose of 31 gm. (1 oz.) to 70 gm. (2½ oz.) the second day, and so on, the beef being stirred into the egg. Gruel, softened zwiebach, etc., may be added to the diet after two weeks, and at the end of four weeks an abundant mixed diet, avoiding coarse vegetables and other irritating substances, can be given. The bowels are kept open by enemata.

The method is described by M. Wagner (*Muench. med. Wchnschr.*, Jan. 5, 1904) and also by J. V. Haberman (*Medical Record*, June 16, 1906). This method was tested by E. Wirsing (*Archiv. f. Verdauungskrankheiten*, xi, 3), in comparison with the method of Leube, and he reaches the conclusion that it is better than the older method for patients who have had recent hemorrhages or who are much debilitated, but that the method of Leube should be given the preference in ordinary cases. Wirsing's article was reviewed in THE JOURNAL, Oct. 7, 1905, page 1122.

This form of treatment has been tested by Lambert in eight cases of a severe type (*Amer. Jour. Med. Sci.*, January, 1908, abstracted in THE JOURNAL, Feb. 8, 1908, p. 480), and he comes to the conclusion that the claims of Lenhartz are correct; that the cure is equally efficient with the older method, is more rapid and more certain, vomiting stopping more quickly and relapse occurring less frequently than in the Leube method; that pain ceases more promptly, a sufficient food supply is afforded, anemia can be treated earlier, and a return to full diet allowed sooner than in the older method.

Lambert's modifications are more fully described in THE JOURNAL, Aug. 8, 1908, p. 497. If the patient prefers he allows a mixing of the eggs and milk and feeding the mixture, instead of the usual alternation as advised by Lenhartz. He also substitutes chopped chicken for the raw ham in the treatment of Lenhartz. After the tenth day Lambert allows a broiled chop, beefsteak or chicken as a substitute for the raw beef. Later ice cream is added and zwiebach is changed to toasted bread, and other cereals take the place of rice.

## ETIOLOGY OF SCARLET FEVER

To the Editor:—Please give me references to the latest findings or research in regard to the etiology of scarlet fever.

E. B. FUNKHOUSER, M.D., Trenton, N. J.

ANSWER.—Among the more important recent articles embodying the results of investigations into the etiology of scarlet fever may be mentioned especially the following:

- Hektoen, L.: Bacteriologic Examination of the Blood During Life in Scarlet Fever with Special Reference to Streptococci. THE JOURNAL A. M. A., 1903, xi, 685.  
Weaver, George H.: Bacteriologic Studies of the Skin and Throat in Cases of Scarlatina. Tr. Chicago Path. Soc., 1903, v, 222; Agglutination of Streptococci. Especially those cultivated from Cases of Scarlatina by Human Sera. *Jour. Infect. Dis.*, 1904, i, 91; The Vitality of Bacteria from the Throats of Scarlet Fever Patients, with special reference to Streptococci. *Jour. Med. Research*, 1903, ix, 246.  
Mallory, F. B.: Scarlet Fever: Protozoan-like Bodies Found in Four Cases. *Jour. Med. Research*, 1904, x, 483.  
Jochmann, G.: Die Bakterienbefunde bei Scharlach und ihre Bedeutung für den Krankheitsprozess. *Ztschr. f. klin. Med.*, 1905, lvi, 316.  
Duval: Die Protozoen des Scharlachfiebers. *Virchow's Arch. f. path. Anat.*, 1905, clxiv, 485.  
Field, C. W.: The Presence of Certain Bodies in the Skin and Blister Fluid from Scarlet Fever and Measles. *Jour. Exper. Med.*, 1905, vii, 343.  
Ruediger, G. F.: The Streptococci from Scarlatina and Normal Throats. *Jour. Infect. Dis.*, 1906, iii, 755.  
Gabritschewsky: Ueber Streptokokkenvaccine und deren Verwendung bei der Druse der Pferde und dem Scharlach des Menschen. *Centralbl. f. Bakteriöl.*, part 1, Orig., 1906, xli, 719, 844.  
Tunnichff, R. M.: The Streptococco-opsonic Index in Scarlet Fever. *Jour. Infect. Dis.*, 1907, iv, 304.  
Hektoen, L.: Is Scarlet Fever a Streptococcus Disease? THE JOURNAL A. M. A., 1907, xlviii, 1158.  
Gabritschewsky: Ueber Streptokokkenerytheme und ihre Beziehungen zum Scharlach. *Berl. klin. Wchnschr.*, 1907, xlv, 556.

