

APPOXY.

BY A WELL-KNOWN MEDICAL AUTHOR.

CONTENTS:—The Rationale—Exciting Causes—Predisposing Causes—Special Causes—Theory of Congestion—Mental Effect—Practical Considerations—Diet—Sleep—Treatment.

Almost every day in the year we read, in the daily papers, of some persons dying suddenly, without prior indisposition, or even the least promontion of any serious ailment. In many cases these persons were of vigorous constitutions, in the prime of life, unaccustomed to sickness, and, so far as they were conscious, in the enjoyment of their usual measure of health up to the moment of "attack." And these cases, like dyspepsia and consumption, seem to be on the increase in frequency and fatality among us. Hon. Henry J. Raymond, of New York, and Rev. Patrick Henry Greenleaf, of Brooklyn, are among the more distinguished names of the recent victims. Why did they die so suddenly and unexpectedly?

THE RATIONALE.

In most cases these persons die of apoplexy. What is apoplexy? Simply, congestion of the brain. And what is congestion of the brain? Nothing more nor less than an inordinate and disproportionate accumulation of blood in the vessels of that organ. In other words, the immediate cause of death is that condition of the blood-vessels of the brain which in medical parlance is termed "engorgement."

It is not difficult to understand the rationale of a variety of morbid conditions—which are recognized in the Nosology as distinct diseases—whose proximate cause is over distention of the blood-vessels of the brain. "Sunstroke" is a familiar example. This is an apoplectic condition caused by excessive heat. The delirium of fever is owing to a determination of blood to the brain. "Congestive fever" is a merely ordinary fever with a disproportionate quantity of blood in the brain, occasioning symptoms somewhat analogous to those of apoplexy. In cholera there is so strong a determination of fluids to the bowels, and such a drain of serum from the blood, that the brain is not engorged; consequently there is but little disturbance of the mental functions, the mind usually remaining clear, even in the stage of collapse. This is precisely opposite to the condition induced by alcohol, tobacco, opium, and similar drugs. These occasion in small doses, slight delirium; in larger doses, a greater degree of delirium; and in very large doses, stupor and insensibility—real apoplexy. These various effects, as well as those states of oppressed cerebral circulation termed coma, lethargy, anæsthesia, etc., whether induced by chloroform, ether, nitrous oxide, or the pure narcotics, are all attributable to various degrees of congestion of the brain. If the vessels of the brain are distended beyond a certain point, the pressure on the brain substance interrupts the transmission of nervous force to the muscles, all vital activity ceases, and death is instantaneous—as much so when an electric flash from a Leyden jar, or from the surcharged storm-cloud, disorganizes the nerve-tissue and causes instant death.

The functions of the mental organs—feeling and thinking—and the nutrition of the brain-material, can only be performed with certain limitations as to quantity of blood in the brain. If the blood be supplied in due quantity and of proper quality to the brain, all of its mental and vital operations go on normally and harmoniously. If the quantity be gradually diminished below the normal standard, the mind becomes feeble, apathetic, demented, idiotic. If the blood be suddenly and rapidly abstracted from the brain or diverted to the other parts of the body, syncope or fainting is the result. If the blood be abstracted from the system very slowly, as in certain cases of hemorrhage, the superficial capillaries become measurably emptied, and the whole current of blood, while going its ceaseless round and passing through the heart and lungs once in three minutes, is pressed in upon the internal viscera, and more especially upon the brain, occasioning that pathological condition of disturbed circulation termed "rush of blood to the head." If the quantity of blood in the brain be unduly and gradually increased, torpor, coma, cephalalgia, stupor, etc., are the evidences. But if it be very suddenly and rapidly increased to a great extent, apoplexy is the consequence. Various forms and degrees of mental hallucination, delirium, insanity, monomania, etc., depend, for their proximate cause, on the relative amount of blood which occupies the vessels of the brain.

(To be continued.)

