

# SKELETON PROGRAMME.

# TUESDAY, APRIL 25.

- 8 P. M.—Formal opening by the Hon. Lloyd Lowndes, Governor of the State of Maryland.
  - Address by Prof. S. C. Chew, President of the Faculty.
- 9.30 P. M.-Reception by the Faculty.

# WEDNESDAY, APRIL 26.

# College of Physicians and Surgeons.

10 A. M.—Demonstrations (Pathological Laboratory of the Johns Hopkins University).

# BALTIMORE UNIVERSITY.

- 10 A. M.-Medical Clinic.
- II A. M.-Surgical Clinic.
- 12 M.-Gynecological Clinic.
- 12 M.-Eye and Ear Clinic.

# JOHNS HOPKINS HOSPITAL.

- 10 A. M.-Medical Clinic.
- 10.30 A. M.-Demonstrations.
- 11 A. M.—Surgical Clinic.
- II A. M.-Pathological Demonstrations.
- 12 M.-Gynecological Clinic.
- 1.30 P. M.-Luncheon.

### McCoy Hall.

- 3 P. M.—Scientific Meeting. Papers by: Dr. Herman Knapp: Ophthalmology. Dr. E. H. Bradford: The Human Gait. Dr. George Ben Johnston: Myomectomy. Dr. W. W. Johnston: J. Hughes Bennett. Dr. Samuel Alexander: Vesical Calculus.
  8 P. M.—Annual Oration, Prof. W. W. Keen.
- 9.30 P. M.-Private Receptions.

# THURSDAY, APRIL 27.

# UNIVERSITY OF MARYLAND.

- 10 A. M.-Surgical Clinic.
- II A. M .- Medical Clinic.
- II A. M.-Surgical Demonstrations.
- 12 M.-Electrical Demonstrations.
- 12 M.-Bacteriological Methods.

# BALTIMORE MEDICAL COLLEGE.

- IO tO II A. M.
  - (a) Exhibition of Pathological Specimens:
  - (b) Bacteria in Cultures;
- (c) Demonstrations in Clinical Laboratory. 11 to 11.30 A. M.
  - (a) Demonstrations in Clinical Laboratory;
  - (b) Exhibition of New Instruments.
- 11.30 to I P. M.-Surgical Clinics.

### WOMAN'S MEDICAL COLLEGE.

Buildings and Laboratories open for inspection.

- MARYLAND MEDICAL COLLEGE OF BALTI-MORE.
- 10 A. M.-Inspection of Laboratories, etc.
- 11 to 12 A. M.—General Medical Clinics.
- 12 to I P. M.—Surgical Clinic.
- 1.30 P. M.-Luncheon.

### McCoy Hall.

3 P. M.—Scientific Meetings. Papers by: Dr. E. G. Janeway: Heart Disease. Dr. A. Jacobi: European Medicine, 1799. Dr. H. C. Wood: Nostrums. Dr. Roswell Park: Cancer. Dr. J. C. Edgar: Obstetric Teaching.

7 P. M.—Annual Dinner of the Faculty.

# FRIDAY, APRIL 28.

Hospital for the Relief of Crippled and Deformed Children.

- 10 A. M.—Demonstrations.
- I P. M.—Luncheon and Reception by the Trustees of the Sheppard and Enoch Pratt Hospital, Towson, at 1.30.
- 8 P. M.—Business Meeting in the Hall of the Faculty.

### SPECIAL EXHIBITS.

In the corridors of McCoy Hall and in the Donovan Room of Portraits, Relics, etc.

Exhibit of the manufacturing chemists and publishing firms, basement of McCoy Hall.

# ACKNOWLEDGMENTS

To Dr. EUGENE F. CORDELL, in the preparation of the Historical Sketch. To the various COMMITTEES of the Centennial Anniversary for courtesies extended. To the LIBRARIANS of the MEDICAL and CHIRUR-GICAL FACULTY and MARYLAND HISTORICAL SOCIETY for valuable data. To the OWNERS of valuable portraits and other historic relics for permission to photograph. To the AMERICAN VIEW COMPANY for photographic work. To the BALTIMORE ENGRAVING COMPANY for half-tone reproductions. To FLEET, MCGINLEY & Co., printers. To J. F. SCHULZ for cover page design. To our ADVERTISING PATRONS who have kindly relinquished their usual space in the make up of this number.

The co-operation of all these has made possible this Souvenir number of the MARYLAND MEDICAL JOURNAL, which we respectfully submit as a contribution to the medical history of the State of Maryland.

THE MEDICAL JOURNAL CO., HORACE M. SIMMONS, M.D., Manager.

# MARYLAND MEDICAL JOURNAL

A Weekly Journal of Medicine and Surgery.

Vol. XLI.-No. 17.

BALTIMORE, APRIL 29, 1899.

Whole No. 944

# A BRIEF SKETCH OF THE MEDICAL AND CHIRURGICAL FACULTY OF MARYLAND, 1799–1899.

PRIOR to the founding of the Medical and Chirurgical Faculty of Maryland in 1799 there was, so far as we can ascertain, but one attempt ever made at society organization by the physicians of this State. of which Dr. Charles Frederick Wiesenthal became president, and Dr. Frederick Dalcho, secretary. The object of the founders appears to have been principally the suppression of quackery, which at



Engraved from drawing in possession of Maryland Historical Society. BALTIMORE CITY IN 1799. East view of Baltimore at the founding of the Medical and Chirurgical Faculty of Maryland. Drawn by G. Beck of Philadelphia. Engraved by Cartwright, London.

In the year 1788, as the result of agitation, traces of which appear in the newspapers for several years previous to that date, the physicians of Baltimore and vicinity met and founded an association, that time prevailed without check throughout the country. They embraced the entire State in the plan of their operations, which in its features strikingly resembled that of the charter of the Medical and Chirurgical Faculty. Dr. Wiesenthal was well calculated to be the leader in such a movement. Born and educated in Germany, he had emigrated to America in 1755, settling in Baltimore, where his eminent talents, his rare professional acquirements and his high character soon placed him at the head of the profession of this section. Unfortunately he died within six months, whereupon discord arose among the members and the society was dissolved. An attempt was made at this time to engraft upon the society a medical college, but the latter shared a like fate, although some courses of lectures were delivered by Drs. George Buchanan and Andrew Wiesenthal (the latter a son of the one already mentioned), who settled in Baltimore about the middle of 1799, fresh from the halls of Edinburgh and ambitious for the distinction of professorship and public office.

Although this effort proved abortive, the seed had been sown, and it continued to germinate in the minds of the profession during the succeeding decade, until it ripened into the charter of the Medical and Chirurgical Faculty passed by the legislature of the State at its November session, 1798. The act, which received the signature of the governor on the 20th January, 1799, and thereby became a law of the land, was not passed without opposition. It would be interesting to know the details connected with its authorship and passage, to pry into the offices of the old doctors as they conferred together over this document of such far-reaching significance to them and their successors, to know who were those who labored for its adoption and what was said and done upon the occasion. But these, as well as many other events connected with those early days, are hidden from us forever, and we can only picture them to ourselves in imagination.

The objects of the charter are succinctly outlined in the preamble, which reads as follows:

"Whereas, It appears to the general assembly of Maryland that the establishment and incorporation of a Medical and Chirurgical Faculty or Society of Physicians and Surgeons in the said State will be attended with the most beneficial and salutary consequences by promoting and disseminating medical and chirurgical knowledge throughout the State, and may in future prevent the citizens thereof from risking their lives in the hands of ignorant practitioners or pretenders to the healing art; therefore," etc. And again : "Such purposes as they may adjudge most conducive to the promoting and disseminating medical and surgical knowledge or to alleviating the calamities and miseries of their fellow-citizens."

What more noble object could any body of men contemplate and propose to themselves than that embodied in the foregoing words! What nobler destiny could those grand old forefathers of ours assign to us than this—the care and protection of the health and lives of our fellow-citizens! May we in our day and generation prove worthy of such a trust and transmit it to our successors without a blot or blemish!

Among the provisions of the charter are the appointment of a "Medical Board of Examiners" for the examination and license of those desiring to practice in the State, seven of whom shall be residents of the Western and five of the Eastern Shore, \$10 being paid for every such license; that no person shall hereafter be allowed to practice in the State without such license under penalty of \$50 for each offense; the usual authority is granted to make by-laws, seal, etc., and, finally, perpetuity is given to the institution by declaring it "one community, cor-poration and body politic forever." The names of 101 physicians, representing each of the nineteen counties into which the State was then divided and the cities of Baltimore and Annapolis, are named as founders, with authority to transmit membership to others, thus providing for due succession. The names of these founders, arranged alphabetically, are as follows:

Alexander, Ashton, Baltimore.

Anderson, James, Montgomery county.

Anderson, James Moat, Jr., Kent county.

Archer, John, Harford county.

Archer, Thomas, Harford county.

Baker, William, Prince George's county.

o this wheel a combiwheels are connected, e a hand round a graduat-miles, and the 5th once in e diffance is fhewn by the

The whole of the ma-per and b-als, will wrigh per and b-a(s, will weigh may run any convenient counting to the length of rowed, as from years of the fea i and the ey-inal crufs currents. Tr in a often is the courfe ringeflich. If the vef-nuques the difference nuques the difference nuques the difference ints winding up. It has ints winding up, Ichas elphia to this place, and curacy, as was certified

ed machine is not at all and being well made, thour repairing." rose of feeing the ma-by calling at the baufg Murray fixed, morth-

that we have had LVIN GOULD'S New our veffel from Phiobserved its marian in and under Swift and to purform with great reumflance which al.

MARBLE . MARUCE apiain and Material

June 2 alwers of the legilla-clout tour of Virginia or to Virginia patied ; that to Kentucky counsil; in the house re two hays, viz. Mr. c, and Mr. Ebenezer

the flate of Connibi-rd, on the fecond De 1799 for having communiy relations of the in Nevember 1793, s of the general go-transmited by the the faid refbhilions

Tresfurer.