Gamaleia, N. T.: Scharlacherreger. *Berl. klin. Wchnschr.*, 1908, xlv, 1795.

Williams, A. W.: Recent Studies on Scarlet Fever, *Am. Jour. Obst.*, 1908, lviii, 152.

Schleissner, F.: Bakteriologische und serologische Untersuchungen bei Scharlach, *Wien. klin. Wchnschr.*, 1909, xxii, 553.

#### HAIR-PIN IN THE FEMALE BLADDER

*To the Editor:* The report of T. L. Hazard in THE JOURNAL, May 29, page 1759, on the case of a "Hat-Pin in the Male Urethra," prompts me to forward the following: The patient, who was referred to me by Dr. Shaw, of Junction City, Ohio, was a young, robust girl; she stated that while dressing, a hair-pin fell from her hair striking a nearby sofa, from which it rebounded into her bladder (unique explanation!). The hair-pin could be seen through the cystoscope, the loop of the pin pointing toward left wall of bladder. The accident (?) having occurred so recently, there was no incrustation and the pin was easily removed by hooking it out of the bladder with the little finger of my left hand, introduced after full dilatation of the urethra under general anesthesia.

STARLING S. WILCOX, M.D., Columbus, Ohio.

#### BILLROTH'S ANESTHESIA SOLUTION

*To the Editor:*—Your explanation of the A. C. E. mixture in THE JOURNAL, May 29, page 1775, was incorrect. The mixture was also called the 1, 2, 3 mixture:—1 part alcohol, 2 parts chloroform, 3 parts ether. W. E. SHAW, Cincinnati.

**ANSWER:** The ordinary A. C. E. mixture, so called because it is a mixture of alcohol, chloroform and ether, contains 1 part of alcohol, 2 parts of chloroform, and 3 parts of ether, as our correspondent states. The query which was answered in THE JOURNAL, May 29, referred to Billroth's anesthetic mixture, which is also an A. C. E. mixture, composed of 1 part of alcohol, 3 parts of chloroform and 1 part of ether.

#### MARTIN STAIN FOR TUBERCLE BACILLI

*To the Editor:*—Please publish in detail mode of making stains for use in the Martin-Herman Mons method of staining tubercle bacilli. A. R. SMITH, Los Angeles.

**ANSWER:** The Martin stain consists of two liquids: 1, A mordant solution consisting of a 1 per cent. solution of ammonium carbonate; 2, a stain made by dissolving 3 per cent. of crystal violet (methyl violet, 6 B.) in 95 per cent. ethyl alcohol. These solutions should be kept separately and mixed when wanted for use in the proportion of 3 parts of the mordant to one of the stain. After staining, the specimen is decolorized with 10 per cent. nitric acid in 5 per cent. ethyl alcohol. Crystal violet can be obtained by dealers in bacteriologic supplies.

#### DELAYED HEALING OF WOUNDS

*To the Editor:*—What is the reason that in some persons the healing process in cuts, abrasions, etc., is so slow? Take, for instance, the case of a man of 35, in apparent good health, who knocked off a piece of skin from the hand, one-quarter of an inch square. There was at first profuse bleeding and then an oozing of serum for from twenty-four to thirty-six hours. A crust then formed, but on motion the parts cracked, showing a seropurulent fluid beneath. After a week healing commenced and continued. The final stage was a hard corn-like scab which had to be cut like a corn and worn thin, having a smooth scar for a long time. The total time from inception to scar in the individual is from three to four weeks for even the smallest injury. Would vaccine therapy offer any hope of cure and what would be likely to help? E. W. BURR, Westport, Mass.

**ANSWER:**—The explanation lies without doubt in two factors: a lack of resisting power on the part of the general system and some local condition in the skin unfavorable to healing. The latter condition may arise from a constitutional peculiarity of the individual's skin or from irritation in consequence of poisons circulating in the blood or, lastly, from repeated local infection. Theoretically, vaccine therapy ought to re-enforce the deficient immunizing action of the blood and favor healing. The vaccine would most appropriately be made from the secretions of the unhealed wound.