The Bishop of Wartsburg once asked a sprightly shepherd boy, "What are you doing here, my lad?" "Tending swine," "How much do you get?" "One florin a week," "I also, am a shepherd," continued the Bishop, "but I have a much better salary." "That may be; but then I suppose you have more swine under your care," innocently replied the boy.

STATEMENT BLANKS

OWNERS OF TOWN LOTS Under the U. S. Government Survey

WE have for sale, cheap, at the DESERET NEWS OFFICE Statement Blanks suitable for filing before Judges of Probate Courts by the owners of Town Lots, where the Town Sites have been entered at the U. S. Land Office. All orders filled promptly.

FOR AN APPELIZER USE Red Jacket Bitters

CHICAGO TRADE.

PHILIP WADSWORTH & CO.

Importers and Jobbers of

CLOTHING,

AND

Gentlemen's Furnishing Goods.

34 & 36 LAKE ST.

Chicago, Ill.

Philip Wadsworth, Gilbert R. Smith, E. B. W. Locke.

KEITH BROTHERS,

CHICAGO.

Manufacturers, Importers & Jobbers in

MILLINERY and STRAW GOODS,

HATS, CAPS,

FURS,

BUCK GOODS,

UMBRELLAS.

OUR STOCK is the largest and most complete of any in our line in this country. Buyers who have formerly bought at the East are guaranteed the same or better terms than they have obtained there. We import direct from the manufacturers in Europe our

RIBBONS, SILKS, SATINS, FLOWERS, TISSUES, CHAPES, PATTERN BONNETS, &c.

And can, therefore, sell at Importing Package House Prices.

All orders will receive prompt attention, and goods in variety selected at pleasure.

FAIRBANK, PECK & CO.

No. 14, La Salle Street,

CHICAGO, ILLINOIS

PACKERS OF

PURE LARD

EXTRA LARD OIL

FOR LUBRICATING,

EXPERIMENT FOR

PURE NEATSFOOT OIL.

Special attention given to orders from UTAH

JOHN V. FARWELL & CO.

WHOLESALE

DRY GOODS,

NOTIONS,

AND

WOOLENS,

42, 44 and 46 Wabash Avenue,

CHICAGO.

Keep the LARGEST STOCK IN THE NORTHWEST. We invite the inspection of our stock, and we guarantee CHEAPER PRICES than be found elsewhere in the Northwest.

John V. Farwell, William D. Farwell, Charles B. Farwell, John K. Harmon, Benjamin F. Ray.

Fitch, Williams & Co.

WHOLESALE DEALERS IN

HATS, CAPS, FURS,

STRAW GOODS,

BUCKSKIN GOODS, &c.

33 and 35 Lake Street,

CHICAGO.

Cor. of Wabash Avenue,

CHICAGO.

33 and 35 Lake Street,

CHICAGO.

Cor. of Wabash Avenue,

CHICAGO.

33 and 35 Lake Street,

CHICAGO.

Cor. of Wabash Avenue,

CHICAGO.

33 and 35 Lake Street,

CHICAGO.

Cor. of Wabash Avenue,

CHICAGO.

33 and 35 Lake Street,

CHICAGO.

Cor. of Wabash Avenue,

CHICAGO.

33 and 35 Lake Street,

CHICAGO.

CHICAGO TRADE.

SEYMOUR, CARTER & CO.

Importers and Jobbers of

Hosiery, Gloves, WHITE GOODS, NOTIONS, &c.

22 Lake Street, CHICAGO, Ill.

N. Y. Office, 13 Chambers Street.

Jobbers Supplied at Eastern Prices.

Thomas H. Seymour, James Twamley, Thomas B. Carter, Thomas H. Dossan.

CHASE, HANFORD & CO.

Headquarters for

Oils, Paints, Window Glass

White Lead and Axle Grease.

179, South Water Street, CHICAGO, Ill.

731-17

AUSTIN & BOAL,

Manufacturers and Manufacturing Agents of

STOVES.