Manin's Marine

p: to form's combil he loveral flates for roling the measures to the duties of the the exilience of our to the principles of ie improficions, this that a spirit should y flare, capable of now under confited to fubvert the e difford and anarmitted a deside on

AMI'I WYLLYS, fec'ry. JOHN ALLEN. Jureis, 'go. The American. rod 410 Strayed or Stolen, Strayed or Moleca. From the common on 5.175 Point, on Situady the Bin writing, a characteristic and Bin writing, a characteristic and the state of the state of the state trastless on her tigen they had her home, her becken when neck, whenever hirly her home, that receive Five Dollar result, and trastonation that receive Five Dollar result, and trastonation that receive Five Dollar result, and trastonation that receive Five Dollar Results of the state that results of the state of the state that results of the state of the state AD M BREITENDDER. For Tuefday, June 11, 1799. and a contraction and the contraction Yeflerday an Ordinance paffed the city Coun-til, to allow Theatrical performantes in this si-ty until the 6th July next. Yeflerday the fhip Perfeverance, capt. Nor-man es days from Calie; came within the Form, but accidentally ran upon the middle growth which prevented her getting up-at the state of our boarding her, the people were for output ingaged, that we could not obtain her. The Birmingham, Wilton, of Baltimore, are wired at Calie, from London; a few days be-fore the Perference stud. AD M BREITENODER. Bond Street, Fell's Point, June 11. 1 For Survey and the short states of the source of the short for burrels, in complete order, and ready to take the mediately. in a cargo insmediately. ISAAC CAUSTEN. L THRPE Lots of ground on the call fide, of Ann Street, between George and Lancaler Streets, The terms will be mide known by applying to the fulforther at Mr. Thomas De-witts, at stay time between this and Saturday. JOHN LONG. Lung the definition of the start of the start data The Paris, Ragulan and Milan accounts of and taris, scigotan and Milan account of Buomparte are very interciling. They fay that a Torkills and Ruffian expedition again Alexandria has been defined, that Gata, on the coal of Syrka, two bundred miles from A-lowandria has been rebeat by a decomposed of resentis, has been the build in the from of roposs French and 10,000 Arabs, that another 10)003 preservation and 10,000 Arasis, that another Egyptian Bey has been completely routed, and aline Buoisparte's army has reached *Jorafatm*. Part of these seconds Bouid be shoughest falle. The dignity of buman nature is likely no be re-califerated in the flavish regions of Aliatic Tur-tion. Who are nearly high research the layer JA: 1 Ifaac Cauften, No. 59, South fleet, Baltimore, Max for Sale, 40,000 wt. Collee, 100 Pipes Catalona Brady. 15 Pipes Cogniae Brandy, of the first quality. A quantity of excellent duble Giouceflee Cheefe, and London Porter, with a gc.e-ral affortment of GROCERIES. ALS O. key. Who can regret fuch an event that loves At a meeting of the medical and chirurgi al fais increased or the memoral and chirurgi al la-custry of the Bate of Maryland, begun and held at the city of Annapolit, on Monday the glidary of Jane, in conformity to an aft of the General Aliembity of the flate of Maryland, afted as the late of Maryland. A L S.O. 150 Britift Mulkets, wild bayostis com plote. ented a their lak felion, enuited an act for establishing and incorporating a medical and claringeal Faculty or Society, for the flate June 10. '99. FOR SALE, FOR SALE, Ma wirry reduced price. At a wirry reduced price. A VAIDAL Extonyl of this inhore Inda, can-ching two to unally of this inhore. Inda, can-ching two to unally of this inhore. Indo, can more than hir mits from fer- win, and between two single trees, and force wills a price, where veflex to one hundred and fifty toos burthen, each ble as ancher within a fer wills a lafty growth the astrong of the schedule of the land, with boarable astrong the schedule of the land, with a flarge Pine, the Oschedule of the land, work and the purpoise of hir building. Plank, Schuling, Boards, de. Me. The bear of all incombrance, each with be dapadied of by the proprietors, under a full warrang of hirds is cold. Schule of a schule of the arrange of this is for CASM, or in geomage for East at Mala dada dada. Por Rither price of Mala schule of the of Maryland. Doctor Upton Scotl, of Annapolis, was cho-fen Preident of the Faculty. Doctor differen alexander, of Baltimore, Secretary, and Defint John Thomas Shaaff, of Annapolis, The following gentlemen were chofen as a medical board of examiners. . For the Weftern Shore. Doftors John Farnham, of Charles Connty; Phillis Thomas of Fredericktown; John Tho-mas Dataff, Anaspoli; Afiton Alexander, Bal-timore Richard I. Direket, Prince Ceatge's County; William Essents Jun do; John Ar-cher, Ienios, Hactord county; For the Kaftern Shore. e Wen-India Choode. For further particulars cuquies of FR ANOLS DE BLOK. Baltomore, Tupe rath, 39. FOR SALE, 20 000 wts Coffice. ] entitled to hao pieces Rollin finceing. J drawback. Enguire of FRANCIS DULB MIX, or 3 B A ALLECKE North Cay Street, No, 4, Intely Duy N'S Wharf, June to, '92. Doctors James Anderlan, Icaior, Kent County; ty; James Davidon, Queen Aou's County; Ennalls Martin, Tathon County; Perry R. Noel, do.; Stephen Theodore Johnfon, do. AND TRIVAT Freight Wanted. ABOUT 130 hhus. TOBACCO, wit be reter on freight, to be thipped in the Patomack, on board an American flig, hound is Dearbor. For part culter enquire of the fublicither at Bilimore, o to Bich-Married on the gih inftant, by the Rev. Mr. Richards, Mr. JOHN JANES, to Mili JANE TAYLOR, boin of this city. . Jacours in a little state of the second enquire of the fabier loss. ard Jobus at George-Town. FRANCOIS DE BLOK. Fist

Engraved from copy of American on file at rooms of Maryland Historical Society. FIRST MEETING AND ORGANIZATION.

Fac-simile of newspaper account of the first Faculty meeting at Annapolis, June 3, 1799, and pub-lished June 11, in the Maryland Journal and Baltimore Advertiser.

### RECORD OF THE FIRST MEETING. [From the Federal Gazette, Saturday, June 15th.]

At a general meeting of the Medical and Chirurgical Faculty of Maryland, convened at the city of Annapolis on the first Monday in June, 1799:

*Ordered*, that the secretary have published in some of the most public newspapers of the State of Maryland an abstract of the proceedings of this meeting, so far as relates to the appointment of the officers of the Faculty; the Medical Board of Examiners for each Shore, and such of the by-laws, rules and regulations as relate to the time and places of meeting of the State Boards of Examination, with the time and places appointed for the general meeting of the Faculty.

I. The Faculty shall convene at the city of Annapolis, the first Monday in June, eighteen hundred and one, and every second year thereafter.

4. The Board of Examiners for each Shore shall, and they are hereby directed, to meet annually. The Board of Examination for the Western Shore shall meet at the city of Annapolis the first Monday in June, and the Board for the Eastern Shore at the town of Easton the second Monday in April, annually, for the purpose of examining and granting certificates to applicants who are desirous to practice medicine and surgery within this State. Any two members of the Boards of Examination, respectively, are authorized to call a special meeting of their board whenever they may think it expedient.

12. The President of the Faculty shall be, and he is hereby empowered to call a special meeting of the Faculty at any time intervening the periods fixed for the established meetings, whenever he may judge that the interest of the Faculty requires it, of which two months' notice shall be given in some of the most public newspapers of the two Shores.

> By order, Ashton Alexander. Secretary to the Faculty.

Beans, William, Jr., Prince George's county. Beatty, Charles A., Montgomery county. Birckhead, Thomas H., Harford county. Brown, Gustavus, St. Mary's county. Brown, Gustavus Richard, Charles county. Brown, Morgan, Jr., Kent county. Bourne, Thomas, Calvert county.

Buchanan, George, Baltimore. Clagett, Zachariah, Washington county. Cradock, Thomas, Baltimore county. Cromwell, John, Baltimore county. Davidson, James, Queen Anne's county. Davis, Elijah, Harford county. Downes, Jesse, Caroline county. Duckett, Richard L., Prince George's county. Elzey, Arnold, Somerset county. Forbes, James, Allegany county. Fossett, Thomas, Worcester county. Gantt, Edward, Montgomery county. Geddes, Robert, Kent county. Ghiselin, Reverdy, Annapolis. Goldsborough, Howes, Dorchester county. Goldsborough, Robert, Queen Anne's county. Goodwin, Lyde, Baltimore. Gray, James, Calvert county. Groome, John, Cecil county. Hall, Joseph, Montgomery county. Harrison, Elisha, Cecil county. Haynie, Ezekiel, Somerset county. Hays, William, Dorchester county. Helm, Henry, Caroline county. Hilleary, William, Frederick county. Hopkins, Richard, Anne Arundel county. Huston, John, Worcester county. Ireland, Joseph, Calvert county. Irwin, Levin, Somerset county. Jackson, Elijah, St. Mary's county. Jenifer, Daniel, Charles county. Johnson, Stephen Theodore, Talbot county. Jones, Mathias, Somerset county. Keene, William B., Caroline county. King, John, Cecil county. Lansdale, William, St. Mary's county. Love, Thomas, Baltimore county. Lynn, George, Allegany county. Magruder, Zadok, Jr., Montgomery county. Marshall, William, Prince George's county. Martin, Ennalls, Talbot county. Miller, William, Cecil county. Mitchell, Abraham, Cecil county. Murray, James, Annapolis. Murray, William, Anne Arundel county. Moores, Daniel, Baltimore. Murrow, Benjamin, Allegany county. Neill, John, Worcester county. Noel, Perry Eccleston, Talbot county. Parnham, John, Charles county. Parran, Thomas, Calvert county. Pindell, Richard, Washington county. Pottinger, Robert, Prince George's county. Price, Joseph, Caroline county. Pue, Arthur, Baltimore.



Engraved from tinted photograph in possession of Medical and Chirurgical Faculty. UPTON SCOTT, M.D., of Annapolis. 1719-1811. First President of the Medical and Chirurgical Faculty of Maryland. Received his diploma in Glasgow, 1753. Purnell, Geo. Washington, Worcester county. Purnell, John, Worcester county. Rawlings, Daniel, Calvert county. Roach, William H., St. Mary's county. Sappington, Francis Brown, Frederick county. Schnively, Jacob, Washington county. Scott, Edward, Kent county. Scott, Upton, Annapolis. Shaaff, John Thomas, Annapolis. Smith, Jos. Sim, Frederick county. Stevenson, Henry, Baltimore. Stockett, Thos. Noble, Anne Arundel county. Sullivane, James, Dorchester county. Tabbs, Barton, St. Mary's county. Thomas, John, Queen Anne's county. Thomas, Philip, Frederick county. Thomas, Tristram, Talbot county. Thompson, Saml., Queen Anne's county. Todd, Christopher, Baltimore county. Trapnall, Philip, Baltimore county. Tyler, John, Frederick county. Waltz, Peter, Washington county. Warfield, Chas. Alex., Anne Arundel county. Waters, Wilson, Anne Arundel county. Wells, John, Queen Anne's county.

White, Edward, Dorchester county. Woolford, John, Somerset county. Wood, Gerard, Charles county. Worrell, Edward, Kent county. Worthington, Chas., Montgomery county. Wyville, Dorsey, Dorchester county. Young, John, Jr., Caroline county. Young, Samuel, Washington county.

These names represent not only the pick of the Maryland profession, but the highest types of physicians to be found anywhere—men trained at the Universities of Edinburgh, Glasgow, Dublin, Leyden, Paris, Philadelphia and the cities of Germany; pupils of Cullen, Boerhave, the Hunters, Munro, Bell and Rush. They were not only erudite in the knowledge of medicine as it was then understood and taught, but most, if not all, of them were fine, classical scholars, accustomed to the use of Latin especially, which was then the universal language of scholars.

The records of the first half-century of the Faculty's history are sadly deficient. The manuscript records are completely wanting. With the exception of a very brief "Summary" of the first eight years,



Engraved from painting in possession of Mr. Douglas H. Thomas. ASHTON ALEXANDER, M.D., of Baltimore. 1772–1855. First Secretary and last surviving charter member of the Medical and Chirurgical Faculty of Maryland.



Engraved from portrait in possession of Lottie Carroll Cradock, Pikesville. HENRY STEVENSON, M.D., of Baltimore. 1721–1814.