## Association News

### NEW MEMBERS

List of new members of the American Medical Association for the month of May, 1909:

**ALABAMA**  
Downing, J. H., Bessemer.  
Smith, J. G., Bankston.  
Spotswood, D. J., Mobile.  
Wilkinson, H. B., Montgomery.

McVay, L. C., Marion.  
Owens, W. R., Paragould.  
Scott, E. E., Magazine.

**ARKANSAS**  
Elton, A. M., Bruno.

**CALIFORNIA**  
Bryson, C. W., Los Angeles.  
Canney, F. G., San Francisco.  
Cross, Hugh, Dunsmuir.

Dameron, J. D., Stockton.  
Doig, R. L., San Diego.  
Foster, R. L., San Diego.  
Pascoe, E. R., Los Angeles.  
Ross, R. O., Fresno.  
Steade, J. M., San Diego.  
Sylvester, Florence M., Oakland.  
Tower, A. M., Lodi.

#### COLORADO

Fantz, Theresa S., Denver.

#### CONNECTICUT

Barrett, W. J., New Haven.  
Bohannon, C. G., South Norwalk.  
Hawkes, W. W., New Haven.  
O'Flaherty, E. P., Hartford.  
Variell, A. D., Waterbury.

#### DISTRICT OF COLUMBIA

Carr, W. B., Washington.  
Ruble, W. A., Washington.  
Sowers, W. F. M., Washington.  
Stewart, J. W., Washington.

#### GEORGIA

Bridges, D. R., Dawson.  
Carter, W. N., Columbus.  
Hall, T. H., Macon.  
Kinard, J. O., Atlanta.  
Wiggins, Lee W., Dexter.

#### IDAHO

Blitz, Adolph, Boise.  
Soderquist, A. R., Idaho Falls.

#### ILLINOIS

Abelmann, H. W., Chicago.  
Beesor, B. B., Chicago.  
Berry, F. A., Chicago.  
Bobzin, R. R., Shipman.  
Christensen, A. H., Chicago.  
Duncan, Adelaide, Chicago.  
Ford, Charles, Waggoner.  
Fuller, E. M., Chicago.  
Gilmore, W. H., Mt. Vernon.  
Graham, E. A., Chicago.  
Halperin, George, Chicago.  
Heely, O. J., St. Libory.  
Klein, Sidney, Chicago.  
Klopper, Zan D., Chicago.  
Knapp, W. H., Chicago.  
Kaufmann, G. L., Chicago.  
Lachaine, Edmond, Chicago.  
Lambert, O. B., Chicago.  
Lentz, Nathan, Chicago.  
Lewin, Solomon, Chicago.  
Lowell, A. D., Chicago.  
McLaughlin, A. H., Aurora.  
Murray, W. G., Springfield.  
Oliver, N. E., Thornton.  
Pollock, D. K., Little York.  
Potter, H. E., Chicago.  
Richards, R. G., St. Davids.  
Scott, O. F., Summit.  
Sheldon, A. R., Highland Park.  
Summers, A. T., Mattoon.  
Trauseau, Gertrude H., Charleston.

#### INDIANA

Baer, S. W., South Bend.  
Engle, Walter C., Indianapolis.  
Hirshfield, A. C., Indianapolis.  
Hutcheson, W. R., Greencastle.  
Michie, Mary H., Vincennes.  
Reavis, W. J., Evansville.  
Shanklin, V. A., West Terre Haute.  
Stallings, F. L., Posey Co.  
Stephenson, C. E., Indianapolis.  
Sudranski, Charles, Greencastle.

#### IOWA

Bennett, G. J., Denver.  
Best, E. E., Clarion.  
Bos, C. N., Pella.  
Brackney, H. J., Sheldon.  
Bryant, A. J., Blairstown.  
Chamberlain, B. H., Wyoming.  
Coe, P. W., State Center.  
Cross, G. B., Plainfield.  
Dunshie, J. D., Woodburn.  
Gillmor, B. F., Red Oak.  
Grant, A. F., Taylor Co.  
Keith, W. E., Lost Nation.  
King, J. E., Anamosa.  
Klinefelter, L. E., Rockford.  
Lass, D. G., Ocheyedon.  
Leech, L. J., West Branch.  
McLean, J. W., Fayette.  
Miller, W. B., Centerville.  
Moerke, A. C., Burlington.  
Mulnix, J. A., Dows.  
Pelletier, D. H., New Hartford.  
Peppers, J. L., Goldfield.  
St. Clair, F. E. E., Hampton.  
Seabloom, J. L., Red Oak.  
Smith, J. C., Woolstock.  
Stevens, F. A., Belmont.  
Tompkins, E. D., Clarion.