221 & 223 SOUTH WATER STREET,

CHICAGO, ILL.

Foundries at Albany, Troy and Rochester, N. Y.

THE OLIVE BRANCH STOVE.

Represented above is a first-class Stove for either WOOD or COAL. It has no superior for economy in Wood or Coal. First Premium at Ill. and N. Y. State Exhibitions.

As we represent four large Eastern Foundries, our stock and variety exceeds any other Establishment East or West. Our styles embrace all modern improvements.

Also Manufacturing Agents and Jobbers in Forks, Hoe Shovels, Spades, Rakes, Scythes, Shovels, CHISEL and WIRE Mills, Corn Shellers and Farm Tools generally.

Hats, Spokes, Felles, finished and unfinished Wood staves, Axle Shafts, Springs, &c.

Pumps, HYDRAULIC RAMS, Lead and IRON WATER PIPE, Sad Irons, Grindstone Fixtures, Door Hangers and Heavy Hardware generally.

HALL'S PATENT

Fire and Burglar Proof

SAFES

"VICTOR" COMBINATION LOCKS,

Vaults and Vault Fronts

Always on hand and made to order.

Sole Manufacturers of the celebrated

HALL'S patent 'CONCRETE' SAFES

Which have stood the test of nineteen years without a single failure.

All the latest improvements in Burglar Proof Work, including the DOVE-TAILED Work, acknowledged by all competent judges to be the most perfect safeguard against burglars now extant.

Not one of our Burglar Proof Safes has ever been robbed of a SINGLE DOLLAR by burglars or violence.

Call and examine our large stock, or send for Circulars and prices.

Hall's Safe and Lock Co.,

93 DEARBORN STREET,

CHICAGO, ILLINOIS.

WHOLESALE

PAPER WAREHOUSE

LAFLIN, BUTLER & CO.

42 and 44 STATE STREET,

CHICAGO,

Manufacturers and Dealers in

Print Papers, Fine Ruled Papers, Book Papers, Flat Printers Papers, Colored Papers, Bond Papers, Druggist Papers, Card Boards, Manila Papers, Straw Boards, Wrapping Papers, Tar Boards, Tissue Papers, Paper Bags, Music Papers, Twine, Envelopes, &c., &c.

We can supply any style of Goods in our Line on short notice. We also keep a good supply of Paper Makers' Chemicals.

SANDS

ALE BREWING COMPANY.

Brokers of

India Pale Ale, Stock Ale, PORTER AND LAGER BEER,

Corner of Pearson and Pine Streets,

CHICAGO, ILL.

423-17

Fred. A. Wheeler, Sec'y.

CHAS. S. HAMMER,

Manager.

Branch Office at Salt Lake City,

Will be open by September 20th.

Ladies are invited to call and examine our Machines, whether designing to purchase or not.

CHAS. S. HAMMER,

Manager.

Branch Office at Salt Lake City,

Will be open by September 20th.

Ladies are invited to call and examine our Machines, whether designing to purchase or not.

CHAS. S. HAMMER,

OMAHA TRADE.

HURFORD, LENNER & CO.

Wholesale Dealers in

Hardware, Iron, Cutlery, Halls, Mines' Supplies and AGRICULTURAL IMPLEMENTS.

Proprietors of the

WESTERN DEPOTS,

ST. LOUIS, MO., and OMAHA, NEBRASKA.

FOR THE

PITTSBURG, WHITE LEAD & COLOR WORKS.

ESTABLISHED 1835.

THE BEST IN USE.

Manufacturers and Jobbers in

White Lead, Colors, Varnishes,

CHAS. BRUSHES, WINDOW GLASS,

Mineral and Cottage Paints, Putty, Etc.

Special Brands of Lead

Made for the Trade at Factory Prices.