In 1765 was styled "the most successful inoculator in America," and went to the counties to practice inoculation upon the people. In 1768 he converted his own house, near present site city jall, into an inoculating hospital, and continued the practice until the introduction of vaccination.

a list of members of the year 1848 and an occasional annual address we have only the brief references of the medical journals and newspapers. From such sources we learn that up to 1839 the society devoted itself almost exclusively to its executive duties-the examination and license of physicians and the suppression of irregular practice. But little attempt was made to render the meetings "scientific." The presidents held office each for an indefinite period-several years-and "presidential addresses" were not, therefore, an annual event as now. The more stately "oration," with its resources of classical and medieval erudition, was more in accord with the spirit of the times, and one, sometimes two, of these constituted the leading event of the regular biennial meetings. Among those who are recorded as having been "orators" in these early times are Richard Wilmot Hall, Patrick Macaulay, John B. Davidge, John Crawford and Nathan R. Smith. An essay on "Epidemic Fever in Talbot and Queen Anne's Counties, 1813-14," read by Dr. Ennalls Martin in 1815, also two prize papers on "Cholera Infantum" and "Malaria" by Drs. Samuel A. Cartwright and Charles Caldwell, respectively, deserve mention here.

The necessity of providing some systematic instruction for the increasing number of medical students in the State begins early to claim attention. At the second biennial meeting held in Annapolis in 1801 a plan was proposed by a "distinguished" member of the society (whose name, however, remains unknown\*), and which then received the approval of Dr. Upton Scott, the first president. It was proposed to found a "College of Physicians" which should embrace the duties of the medical examiners, with such "other executive powers under the law as should appear to be necessary to give it added respectability.' Owing to the scant attendance action upon the proposal was deferred until the following year.

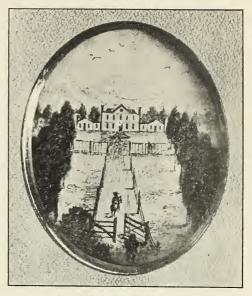
At the special meeting held at the same place the following year the subject was again brought up and its adoption urged in his address by the president, Dr. Philip Thomas of Frederick, who thought it would require additional authority from the legislature. He takes occasion to rebuke the lax methods of admission of the Examining Board, whose mild indulgence had already subjected the society to much censure. Their expectation that the candidates, who had already had the advantage of one session at the Philadelphia College of Medicine, would make up their deficiencies after admission had in some cases not been realized. The necessity of further legislation led to continued delay, and the matter was left in the hands of a committee of which Drs. Davidge and Brown were members.

Five years later a bill was framed and

<sup>\*</sup>We may perhaps safely conjecture that the author of this plan was Dr. Davidge, for we learn from Dr. Potter that he had entertained the idea of founding a medical school ever since his settlement in Baltimore in 1796, and they had frequently conversed together upon the subject. Davidge had also at that time probably the largest class of private students in Baltimore.

passed through the legislature founding the College of Medicine of Marvland, which was the direct creation of the society. An examination of the charter of this institution will show the close relations contemplated between the two The third section enacts "that bodies. the members of the Board of Medical Examiners for this State for the time being, together with the president and the professors of the said college and their successors, shall be, and are hereby declared to be, one community, corporation and body politic, to have continuance forever by the name of the Regents of the College of Medicine of Maryland." The regents and their successors are empowered "to receive and hold property, both real and personal, and to dispose of the same at pleasure, to sue and be sued, and to do all and every other matter and thing in as full and effectual a manner as any other person or persons, body politic or corporate, in like cases may or can do." They are empowered to appoint professors for the different branches, and also lecturers upon the sciences connected with medicine, these incumbents to constitute jointly the faculty of the college. Every licentiate of the Board of Examiners who shall have practiced five years within the State shall be entitled to a surgeon's certificate from the college. The degrees of bachelor and doctor of medicine are to be obtained after one or two years' attendance, respectively, an examination which is to be both private and public, and the writing of a thesis. The eighteenth section enacts "that the Medical and Chirurgical Faculty in the State of Maryland shall be considerd as the patrons and visitors of the said college, and their president for the time being shall be chancellor of the college, and the medical faculty of the said college shall give into the said Medical and Chirurgical Faculty, at each of their biennial meetings, a report of the progress of learning in the said college and of such other particulars as they may think fit to communicate."

This law, drafted by Dr. Shaw of Annapolis, was adopted on the 18th of December, 1807, a portion of the course having already been put in operation.



Engraved from picture in possession of Lottie Carroll Cradock, Pikesville.

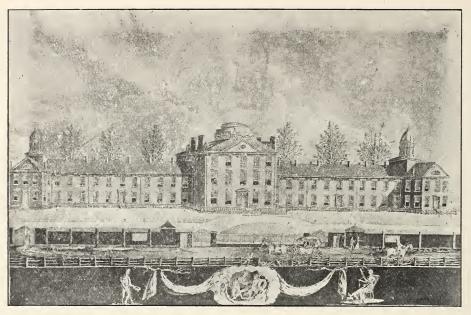
Home of Dr. Henry Stevenson ["Parnassus"] in the suburbs of Baltimore, in which, in 1768, the owner established an inoculating hospital and supported it with his own means. From this circumstance it was known as "Stevenson's Folly." This was thirty years before Jenner's great discovery was given to the world. It was at this period that Dr. Stevenson's heroic and self-sacrificing work was begun.

The first members of the Faculty named in the act were "John B. Davidge, M.D., and James Cocke, M.D., joint professors of anatomy, surgery and physiology; George Brown, M.D., professor of the practice and theory of medicine; John Shaw, M.D., professor of chemistry; Thos. E. Bond, M.D., professor of materia medica, and William Donaldson, M.D., professor of the institutes of medicine."\*

Upon perusal of the above features it will be seen that a very close relationship existed between the society and the college, and that the latter was dependent upon the former and under its control, since the Board of Examiners, twelve in number, constituted a majority of the regents. It is interesting also to note that these relations were permanent, and that

<sup>\*</sup>Three of these gentlemen, viz: Shaw, Bond and Donaldson, had not yet received the degree which was added to their names while the bill was being read before the house at the suggestion of a member who could not see the justice of applying it to some and omitting it with others.

# MARYLAND MEDICAL JOURNAL.



Engraved from a pen sketch in possession of the Medical and Chirurgical Faculty. BALTIMORE HOSPITAL.

The above view is of the old Baltimore Hospital for the Insane. The site is now occupied by the Johns Hopkins Hospital buildings.

the Medical and Chirurgical Faculty has never yielded up any of the rights and privileges granted it in this charter. It is quite true that the Faculty could at any time, if it were so disposed, reassert its claims to a management in the affairs of the college and legally enforce them. Such was the decision of the Court of Appeals of Maryland in the celebrated case of Regents of University of Maryland vs. Trustees, decided in 1839.\*

The further history of the college is well known, at least to Maryland readers. The early classes were small; the

first year there were seven; the second, ten, and the third, eighteen. The first graduation, according to Dr. Potter, was in 1810, when there were five graduates; in 1811 there were ten. We do not know the names of these graduates, the class of 1812 being the first that has come down to us. Of one of these, Dr. Corbin Amos, a native of Harford county, Marvland, who practiced here through a long life, we have the diploma (it is hung in the faculty rooms of the University of Maryland), and this is the only diploma preserved of these early years and commemorating the existence of the "Collegium Medicinae Terrae Mariae." Other professors in this school during this pe-riod were Samuel Baker, Nathaniel Potter, Richard Wilmot Hall, Elisha De Butts and William Gibson. At first lectures were given at the residences of the professors; later an old schoolhouse on the corner of Fayette street and McClellan's alley was patched up and used, and for a time also a hall on Commerce street. On the 7th of May, 1812, the building on the corner of Lombard and Greene streets, then at the extreme western limits of the city, was begun, and it was so

<sup>\*</sup>It is of interest to note that in 1807 Baltimore had a population of about 40,000, being the third city in size in the Union. Between 1790 and 1810 its growth in population and commerce was enormous, in proportion far exceeding that of New York and Philadelphia. Between 1790 and 1800 its population doubled; in the period from 1790 to 1810 it more than trebled, passing both Boston and Charleston, which had exceeded it at the former date. It was nearly half the size of New York and Philadelphia. In the 26 years ending 1816 the shipping of the port showed an increase of nearly 800 per cent. The population of the entire State in 1810 was 380,546, the increase since 1790 being greater in the city than in all the rest of the State. These facts showed that Baltimore, the last of the great Atlantic seaports to be founded, had developed since the beginning of the Revolution from an insignificant village into a great metropolis. Yet, when we compare the Baltimore of 1807 with the magnificent city of today, what a contrast!



Engraved from a print in possession of the Maryland Historical Society. JOHN CRAWFORD, M.D., of Baltimore. 1746–1813. First to introduce vaccination into America, in 1800. Established the Baltimore General Dispensary.

far advanced during the ensuing session as to be partially tenantable by the Faculty. At the time it was considered a very fine building, and was, in fact, without an equal in the entire country.

The idea of engrafting a university upon the college seems to have been first entertained about the time the building was begun. Who suggested it we do not know, but we may suppose that Dr. Davidge was again the prime mover. There appears to have been no opposition whatever to it on the part of the Medical and Chirurgical Faculty; on the contrary it is said that the memorial praying for the passage of the act was presented to the legislature by the president and professors of the college, with the approval and by the advice of the Board of Regents. The act was passed on the 29th of December, 1812, and with it control of the institution passed forever from the hands of the society. The latter is not even alluded to in the act. There is no evidence of formal relinquishment of rights by the society, and I have already

stated the opinion of the Supreme Court to the effect that the second charter does not invalidate the first. In adding to the College of Medicine, which was regarded as the Faculty of Physic, other faculties or colleges of divinity, law and arts and sciences, the whole to constitute a university, the first-named does not lose its identity or continuity as the College of Medicine, but continues amenable to the charter of 1807. Practically, however, the two bodies severed their connection absolutely at this point. No attempt has ever been made to exercise any further authority under the original charter and none will ever be. Therefore the history of the college ceases to have any further interest in this connection, and I proceed to consider other subjects of interest.

Several supplements or amendments to the orignal charter of 1799 were passed from time to time strengthening it and making it more fully adapted to the pur-



Engraved from painting in possession of Dr. William H. Crim. JAMES SMITH, M.D., of Baltimore. 1771–1841.

In 1802, with the approval of the Medical and Chirurgical Faculty, opened a vaccine institute at his house, No. 5 Calvert street, the first institution of its kind in America. In 1810 a "Vaccine" or "Jennerian Society" was organized in Baltimore. In 1813 Dr. Smith secured the establishment by Congress of a "National Vaccine Institute" in Baltimore.



Engraved from painting in possession of Medical and Chirurgical Faculty. JOHN ARCHER, M.D., of Harford County. 1741–1810. The first medical graduate in America. Diploma granted in 1768 by the College of Medicine of Philadelphia.

poses of its founders. Such were the acts of 1801, 1816, 1818 and 1821. I do not think it necessary or expedient to go into the details of these, which for those who wish to investigate the legal status of the society are readily accessible elsewhere.

At first there was, as might naturally have been expected, much evasion and disregard of the law. This led in 1802 to the appointment of censors, whose business it was to see that the law was not infringed by unlicensed practitioners and that its penalties were inflicted. They were also required to obtain lists of those practicing within their respective dis-There were two censors from tricts. each county and from the city of Annapolis and Fredericktown, one from Hagerstown and four from Baltimore. In 1805 it was deemed expedient to appoint six additional ones for the city of Baltimore. This plan of having censors was kept up for many years or whilst the Faculty was able to enforce its authority over the profession of the State. Doubtless in so difficult and disagreeable a *rôle* there

was often neglect, and the fear of giving offense to those who had authority, and the uncertainty as to the perpetuity of their privileges, seem to have rendered the members of this society less vigorous in their action than they should have been. In 1800 the case of one L. S. Rodriques, practicing without authority in the city is reported, and Dr. Allender, in whose district the offense was committed. was ordered to proceed against him. "A.'s deportment," it is added, "has been liberal, forbearing and just towards R., who has refused to submit to examination." There seems to have been every disposition to leniency in dealing with such cases, but indulgence is often abused in such circumstances; the instances in which offenders were called to account were in striking contrast to the frequency of offenses.