#### KANSAS

Carpenter, C. R., Leavenworth.  
Carr, W. A., Junction City.  
Dildine, A. R., Portland.  
Hill, J. N., Osawatomie.  
Longacre, C. E., Westphalia.  
Mayfield, Claud, Hutchinson.  
Wickersham, E. C., Independence.  
Wortman, J. G., Mound City.

#### KENTUCKY

Biggers, J. A., Louisville.  
Coleman, W. H., Louisville.  
Cook, C. J., Belmont.  
Dunn, J. H., Lee City.  
Ellis, J. W., Masonville.  
Grant, W. E., Louisville.  
Hayden, J. V., Salem.  
Keffer, Smithfield, Clintonville.  
Kieffer, F. L., Covington.  
Markwell, Chas., Versailles.  
Onderdonk, W. A., Louisville.  
Popham, A. E., Unlontown.  
Ridley, J. U., Robards.  
Ruble, H. M., Louisville.  
White, J. G., Cerulean.  
Whitis, Mack, Benge.  
Wilson, D. S., Louisville.

#### LOUISIANA

Chalaron, F. J., New Orleans.  
Morey, J. C., Centerville.  
Robert, J. J. Jr., Norwood.

#### MARYLAND

Beitler, F. V., Halethorp.  
Benner, C. M., Taneytown.  
Chambers, G. F., Lusby.  
Conradi, F. A., Baltimore.  
Diller, C. H., Detour.  
Forster, A. M., Towson.  
Galloway, G. F., Federalsburg.  
Geroghty, J. T., Baltimore.  
Haynes, H. H., Baltimore.  
Hoag, J. Morley, Baltimore.  
Hoff, D. E., Hagerstown.  
Johnson, T. B., Frederick.  
Johnston, E. H., Baltimore.  
Maynard, S. S., Frederick.  
Nice, J. A., Lisbon.  
DeNoonley, T. E., Frostburg.  
Sappington, C. T., Frederick.  
Seiss, F. H., Taneytown.  
Webster, J. B., Raspeburg.  
White, W. W., Baltimore.  
Zepp, H. E., Baltimore.

#### MASSACHUSETTS

Beaulien, E. J., Whitman.  
Holden, W. D., Haverhill.  
Hollings, Byam, Winthrop.  
Jones, J. A., Lynn.  
Hurly, E. D., South Boston.  
Keegan, C. A., Arlington.  
Kinnicut, Roger, Worcester.  
MacDonald, W. C., Malden.  
McDaffrey, C. F., Somerville.  
Murphy, Anna F., Worcester.  
Smith, Myrtle, Worcester.  
Smith, R. M., Boston.  
Sobotky, Irving, Boston.  
Stephens, F. N., Somerville.  
Sullivan, J. T., Boston.  
Winslow, B. S., New Bedford.

#### MICHIGAN

Bauch, G. F., Lansing.  
Bliss, G. L., Three Rivers.  
Braley, F. W., Saranac.  
Crane, C. V., Tawas City.  
Gustin, J. W., Bay City.  
Hotvedt, I. M. J., Muskegon.  
Kinsey, F. C., Three Rivers.  
McComb, E. V., Menominee.  
Munro, D. D., Kinde.  
Rutledge, J. C., Detroit.  
Sherman, A. T., Detroit.  
Trumble, G. W., Bay City.  
van Urk, Thomas, Kalamazoo.  
Van Zwaluwenburg, J. G., Ann Arbor.

#### MINNESOTA

Benson, O. O., Sacred Heart.  
Christiansen, Jas., Alden.  
Dohm, A. J., St. Paul.  
Durgin, F. L., Winnebago.  
Jellison, E. R., Foley.  
Kohler, G. A., Minneapolis.  
McDermott, T. E., Minneapolis.  
Miller, V. I., Westbrook.  
Moen, J. K., Minneapolis.  
Smith, M. W., Red Wing.  
Stone, J. L., Minneapolis.  
Voyer, E. O., Minneapolis.

#### MISSISSIPPI

Coleman, O. G., Coffeerville.  
Cryer, W. H., Columbus.  
Stephens, G. W., Meridian.  
Weeks, W. H., Dadds ville.