N.B.—We would call special attention of the Trade to our Brands of HURFORD, SWEET & CO.'S and BANNER LEADS, which we guarantee to be equal to any Lead in the Market, and our long experience as colorers, and acquaintance with the manufacture of our line of goods, enables us to give special inducements to our customers.

Being manufacturers of our own Lead and Colors, we can supply them from St. Louis, or Omaha, Neb., at Factory Prices by addressing us at Omaha.

E. SHOEBRIDGE & SON

Are our Agents in Salt Lake City, through whom we will be pleased to receive orders.

G. H. & J. S. COLLINS,

Dealers in

Leather, Saddlery,

HARNESS, WAGONS

AND

BOOTS & SHOES.

234 Douglas & 236 Farnam St.

OMAHA, NEB.

FRESH OYSTERS!

H. L. LA EY respectfully informs the citizens of Utah Territory that he is now prepared to fill all orders for

Fresh Baltimore Oysters,

Steam Manufactured CANNED,

And all kinds of

CONFECTIONERY, CRACKERS, &c.

At the Lowest Wholesale Rates.

All orders promptly filled.

Refers to J. H. LA EY, with W. S. Godbe.

Address H. L. LA EY,

Cor. of Douglas and 12th Streets,

OMAHA, NEB.

MILLS & McALLISTER,

Wholesale and Retail Dealers in

MEN'S & BOY'S CLOTHING,

And

Gentlemen's Furnishing Goods,

229 DOUGLAS ST., OMAHA, NEB.

WOLCOTT & CO.,

Wholesale Dealers in

Paints, Brushes, Varnishes

Window Glass,

And all articles used by

PAINTERS & GLAZIERS

Also,

OILS of all kinds, COAL OIL

In Barrels and Safety Cans.

ROSIN, TAR, Etc.

Which we offer to the Trade at New York and Chicago and St. Louis prices, Freight added.

WE are also the only Western Agents of the SMITH & RAND POWDER COMPANY, and keep constantly on hand a full assortment of their celebrated

ORANGE SPORTING POWDER.

And all Grades of BLASTING POWDER and FUSE.

229 Farnham St. Omaha.

DON'T BUY A

SEWING MACHINE

Until you have examined the

FLORENCE

WHILE a large number of Sewing Machines have been offered to the public, some of which possess points of excellence and acknowledged merit, we have long felt the necessity of a machine more perfect in its mechanical structure, combining in the highest degree simplicity with durability, which, while capable of doing a greater range of work, is so easily understood that a child can operate them.

Discarding the chain stitch of the Grover & Baker, so easily raveled, and subject to wearing out, on account of cord on the under side, we adapt the lock stitch on both sides of the fabric, and have added the foot, double knot, and double lock, thus sutting every range of fabric.

CHICAGO TRADE.

Condict, Woolley & Co.,

52 LAKE ST.,

CHICAGO, ILL.

SADDLERY HARDWARE

HARNESS LEATHER

Sole Manufacturers

Pat. Rubber Lined Collars

DAVID M. FORD,

IRON AND BRASS FOUNDRY,

AND MACHINE SHOPS,

Manufacturer and Dealer in

Wrought and Cast Iron Pipe and Fittings, Castings, Brass Castings, Babbitt Metal, &c.

PATENT SHINGLE, STAVE AND BARREL MACHINERY,

And PORTABLE SAW MILLS,

Soda & Mineral Water Apparatus, &c.,

AGENT FOR

Cincinnati Saw Works, Lee & Leavitt's Saw Mills, Dimpfel's Fan Blowers, American Meter Company, Condit's Patent Steam Pumps, Schaeffer & Budenburg's and Ashcroft's Steam Gauges, and other manufactures.

My SHINGLE MACHINE has a capacity of from two to four thousand Pine Shingles per hour, which sell in the Chicago Lumber Market at 15 to 20 cents per M higher than the best shaved shingles.

FACTORY—50 to 52 West Washington Street and 41 Clinton Street,

CHICAGO.

M. GRAFF & CO.,