Inoculation for the smallpox was still in vogue in Maryland at the close of the last century. Prominent among those who performed it during that period are Drs. Adam Thomson and Richard Brooke of Prince George's county, Dr. Henry Stevenson of Baltimore and Dr.



MORTAR AND PESTLE.

Formerly the property of Dr. John Archer of Harford county, the first medical graduate in America. In possession of the Medical and Chirurgical Faculty.

# MARYLAND MEDICAL JOURNAL.

Ommbus adquos presentes Intere pervenermt in Rachertas, net Reiferti, et Rochanes Cattegues Statemen Maladelphuenses testamor no continue ingeniari Shannen Archen quid nos Predictionalis en Matanie comun Requerant afirtus antoque for Openingue sedute manafer it Santia Herdica contration algue in articles disciders & ac hostiguism, Consider Sur Spatia peralte im Tula mostra sour buildoulas, multisque aling Concluse digna filmes ad baan of revecales or to annalus hove States will vande Cantorion Underto in Pullers Convers accorder Sino Die Store line Anno 1907 La resident Ariono Die fund Timo 1 je redelimites Bucialau Tratter in Chericine Mandern In augus the Jeste Amigue hrai refescivitie Apartis Marin' All Bis ly lad Antik Coligin and Proportes 30 & Gal Ship ren M.D. Amo ? Wal Ross 1. Logica - 37 Alun & The Colle Prove ale Of Tellory Junen ... 1010 2 College 1 Academ, Cursh? y apate Gascar.

DIPLOMA OF DR. JOHN ARCHER.

Fac-simile reproduction of the first diploma granted by a medical college in America. Issued by the College of Medicine of Philadelphia in 1768 to Dr. John Archer of Harford county. Property of the Medical and Chirurgical Faculty.

Gustavus Richard Brown of Charles county. The first was the author of a tract on the subject, published by Benjamin Franklin, in Philadelphia, in 1750, which went through several editions. He was the originator of the "American method" and had a reputation throughout the colonies. Dr. Brooke published in 1752 a method of "Inoculation Without Incision." Dr. Stevenson in 1765 was styled "the most successful inoculator in America," and went to the counties to practice inoculation upon the people. In 1769 he established an inoculating hospital in his own house in the suburbs of Baltimore. In 1776 Dr. Gustavus R. Brown and Jas. Wallace opened an inoculating hospital for the citizens of Maryland and Virginia, near Port Tobacco, Md. During the Revolutionary War it was practiced extensively upon the soldiers. Smallpox was almost constantly epidemic in the State during this period, and the legislature had several times to remove to Baltimore on account of its prevalence in Annapolis. With the intro-

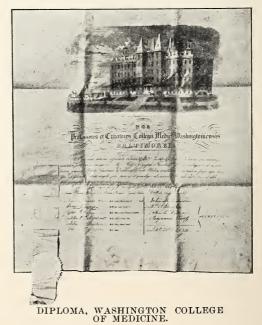
duction of vaccination into America by Dr. John Crawford of Baltimore in the summer of 1800 a new aspect of affairs was presented. The members of the Medical and Chirurgical Faculty early took a deep and active interest in the new method of prophylaxis. In 1801 (May 1) Dr. James Smith of Baltimore continued the practice of Dr. Crawford at the almshouse and among the citizens, and in 1802, with the approval of the Medical and Chirurgical Faculty, opened a vaccine institute at his house, No. 5 Calvert street, which was the first institution of the sort in America. A resolution of the society adopted this year declares "that the evidence of the great utility of the genuine vaccine inoculation is to them full and conclusive, and that they recommend it to their fellowcitizens to interest themselves in its propagation." April 25, 1803, Drs. Ennalls Martin, Robert Moore, Stephen Theodore Johnson and Tristran Thomas of Easton, all founders of the society, earnestly recommended the general practice

of vaccination. They were fully provided with genuine cowpox matter, and offered to inoculate the poor without fee or reward. "We shall think ourselves amply compensated by having their assistance," they say, "in extirpating a disease which has heretofore fell so peculiarly heavy on that numerous class."\* A second endorsement by the Faculty was given in 1805. By the exertions of Dr. Smith and others, all prominent in the affairs of the society, a grant of a lottery was secured from the legislature in 1809 for the purpose of extending the operations of the institute, and in 1810 a "Vaccine" or "Jennerian Society" was organized in Baltimore. By these agencies vaccine virus was furnished gratuitously throughout the State and even beyond its limits, and several threatened epidemics were cut short.

So unselfish and eager were the physicians of that day for the universal participation of the blessings of this beneficent discovery that on February 16, 1812, thirty-eight leading physicians of the city offered to vaccinate all who should apply to them free of charge. Indeed, our noble brethren went even further than this, for they even offered to pay every child presenting proof of genuine vaccination twenty-five cents! Can any other body of men be cited who show such a spirit of unselfishness and self-sacrifice? Dr. Smith must be considered as particularly the father of vaccination in Maryland. His energy and efforts were continually displayed in its behalf. He was indefatigable, and in 1813 secured the establishment by Congress of a "National Vaccine Institute" in Baltimore, of which he became the agent. These efforts were advanced by the publication of a periodical called the Vaccine Inquirer, under the auspices of the society, of which he was the editor † In 1816, Oueen smallpox being epidemic in Anne's and Dorchester counties, Drs. Robert Goldsborough, J. K. Harper and J. D. Emory offered to vaccinate the poor

gratuitously, and by their zeal overcame the prejudice against it. In 1819, to give public proof of its efficacy and his faith, in it, Dr. Smith inoculated with smallpox virus his two sons, nephew, ward and only daughter (all of whom he had previously vaccinated) at the bedside of a patient affected with variola. In 1821, on the recommendation of the Faculty, the city appointed vaccine physicians for each ward. It would be very interesting to trace this subject further, to recall the various efforts made by Jameson, Leonard, Knight and others to secure new virus by vaccinating and inoculating the cow, to describe the epidemics of smallpox that have occurred in Maryland since the introduction of vaccination and the frequently-arrested epidemics, the introduction of fresh virus from the famous Beaugency stock in 1866, and, finally, the introduction of animal virus and the improved method of performing the operation; but I must economize my space and proceed to other matters. Inoculation was not forbidden by law until 1850.

I do not find that the society in its corporate capacity took any special part in connection with the epidemics of yellow fever which have prevailed in Maryland,



<sup>\*</sup>Medical Herald and Eastern Shore Intelligencer. †This periodical was begun March 15, 1822.

especially during the early years of its existence, but its individual members have borne, as was to be expected, a prominent part in the local history of this disease. The first epidemic of the disease in Baltimore and probably in Maryland occurred in 1794, it having raged during the previous year in Philadelphia. It appeared again in 1797, 1798, 1799, 1800, 1819, 1820, 1821 and 1876-at least I find records of its existence during these years.\* In all these visitations, and in that terrible one in Norfolk in 1855. the members of the Faculty have stood bravely at their posts and have given their services and often their lives as a sacrifice to duty. We may with pardonable pride quote the language of the mayor of Baltimore with reference to the conduct of the physicians, all members of this society, upon this trying occasion: "In adverting to this calamity I should commit an act of injustice were I to omit to notice the humane and magnanimous exertions of those medical gentlemen residing in or near the vicinity of the infected district and those who extended their assistance when the disease had attained its greatest extent and malignity; some time previous to which period the more wealthy of our citizens and their families from within the district had removed, and very few remained except those who, by the deprivation of their means of support or from extreme indigence, were able to afford but little prospect to the physician of pecuniary remuneration, equal even to that which he might actually be called upon to expend from his own means on this account. They still persevered and attended indiscriminately all, the rich and poor, suffering no considerations to deter them from the indulgence of their philanthropic feelings. As the cases multiplied the calls upon them increased, and their natural rest was destroyed and their anxieties strained to such a pitch that their own lives appeared likely to become a sacrifice to their disinterested zeal."

Among the deaths in the profession during this epidemic were Drs. John



Engraved from portrait in possession of the Medi-cal and Chirurgical Faculty.

SAMUEL BAKER, M.D., of Baltimore.

1785-1835.

First President of the "Medico-Chirurgical Society of Baltimore," which, in July, 1832, through its committee, of which Dr. Baker was chairman, originated one of the first codes of medical ethics in the United States. Dr. Baker insti-tuted the library of the Medical and Chirurgi-cal Faculty. At the annual meeting in 1830, on his motion, the sum of \$500 was appropriated for the purchase of books.

O'Connor, Oliver Bond, J. B. Caldwell, Clark, H. Dorsey and Josiah Henderson. These attacks were limited strictly to the low-lying parts of the city, in no case spreading from patients removed thence to higher and immune localities; hence all who could were encouraged to remove and the poor were placed in tents upon the high grounds. In 1855, after person-ally investigating the epidemic at Norfolk, the Board of Health concluded that the disease was purely local and non-contagious, and the city having been thoroughly cleansed the year before, they admitted refugees from the stricken city without let or hindrance. Twenty-six of these refugees died of the disease after reaching here, yet not a single resident of Baltimore contracted the disease. Of our physicians the following volunteered their services to the citizens of Norfolk and Portsmouth, the last three losing

<sup>\*</sup>The disease prevailed to a limited extent in in-tervening years, but not sufficiently to be considered epidemic.



Engraved from bronze bust in possession of Medical and Chirurgical Faculty.

NATHAN R. SMITH, M.D., of Baltimore. 1797—1877

The great surgeon of Baltimore for fifty years. Inventor of "the anterior splint." Received his degree from Yale College in 1823. Professor of surgery in University of Maryland, 1827 to 1870.

surgery in University of Maryland, 1827 to 1870. their lives: Drs. John Morris, John H. Muller, H. Webster, Marc Grahame, T. Boone, John A. Marshall, Charles T. Walker and Robert Thompson. The visitation of 1876 was much less severe than its predecessors and was limited to Fell's Point.

The epidemics of cholera are also of great interest. The largest of these occurred in 1832, when there were 853 deaths in the city alone, among them being Dr. John Cromwell, founder, and Drs. Edgar and Ealer. The first case occurred on the 4th of August. Special hospitals were opened at this time and placed under charge of Drs. George B. Mackenzie, John Carrere and A. L. Warner. In 1849 a limited epidemic occurred at the almshouse, eighty-six deaths being recorded. In the summer and fall of 1866 occurred the last visitation, but the disease was not extensive, but sixty-two deaths in all being reported.

The founding of our library was the

chief event of the year 1830. At the annual meeting of that year, on motion of Dr. Samuel Baker, the sum of \$500 was appropriated for the purchase of books. Dr. Baker was then chairman of the library committee, and in that capacity he continued to take a great interest in the work until his death in 1835. The collection increased slowly, but it embraced the choicest works of the day. Donations also came in from the members, and in 1839 it was reported to be "perhaps more select and rich in value for its extent than any other in the country."\*

In 1839 a critical event in the history of the society occurred, which deprived it of its chief privilege and right and came near destroying it altogether. This was nothing less than an act of the legislature virtually repealing its charter. Some years before this a sect in medicine had been founded by one Thomson, a native of New England, one of the leading principles of which was that the human body was composed of four elements (?)— earth, air, fire and water. By these philosophers metals and minerals were regarded as having the tendency to draw all down into the earth who use them, this view being founded upon the convincing fact that they are found only in the depths of the earth. On the other hand, since vegetables spring up out of . the dross and vulgar earth into the air they tend to raise men away from the grave. This sect had a brief season of success, as many another false and absurd practice has, but the lack of merit in it, the ignorance of its followers and the violent and even fatal effects of the powerful doses of herbs which they employed led in time to its dissolution. About the time mentioned these men had sufficient influence and address to control legislation in this State and obtain from the legislature the passage of an act entitled "An Act to Authorize Thomsonians or Botanic Physicians to Charge and Receive Compensation for their Services and Medicine." In the body of the act nothing whatever is said about Thomsonians or any other special class

<sup>\*</sup>Mem. of Samuel Baker, Maryland Medical and Surgical Journal, Vol. I, 1839.

# MARYLAND MEDICAL JOURNAL.

of practitioners, but the language is: "It may and shall be lawful for each and every person, being a citizen of this State, to charge and receive compensation for their services and medicine in the same manner as physicians are permitted to do." Dr. Quinan, who made the subject of the charter-rights of the Faculty the theme of his presidential address in 1886, discusses the validity of this hybrid law and shows very conclusively that it is a point well established and beyond controversy that an act of the legislature of Maryland must be construed according to its title, and hence that the act in question excepts no one but Thomsonians or botanic physicians. As these no longer exist the law is inoperative, and as there is no other legislation upon the statute-books repealing the act of 1798, that act is still in force as fully as it ever was. By reference to decisions of the Supreme Court, also, Dr. Quinan showed that chartered rights are inviolable, and that the legislature in depriving our society of any portion of its rights under the original charter was going beyond its powers. The reasoning and facts of our late eminent colleague seem incontrovertible, and although his earnest pleading had no effect, I cannot resist the temptation to give his conclusion: "And now, gentlemen, in closing, let me say that if, after a full examination and deliberate discussion of this question, you decide, as I do, that our chartered and vested right to require licenses from all who desire to practice medicine and surgery in this State exists today in all its integrity, unimpaired by legislation, unrevoked by judicial decisions as it did on the day it was granted, eighty-seven years ago, then I adjure you by your own regard for your own highest professional interests, by your regard for the honor, dignity and moral elevation of your calling, by your respect for the example of your brethren in other and adjoining States, who have successfully driven from their borders the hordes of harpies who were fattening on the credulity of the people, by your regard for the ancient reputation of this venerable Faculty and the restoration of that vigor of which it has been so long shorn by the Delilah of



Engraved from bronze bust in possession of Medical and Chirurgical Faculty.

JOHN BUCKLER, M.D., of Baltimore. 1795–1866.

The great family physician of Baltimore. Was graduated from the University of Maryland in 1817. Was adjunct professor of anatomy in the same.

supineness and neglect, by your regard for the lives and sanitary welfare of the community—by each and all of these considerations I adjure you boldy and manfully to assert and enforce your vested rights and at once and forever clean out the Augean stable of charlatanism and quackery, with their prescribers and endorsers of star cures, kidney cures, liver regulators, blood purifiers, earth cures, et id omne genus, which shame the face of day in flaunting handbills on street corners and in drug shops, whose proprietors show their gratitude for our patronage by presenting over their counters the sugar-pellet nihilisms and more harmful nostrums that disgrace a decent pharmacy, and let us strip the mask from these unlicensed medical pretenders, begot by a foul union of unblushing effrontery, stolid ignorance and insatiable greed, that are fast rendering our noble

275



FIRST MEDICAL JOURNAL IN MARYLAND.

FIRST MEDICAL JOURNAL IN MARILAND. Established April, 1808, by Dr. Tobias Watkins; the third medical journal edited and published in the United States. It was issued quarterly, and the first number contained eighty pages of printed matter. It suspended publication in 1809. From this first venture in medical jour-nalism to the founding of the present Maryland Medical Journal, covering a period of nearly threescore and ten years, more than a dozen journals entered upon a brief career and sus-pended for want of professional support. These all were ably conducted and well worthy of substantial patronage, aside from the local in-terest which should have attached to such en-terprises. terprises.

art in this State a stench in the nostrils of every lover of legitimate medicine."\*

We do not learn that any protest was uttered at the time of the legislative act of 1838 nor any attempt made to test its validity or to assert the rights which the Faculty had been exercising unhindered for the previous forty years. The Faculty supinely submitted to the blow-and a terrible one it was-which in one instant deprived it of the essential feature of its charter-a charter obtained only after so many years of painful and eager longing, and swept away, as with a besom of destruction, the fairest hopes of the profession. Years afterwards an attempt was made by a few noble spirits-Roberts, Cohen and others-to reclaim the lost rights, but a strange apathy enthralled the members, and the effort proved a dismal failure. It was not repeated until Dr. Quinan's day, and then with results equally unsuccessful.

The first and only attempt ever made by the Faculty to conduct a medical journal was begun in this same year (1839), the first number appearing in October. It was published quarterly and continued to the end of the third volume, suspending after the issue of March, 1843. It was under the editorial management of a committee of the Faculty, consisting of Drs. Potter, Roberts, Chew, S. G. Baker and others, and was adopted by the medical departments of the army and navy as their official organ. It was conducted with enterprise and ability, and was particularly rich in original contributions. It is hard to see why it should have failed.

The close of the first half-century (1848) was marked by the meeting in Baltimore of the American Medical Association. This was the first annual meeting of the National Association, and was attended by a large number of delegates from this Faculty, from the Medical and Chirurgical Society of Baltimore, from the Kent and Frederick County Medical Societies, from the colleges and their alumni associations and from the hospitals. The use of anesthetics was, of course, the subject of supreme interest at that date, and our Maryland surgeons seem to have borne their share in establishing their safety and utility. This. brings us to the close of the first half-century of the society's career.

It was not long after this before the society began to take on new life and activity owing to the participation in its affairs of new elements that became affiliated with it about that time. Among those who were particularly active were Drs. Richard McSherry, W. Chew Van. Bibber, David Stewart, Francis Donaldson, George C. M. Roberts, Michael S. Baer, F. E. B. Hintze, Christopher Johnston, Charles Frick, Joshua I. Cohen,. John F. Monmonier and George W. Miltenberger. Particularly valuable papers were presented at this time by Drs. Frick, Johnston, Donaldson, Stewart, Steiner, Miltenberger and Van Bib-Science began now to claim ber. attention, and the meetings were no longer devoted to strictly executive and The publication of the routine work. Transactions for the first time in 1853 aided powerfully in infusing new vigor

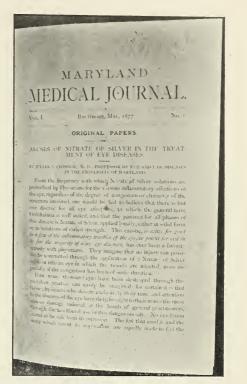
<sup>\*</sup>Presidential address of Dr. John R. Quinan, April, 1886.

into the society.\* Dr. Hintze proposed a number of resolutions-to organize auxiliary ward and election district associations in the cities and counties, to secure a more thorough organization of the profession, "such as has been so success-fully effected in Virginia and other States," to secure means of publication, to adopt a code of ethics, to secure a permanent building or rooms to be used as library, reading and meeting rooms, to be built, purchased or leased," etc. These proposals show that one of those periodical revivals which are found in the career of all societies and communities had taken place in this society, and they led to important results. One was the publication of the Transactions, already mentioned. These continued to appear from 1853 to 1859, inclusive, when they were suspended for fourteen years. The records show increased interest in scientific matters and in sanitary science. That a society representing, as this does, the entire profession of the State, and capable of wielding such a powerful and beneficial influence in matters bearing upon the general health of the people of the State, should be silent through all these years would have been an unexampled prodigy. That until the last few years of the century it has not shown the ac-

\*A committee was appointed in 1852 to secure a good attendance the next year. This committee, composed of Drs. Hintze, Yeates and Dunbar, issued a circular inviting all the members, and perhaps others, to be present Their enorts were successful and the meeting was a large one; many new members were added at this time.



Vol. I-II in the Library of the Surgeon-General's Office, Washington, D. C.



Fac-simile reproduction (about one-fourth size) of the first page of initial number of the Maryland Medical Journal, established in May, 1877, as a monthly, under the editorial and business management of Dr. H. E. T. Manning and Dr. Thomas A. Ashby, In 1880 was changed to a semi-monthly. With the beginning of Volume X it began as a weekly. The Journal is now owned and controlled by the Medical Journal Co. (Incorporated) of Baltimore and Washington. It is the only regularly established medical journal in the State.

tivity in these matters that might justly have been expected from the character of its membership must be confessed with some degree of shame; still we find evidences here and there of wise suggestion or effort. The attitude of the society with reference to the introduction of vaccination at the beginning of the century has already been noted. In 1855 Dr. Donaldson offered a resolution "that a committee of five be appointed to memorialize the next legislature for the enactment of a law for the uniform registration of births, deaths and marriages throughout the State." This resolution was adopted next day. At the next session the committee reported, through Dr. Donaldson, that "a bill was framed and passed the lower House by a nearly

277

unanimous vote, but was neglected in . the Senate in the pressure of business at the close of the session." The committee felt confident that the bill would be passed. In 1858 Dr. Donaldson reported that his committee "had urged the necessity of such a law upon the individual members of the legislature, but without success." He urged the continuation of the agitation of the question before successive legislatures until success should be achieved. The committee was continued, but was unable to accomplish anything further.\*

With the exception of the earliest meetings the annual conventions had always, so far as the records show, been held in Baltimore. The reason of this is not far to seek. The advantages of a large city, the metropolis of the State, centrally located and readily accessible from most parts, with the almost certain assurance of a quorum, are self-evident. In November, 1853, a special semi-annual meeting was held in Easton, and again one was held at Frederick City. Of late years these semi-annual meetings have been frequent and now form an established custom of the society.

An interesting event of 1853 must be mentioned in passing, which was the visit of the venerable Ashton Alexander, the last surviving incorporator, to the convention on June 3 of that year. On motion of Dr. Roberts, a committee of three had been appointed on the previous day to wait upon Drs. Alexander and Samuel K. Jennings and invite their attendance. The committee-Drs. Roberts, Dulin and Dunbar-having performed the service, Dr. Yeates, the president, arose and introduced the guests to the audience. Dr. Alexander returned thanks, stating that nothing in his life had gratified him more than this invitation; that he had always taken a deep interest in the Faculty, and had had the honor of being its first secretary and afterwards one of the Board of Examiners. He would always have an abiding interest in the welfare of the Faculty. He was then compelled to leave from exhaustion. As he did so the members, by a spontaneous impulse,



ANATOMICAL PLATES.

ANATOMICAL PLATES. ese photo-engravings represent two anatom-ical manakin charts in an old anatomy printed in Amsterdam in 1634 and presented to Dr. Charles G. W. Macgill of Catonsville by his father, Dr. Charles Macgill. The book was for-merly the property of Dr. James Macgill, sur-geon, conjunct professor and demonstrator of anatomy to the Surgeons' Company, Edinburgh, 1700-1719. These

arose and remained standing until he had passed out of the door. A resolution was then adopted "that the Faculty felt great gratification in having the presence of Drs. A. Alexander and S. K. Jennings at their session, and that the secretary furnish each of these gentlemen with a copy of the above resolution."

The library continued to receive the care of the Faculty, with a liberal appropriation for its growth. But for several years it was boxed up at the Mercantile Library Rooms and unavailable.

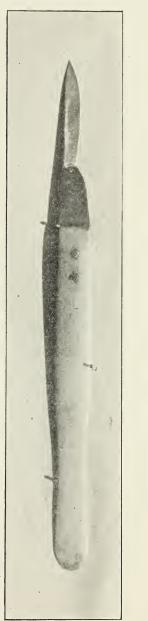
Up to 1830 the infrequent character of the meetings-biennial according to the constitution-rendered unnecessary the possession of a building, but with the acquisition of a library this was changed, and the subject must often have recurred to the members from that time on. The proposal for a permanent building was made, as above stated, by Dr. Hintze in 1853. In 1856 Dr. Crane called attention by resolution to the need of a fixed and

<sup>\*</sup>Dr. George Buchanan, one of the founders, had advocated the registration of births in 1790.



permanent place of meeting and of a place for the safe keeping and proper using of the library, and moved the appointment of a committee of five to determine upon the site for the erection of a hall. This was adopted in substance, and a special meeting was held to confer about the matter. In 1857 the committee reported that a building had been offered at 47 North Calvert street, owned by C. Kidder, which might be had by transfer of the stocks to the owner in full payment, price \$3425, lot twenty-five feet front, with depth of 100 feet to a street. "The house covers the entire front, two stories and attic high, with a back building also two stories and attic, nine rooms and cellars under the whole." There was a ground rent of \$150 per annum, redeem-able at pleasure. The purchase being authorized, the stocks were transferred, viz., \$1100 City of Baltimore 6 per cents, \$150 Farmers' Bank, Annapolis, \$2175 Union Bank stock.

All things were arranged satisfactorily, and on the 2d of June, 1858, the president, Dr. Joshua I. Cohen, "congratulated the members upon their assembling for the first time since their origin in 1799 in their own hall and under circumstances so favorable to the future prosperity of the Faculty." The funds derived from the license dues and wisely invested and guarded during the previous halfcentury by Dr. Cohen and others being thus expended, the treasury was left almost empty. Special contributions were solicited of the members, and great liberality was evinced. With funds thus



KNIFE USED IN FIRST OPERATION IN TYING BOTH CAROTID ARTERIES.

This scalpel was used in 1823 (the year of his graduation) by Dr. William D. Macgill of Hagerstown, in his operation of tying both This was the first operation of its kind performed. The knife is the property of Dr. in Hagerstown, 1833. Dr. Maegill was graduated at the University of Maryland in 1823; died Charles G. W. Macgill of Catonsville. carotid arteries in the same subject, for fungous hematodes of the eyes.

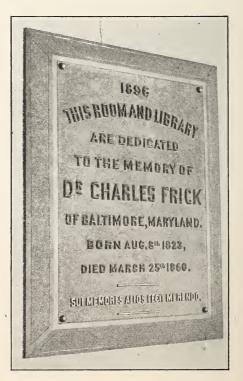


Engraved from portrait in possession of Medical and Chirurgical Faculty. CHARLES FRICK, M.D., of Baltimore. 1823-1860. In his memory his brothers founded the Frick

In his memory his brothers founded the Frick Library and Reading-Room at the Hall of the Faculty.

raised the building was furnished and arranged and a considerable amount secured for the extinguishment of the ground rent. The library was removed to the shelves provided and everything seemed to promise well for a long and prosperous career of the Faculty. The room was commodious, the books were properly arranged on neat and convenient shelves, and by the assistance of volunteers were accessible at regular hours. The library committee say: "The older members of the Faculty must well recollect that for many years the library was the great tie which bound them together, and was for a considerable period one of the strongest inducements afforded wherein we derived the main part of our revenue by the addition of new members. While it afforded facilities to many not otherwise easily obtained, it was a just matter of pride to the whole Faculty, who as long as their funds remained unimpaired evinced their appreciation of its usefulness by the liberal appropriations yearly made for its maintenance and increase. \* \* \* No one can deny that the coolness manifested towards the library corresponded with the darkest period of our history, and that from the time when its increase ceased to be a main object of consideration there has been a less active spirit actuating our body and a greater difficulty in recruiting our ranks. The most feasible plan to draw the profession into the society appears to us to be a return to our old faith and habits and a firm resolve to render the library sufficiently valuable to offer attractions to all our brother-practitioners. The nucleus we now possess is of exceeding value. We could not desire a better basis of standard and rare works around which to cluster the more modern offsprings of the profession. It would require but a comparatively small annual stipend, wisely and carefully expended, to render it attractive to all" (Dr. Miltenberger, chairman).

A fine oration was delivered in the new hall on the evening of June 3. The Maryland College of Pharmacy engaged



TI'E FRICK TABLET.

the hall for its monthly meetings and session the ensuing winter.

An ominous circumstance at the close of this meeting so auspiciously begun was the failure to secure a quorum on June 5, Saturday, 2 P. M.; it had to adjourn for this reason until Monday the 7th at 12 M. At that time there was again no quorum, and it adjourned again until evening. Then there was still no quorum, and the annual meeting ended.

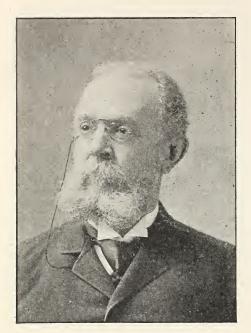
On June 1, 1859, six members (includ-ing president and secretary) were present to open the meeting. This not being sufficient, an appointment was made for the next day. Then the officers were successful in getting together nineteen, but there was no report from either Shore and no applicants for membership. Everything was going wrong, and stagnation was creeping in everywhere. The library was being deserted and but one-half of those who had contributed to its increase had paid their contributions. The treas-



From a photograph made in London. MR. WILLIAM F. FRICK. Donor of the Frick addition to the Library and Reading-Room at \$47 North Eutaw street.



THE READING-ROOM AND FRICK LIBRARY. This department of the Medical and Chirurgical Faculty, at 847 North Eutaw street, is the endow-ment of Prof. Charles Frick's brothers and Mr. Reverdy Johnson. It was inaugurated on De-cember 10, 1896.



SAMUEL C. CHEW, M.D., of Baltimore, President of the Medical and Chirurgical Faculty of Maryland, 1899.

urer had taken in but \$32 during the year, besides the amount received for rental. Not a single fee for membership had come in. Hard times were pressing upon the country. The committee on the hall had desisted from efforts to raise money, having failed entirely in their collections in the counties, whilst city members had but in few instances paid their subscriptions. The close of this annual meeting was but a repetition of that of the previous year: "Monday, June 6, no quorum, adjourned; Tuesday, June 7, no quorum, adjourned," and thus it ended.

And now ensued a long sleep, during which there was no meeting of the Faculty held. The Executive Committee during these years of hibernation acted as the Faculty—they elected officers, reelected themselves, took care of the property and looked after the interests of the society. The names of this committee were Dr. John F. Monmonier, chairman; Drs. Christopher Johnston, George W. Miltenberger, Alexander Robinson and H. P. C. Wilson, and to them belongs the credit of preserving the society and making this centennial a possibility, for there can be little doubt that if they had failed to keep up the organization during these years of civil warfare and reconstruction, no one would have thought it worth while to make the attempt to revive a society which had been shorn of its chief prerogative and means of income.\*

Passing over this period, we come to 1870, when the records first tell us of another revival, the last great inspiration of vigor and life which I shall have to report, for from that time to the present the meetings and the publication of the Annual Transactions have never been omitted and the activity of the organization has been continually on the increase.

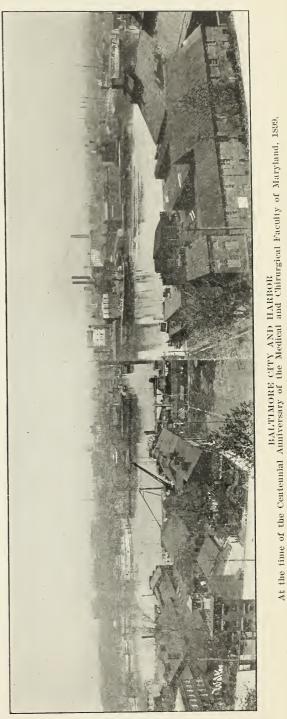
I shall not be able in the limited time and space at my disposal to do more than mention the most important events of this period of thirty years, representing almost a generation. It is fresh in the

<sup>\*</sup>I find that the following resolution was adopted on April 16, 1853, on motion of Dr. Powell: "Resolved-That we are profoundly conscious of our obligations to the older members of the Medical and Chirurgical Faculty of Maryland, who by their fidelity, zeal apd self-sacrifice, maintained the vitality of the Association, amid discouragements which would have daunted a less heroic and faithful band," etc.



J. WILLIAMS LORD, M.D., Recording Secretary Medical and Chirurgical Faculty of Maryland, 1899.

minds of many, especially the last decade of it. First of all, I shall have to speak of our unfortunate business mistake, which cost the society in the end its valuable property and swept away the hard earnings of many, many years of savings. This was the disposal of the Calvert street property. Calvert street being a great thoroughfare, owing to the conformation of the ground in that section of the city, all the traffic carried on between parts south and parts north of that was done over this thoroughfare. Hence quiet and composure, so necessary to reading and to the conducting of medical societies or courses of instruction, were not to be obtained there. So the idea was taken up that we should seek some new retired and quiet situation where the sources of annovance and distraction would be less. In theory this decision was good, but its execution was dangerous. Accordingly, the building was disposed of and another on the west side of Courtland street, between Mulberry and Franklin streets, purchased. This house was occupied on the 27th of October, 1869, over \$7000 altogether being put in it. Everything then looked hopeful; the building was satisfactory in itself, and we had quiet and retirement in abundance. But it soon became apparent that a mistake had been made. The situation on the side of a steep hill was inaccessible, and the attendance at the library and the meetings of the local societies, which had joined our society in occupation there, began to fall off, so that in a few years it was found necessary to seek quarters elsewhere and rent the building. Then came the progressive fall in the valuation of real estate, until finally, as it was bringing the society more and more into debt, it was decided to sell it at almost any cost, and it was actually disposed of for \$550, of which about \$500 came into our treasury. Then for some years the society was on the go-occupying rooms on Fayette street, near Park avenue, and, later, the basement of the Athenæum Building on the corner of St. Paul and Saratoga streets. Then came the determination to have another building of our own, which culminated in the purchase in 1895 of the residence 847 Hamilton



Terrace. This, remodeled at an expense of several thousand dollars, is our present home. Here the Frick addition to the library, endowed by Prof. Frick's brothers, Messrs. William F. Frick and Frank Frick, and Mr. Reverdy Johnson, was inaugurated on the 10th of December, 1896.

In consequence of this generous aid, supplemented by liberal gifts from the Journal Club and individuals, the number and value of the collection have increased very rapidly in the last four years. The number of volumes is now over 12,000, whilst there are several thousand pamphlets. There are received regularly 143 journals. For the year ending April 1899, the number of volumes received was 2323. For the same period 3587 persons were reported to have made use of the books and journals. The number of books and journals taken out by physicians was 1048.

In late years the Faculty has been active in many ways. The most important achievement was the securing of legislation restoring to our society the control of the license to practice in this State.\* This was in 1892. Under this law the society has the right to appoint a board of medical examiners, before whom all physicians who enter upon practice in this State must appear and pass a satisfactory examination. The benefits of this law have been conspicuous in the elevation of the standard of the profession and of the medical schools in this city. It is also most efficiently administered by the excellent board that has been entrusted with its execution. The Faculty has also by its efforts secured efficient lunacy and anatomical legislation, so that the interests of the insane

are now in the hands of an able commission, whilst the law provides an abundant supply of anatomical material without the necessity of a resort to irregular and repulsive means to obtain it.

About \$14,000 have been raised since the movement for a new building began, and the present debt of the Faculty has been reduced to the small sum of \$2000. This, it is confidently expected, will be liquidated during the centennial meeting this week.

And now I am admonished to bring this brief and very hurried sketch to a close.

We have reached the end of the century in a condition far more satisfactory and prosperous than we had any reason a few years ago to expect, and we should now enter upon the second century of our existence with hopefulness and confidence.

That better things are in store for us, it scarcely requires the tongue of a prophet to foretell. Everything points to change and improvement. Our present home is entirely inadequate for the growing needs of our rapidly increasing membership and library. We need a building that will be an ornament to our city and will stand no invidious comparison with those of the other great metropolitan cities of the country-New York, Philadelphia and Chicago; and we need an adequate endowment fund for our library. If we are unable from our own resources to provide these things, let us call upon the citizens of Baltimore and Maryland for assistance. This community owes us something for what we have done for it, and it requires but a vigorous and concerted effort to secure a portion of the wealth which is being lavished in so many other directions.

# EUGENE F. CORDELL, M.D.

284

<sup>\*</sup>In order to obtain this we were forced to concede an equal right to the hom $\infty$  eopathists.

# OFFICERS AND COMMITTEES

OF THE

# Medical M Chirurgical Faculty of Maryland

# FOR THE YEAR 1898-'99.

PRESIDENT: SAMUEL C. CHEW.

VICE-PRESIDENTS: MARY SHERWOOD. J. MCPHERSON SCOTT.

> RECORDING SECRETARY: J. WILLIAMS LORD.

ASSISTANT SECRETARY: ROBERT T. WILSON.

CORRESPONDING SECRETARY: W. GUY TOWNSEND.

REPORTING SECRETARY: H. O. REIK.

п. О. кеік.

*treasurer:* Thomas A. Ashby.

> *librarian:* Miss Noyes.

EXECUTIVE GOMMITTEE :

WM. OSLER. WM. H. WELCH. L. MCLANE TIFFANY. ROBT. W. JOHNSON Ex-Offico the President, Secretary and Treasurer.

TRUSTEES :

L. McLane Tiffany. T. A. Ashby. G. Lane Taneyhill. I. E. Atkinson. Wilmer Brinton. William Osler. George J. Preston. Wm. H. Welch. Clotworthy Birnie.

CENTENNIAL COMMITTEE:

SAMUEL T. EARLE, JR.CHAS. M. ELLIS.THOMAS S. LATIMER.THOMAS A. ASHBY.JOHN I. PENNINGTON.G. L. TANEYHILL.J. WHITRIDGE WILLIAMS.J. MCPHERSON SCOTT.

### **Local Societies.** BALTIMORE.

- BALTIMORE MEDICAL AND SURGICAL ASSO-CIATION. Meets on the 2d and 4th Mondays of each month, at 8.30 P. M., in the Hall of the Medical and Chirurgical Faculty. President, C. URBAN SMITH, M.D. Secretary. CRUTCHFIELD, M.D.
- BOOK AND JOURNAL CLUB OF THE FACUL-TY. Meets at call of President.
- BALTIMORE NEUROLOGICAL ASSOCIATION. Meets 3d Wednesday each month. GEO. J. PRES-TON, M.D., President. SAMUEL J. FORT, M.D., Secretary.
- CLINICAL SOCIETY OF MARYLAND, 847 N. Eutaw Street. Meets 1st and 3d Fridays-October to June-8.30 P. M. J. WILLIAMS LORD, M.D., President. NATHAN HERMAN, M.D., Secretary.
- GYNECOLOGICAL AND OBSTETRICAL SOCI-ETY OF BALTIMORE, 847 N. Eutaw Street. Meets 2d Tuesday of each month-October to May (inclusive)-8.30 P. M. J. WHITRIDGE WIL LIAMS, M.D., President. W. W. RUSSELL, M.D., Secretary.
- MEDICAL JOURNAL CLUB. Every 2d and 4th Saturday of each month, 8.30 P. M. 847 N. Eutaw St. W. S. THAYER, M.D., President. C. O'Donovan, M.D., Secretary.
- MARYLAND OPHTHALMOLOGICAL AND OTO-LOGICAL SOCIETY. Meets 4th Thursday of each month at 847 N. Eutaw St. AARON FRIED-ENWALD, M.D., President. H. O. REIK, M.D., Secretary.
- MEDICAL SOCIETY OF WOMAN'S MEDICAL COLLEGE. FLORA POLLOCK, M.D., President. JULIA T. VAN DER VEER, Secretary. Meets 4th Tuesday in the month, from October to April inclusive.
- THE JOHNS HOPKINS HOSPITAL HISTORI-CAL CLUB. 2d Mondays of each month, 8 P. M. WM. OSLER, M.D., President. T. B. FUTCHER, M.D., Secretary.
- THE JOHNS HOPKINS HOSPITAL MEDICAL SOCIETY. President, JOHN M. T. FINNEY, M.D. Secretary, THOMAS S. CULLEN, M.D. Meets 1st and 3d Mondays, 8 P. M.
- THE JOHNS HOPKINS HOSPITAL JOURNAL CLUB. T. B. FUTCHER, M.D., President. Meets 4th Monday, at 8.15 P. M.
- UNIVERSITY OF MARYLAND MEDICAL SO-CIETY. Meets 3d Tuesday in each month, 8.30 P.M. JOHN S. FULTON, M.D., President. JOSÉ L. HIRSH, M.D., Secretary.

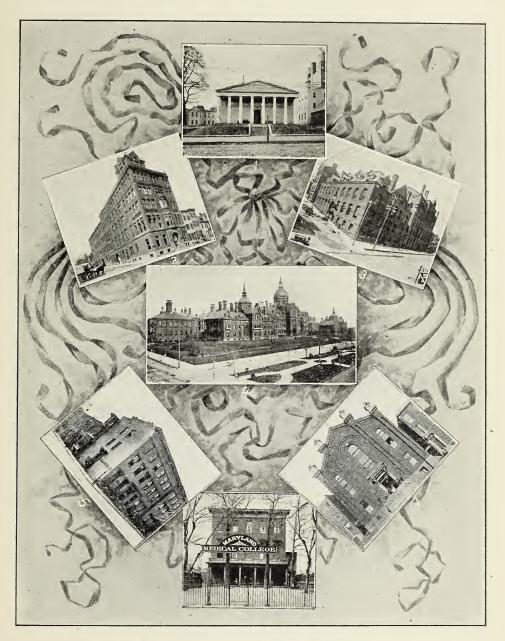
# State and County Societies. MARYLAND.

MEDICAL AND CHIRURGICAL FACULTY OF MARYLAND. Annual meeting on the 4th Tuesday in April.

- THE BALTIMORE COUNTY MEDICAL ASSOCI-ATION. Meets at Towson, Md., 3d Thursday of each month. CHAS. G. HILL, M.D., President. L. GIBBONS SMART, M.D., Secretary.
- THE MEDICAL ASSOCIATION OF HOWARD COUNTY. Meets 1st Tuesday in January, April, July and October.
- THE FREDERICK COUNTY MEDICAL SOCIETY. WM. H. BALTZELL, M.D., President. IRA J. MC-CURDY, M.D., Recording Secretary.
- KENT COUNTY MEDICAL SOCIETY. E. G. CLARK, M.D., President. W. FRANK HINES, M.D., Secretary. Next meeting at Chestertown, May 2, 1899.

#### WASHINGTON.

- CLINICO-PATHOLOGICAL SOCIETY. Meets at members' houses, 1st and 3d Tuesdays in each month. JOHN VAN RENSELAER, M.D., President. J. THOS. KELLEY, JR., M.D., Corresponding Secretary. R. T. HOLDEN, M.D., Recording Secretary.
- THE THERAPEUTIC SOCIETY OF THE DIS-TRICT OF COLUMBIA. Meets on 2d Saturday of each month at the National Medical College. JOHN T. WINTER, M.D., President. D. OLIN LEECH, M.D., Corresponding Secretary. N. P. BARNES, M.D., Recording Secretary. BENJAMIN G. POOL, M.D., Curator.
- MEDICAL AND SURGICAL SOCIETY OF THE DISTRICT OF COLUMBIA. Meets 1st Thursday each month at members' offices. LLEWEL-LYN ELIOT, M.D., President. ELMER SOTHORON, M.D., Secretary.
- MEDICAL ASSOCIATION OF THE DISTRICT OF COLUMBIA. Meets at Georgetown University Law Building 1st Tuesday in April and October. D. W. PRENTISS, M.D., President. J. R. WEL-LINGTON, M.D., Secretary.
- MEDICAL SOCIETY OF THE DISTRICT OF CO-LUMBIA. Meets Wednesday, 8 P. M., Georgetown University Law Building. S. C. BUSEY, M.D., President. T. C. SMITH, M.D., Corresponding Secretary.
- OPHTHALMOLOGICAL AND OTOLOGICAL SO-CIETY OF WASHINGTON. Meets bi-monthly at members' offices. S. O. RICHEY, M.D., President. W. K. BUTLER, M.D., Secretary.
- WOMAN'S CLINIC. Meets at 1843 14th St., N. W., bi-monthly, 1st Saturday evenings. Mrs. EMILY
  L. SHERWOOD, President. Dr. D. S. LAMB, 1st
  Vice-President. Dr. ROBERT REYBURN, 2d Vice-President. Mrs. MARY F. CASE, Secretary.
  MISS MINNIE E. HEIBERGER, Treasurer.
- WASHINGTON MEDICAL AND SURGICAL SO-CIETY. Meets 1st Mondays in each month. N. P. BARNES, M.D., President. JESSE SHOUP, M. D., Secretary.
- WASHINGTON OBSTETRICAL AND GYNECO-LOGICAL SOCIETY. Meets 1st and 3d Fridays of each month at members' offices. THOS. C. SMITH, M.D., President. EDWARD E. MORSE, M.D., Corresponding Secretary. J. THOS. KEL-LEY, JR., Recording Secretary.



.

MEDICAL COLLEGES OF BALTIMORE, 1899.

- 1. University of Maryland.
   4. Johns Hopkins Medical School.

   2. Baltimore Medical College.
   5. Woman's Medical College.

   3. College of Physicians and Surgeons.
   6. Maryland Medical College.

   7. Baltimore University of Medicine.

# COLLABORATORS FOR 1899.

# MARYLAND MEDICAL JOURNAL.

#### General Medicine.

- WILLIAM OSLER, M.D., Professor of Medicine in the Johns Hopkins University, and Physician-in-Chief to the Johns Hopkins Hospital, Baltimore.
- WILLIAM B. CANFIELD, M.D., Lecturer on Clin-ical Medicine, University of Maryland: Visiting Physician to the Union Protestant Infirmary and Hospital for Consumptives.

#### Surgery

- RANDOLPH WINSLOW, M.D., Professor of Anat-omy and Clinical Surgery, University of Mary-land.
- J. D. BLAKE, M.D., Professor of Operative and Clinical Surgery, Baltimore Medical College; Surgeon to the Maryland General Hospital.
   J. W. CHAMBERS, M.D., Professor of Operative and Clinical Surgery, College of Physicians and Surgeons
- Surgeons.
- WALTER B. PLATT, M.D., Surgeon to the Robert Garrett Hospital for Children.

#### Orthopedic Surgery.

ROBERT TUNSTALL TAYLOR, M.D., Surgeon in Charge of the Hospital for the Relief of Crip-pled and Deformed Children; Clinical Professor of Orthopedic Surgery, Woman's Medical Col-lege; Demonstrator in Orthopedic Surgery, Bal-timore Medical College.

#### Genito-Urinary Surgery.

UGH H. YOUNG, A.M., M.D., Instructor in Genito-Urinary Surgery, Johns Hopkins Medical School; Genito-Urinary Surgeon to the Johns Hopkins Hospital. HUGH H.

# Pathology and Bacteriology.

- WILLIAM H. WELCH, M.D., Professor of Pathol-ogy in the Johns Hopkins Medical School; Pa-thologist to the Johns Hopkins Hospital.
- LEWELLYS F. BARKER, M.B., (Toronto), Asso-ciate Professor of Anatomy, Johns Hopkins Medical School; Assistant Resident Pathologist, Johns Hopkins Hospital.

#### Gynecology.

- B. B. BROWNE, M.D., Professor of Gynecology, Woman's Medical College.
   HOWARD A. KELLY, M.D., Professor of Gyne-cology and Obstetrics, Johns Hopkins Medical School.
- THCMAS S. CULLEN, M.B., (Toronto), Associate in Gynecology, Johns Hopkins Medical School.

#### **Obstetries.**

- GEORGE W. DOBBIN, M.D., Associate in Ob-stetrics, Johns Hopkins Medical School. WILMER BRINTON, M.D., Professor of Obstet-rics, Baltimore Medical College.
- WILLIAM S. GARDNER, M.D., Associate Profes-sor of Gynecology, College of Physicians and Surgeons.

#### Ophthalmology and Otology.

- HIRAM WOODS, Jr., M.D., Clinical Professor of Eye and Ear Diseases, University of Maryland, and Surgeon to the Presbyterian Eye, Ear and Throat Charity Hospital.
- H. O. REIK, M.D., Assistant in Ophthalmology and Otology, Johns Hopkins University, and Ophthalmic and Aural Surgeon to the Baltimore Eye, Ear and Throat Charity Hospital.
- A. D. McCONACHIE, M.D., Surgeon to the Pres-byterian Eye, Ear and Throat Hospital.

#### Psychiatry.

EDWARD N. BRUSH, M.D., Superintendent of the Sheppard and Enoch Pratt Hospital; Professor of Psychiatry, Woman's Medical College.

#### Dermatology.

T. C. GILCHRIST, M.D., Clinical Professor of Dermatology, Johns Hopkins University; Clin-ical Professor of Dermatology, University of Maryland.

Gastro-Intestinal Diseases and Clinical Laboratory Work. CHARLES E. SIMON, M.D., Late Assistant Resi-dent Physician, Johns Hopkins Hospital; Au-thor of "Clinical Diagnosis."

### Nervous Diseases.

GEORGE J. PRESTON, M D., Professor of Physi-ology and Clinical Professor of Nervous Dis-eases, College of Physicians and Surgeons.

#### Children.

- A. K. BOND, M.D., Clinical Professor of Diseases of Children, Baltimore Medical College.
- b) Children, Baltimore Medical College.
  HENRY DWIGHT CHAPIN, M.D., Professor of Diseases of Children; Post-Graduate Medical School of New York; Physician to the Demilt Dispensary; Attending Physician to the Babies' Ward, Post-Graduate Hospital.

# Physical Education, Hygiene and Sanitary Science.

DWARD MORTON SCHAEFFER, M.D., Mem ber of the American Association for the Ad-vancement of Physical Education. EDWARD

#### Materia Medica and Pharmacology.

HENRY P. HYNSON, Ph.G., President National Association of Retail Druggists; Chairman of Committee on Practical Pharmacy and Dispens-ing, American Pharmaceutical Association; Sec-retary of Maryland College of Pharmacy.

#### Throat and Chest.

JOHN N. MACKENZIE, A.M., M.D., Clinical Pro-fessor of Laryngology and Rhinology, Johns Hopkins Medical School; Laryngologist to the Johns Hopkins Hospital and Dispensary.

#### Hygiene and Epidemeiology.

JOHN S. FULTON, M.D., Secretary of the State Board of Health; Clinical Professor of Medicine, University of Maryland.

### Life Insurance and Vital Statistics.

CHARLES CARROLL BOMBAUGH, A.M., M.D., Author of "Stratagems and Conspiracies to De-fraud Life Insurance Companies."

#### History of Medicine.

EUGENE F. CORDELL, M.D., Professor of Prin-ciples and Practice of Medicine, Woman's Med-ical College; Author of "Historical Sketch of the University of Maryland," "Medical Annals of Baltimore."

#### State Medicine.

JOHN RUHRÄH, M.D., Quarantine Physician, and Associate Professor of Children, College of Physicians and Surgeons.

**Psychology and Medical Literature.** WILLIAM LEE HOWARD, M.D., Vice-President of the Medico-Legal Society.

# Veterinary Medicine.

A. W. CLEMENT, V.S., State Veterinarian.

# A CENTURY'S PROGRESS.

THE pages which follow contain matter as historically relevant as those which precede. The progress of practical and natural therapeutics is distinctively marked in the varied and extensive list of laboratory products, institutions, hygienic measures, medical and surgical appliances, and other articles of manufacture, so attractively displayed through our advertisements.

Turning from the pages of this JOURNAL to the advertising pages of that first venture in medical journalism in Maryland,\* one's interest is greatly heightened by the contrasted view. At that early date medical periodicals depended almost exclusively upon their subscription patronage for support. This probably accounts for the lack of stability that characterized these pioneer enterprises.

these pioneer enterprises. The successful journal of today enjoys through its advertising patronage a source of revenue which enables the publisher to maintain the standard of his publication and furnish it to the subscribers at a price commensurate with the cost of production.

This mutuality of interest existing between reader and advertiser is the basal principle on which successful journalism is founded. May the spirit of confederation and the element of consistency so strengthen this bond as the years grow apace and the centuries roll round, that thereby the standard of Medical Journalism may attain to the highest pinnacle of exalted purpose. We bespeak for our successors in the coming century the realization of these hopes and aims. '*Tis a consummation devoutly to be wished*.

\*The Baltimore Medical and Surgical Recorder. See half-tone reproductions, pages 276 and 277. THE MEDICAL JOURNAL CO. H. M. SIMMONS, M.D., Manager.

# MARYLAND MEDICAL JOURNAL ADVERTISERS, 1899.

Antikamnia Chemical Co.....St. Louis Arlington Chemical Co.....Yonkers American Embossing Co.....Buffalo Allen & Hanburys, Ltd.....New York Battle & Co.....St. Louis Baker, John C., & Co..... Philadelphia Brietenbach, M. J. Co ... New York Bartholomay Brewing Co.....Baltimore Branch Baltimore Medical College.....Baltimore Bischoff, C., & Co.....New York Bedford Springs Water Co.....Baltimore Bandusia Water Co.....Baltimore Baltimore Rubber Tire Co.....Baltimore Buckman Fruit Co.....Baltimore Buffalo Lithia Water.....Virginia City Steam Bottling House.....Baltimore Crittenton Co., The Chas. N.....New York Canton Dental and Surgical Chair Co.....Canton Columbian University, Medical Dept...Washington Castle, Wilmot & Co.....Rochester Carrollton Hotel......Baltimore Clement, Dr. A. W.....Baltimore Codman & Shurtleff.....Boston Daniel, John B.....Atlanta Dietz, R. E., Co.....New York Fellows, Jas. I.....New York Fairchild Bros. & Foster.....New York Frederick, The Purdue, Co.....New York Fleet, McGinley & Co. ..... Baltimore Fougera, E., & Co.....New York Flavell, G. W., & Bro.....Philadelphia Farbenfabriken of Elberfeld Co.....New York Foster Bros. Mfg. Co.... Baltimore Gundry Home, The Richard.....Catonsville Gundry's, Mrs., Sanitarium.....Catonsville Globe Manufacturing Co.....Battle Creek Geneva Mineral Water Co.....Baltimore Hynson, Westcott & Co......Baltimore Hesse, Chas. Henry.....Baltimore Hotel Rennert.....Baltimore Imperial Granum Co.....New Haven New Haven 

Mariana & Co	
Marchand, Chas	New York
Mulford Co., H. K	Philadelphia
Mellier Drug Co	St Louis
Maryland Veterinary Hospital	
Mellins Food Co	
McKesson & Robbins	
Melvale Distilling Co	
Maltine Manufacturing Co	
Medical and Standard Book Co	Baltimore
Moore's Pharmacy	Baltimore
Marks, A. A.	New York
Maltby House	
New York Pharmaceutical Co	
Od Chemical Co	
Parmele Co., Chas. Roome	
Phillips Chemical Co., Chas. H	
Planten & Son	
Parke, Davis & Co	Detroit
Peacock Chemical Co	St. Louis
Pomum Pharmacal Co	New Egypt
Pilling, Geo, P., & Son	
Rio Chemical Co	
Reed & Carnrick	
Resinol Chemical Co	
Robinson-Pettet Co	
Stafford, The	
Schieffelin & Co	
Sharp & Dohme	Baltimore
Scott & Bowne	New York
Schaeffer, Edward M., M.D.	Baltimore
Smith, Kline & French Co	Philadelphia
Standard Bath Cabinet Co	
Streett, E. O	
Sheppard and Enoch Pratt Hospi	
Sultan Drug Co	
Tyree, J. S	St. Louis Weahington
Tyree, J. S	washington
University and Bellevue Hosp. Med	L College. N. 1.
University of Maryland	Baltimore
Wampole & Co., Henry K	Philadelphia
Wheeler's Tissue Phosphates	
Walker-Green Pharmaceutical Co.	Kansas City
Willms, Chas., Surg. Instrument (	CoBaltimore
Warner, Wm. R., & Co	Philadelphia
Ware, Chas, H	Baltimore
Wiesel, John M.	Baltimore

ENNEMERSESSESSESSESSESNEMENNE

Eskay's Food

IS CALLED

# "Albumenized"

Because it contains Egg-Albumen in a form easily digested and assimilated.

Its Composition is Distinctive in this respect, as no other food contains animal matter in addition to cereals. To this is owing its success as a perfect nutrient for both Infants and Adults as it furnishes the system with just what it requires.

SIC DE CONCORTE CON

Send for samples and try it on your next case.

Smith, Kline & French Co., Manufacturers, Philadelphia, Pa.

THIS IS A FIKULAX TABLET.



As PALATABLE AS A DELIGIOUS CONFECTION YET POSSESSING THE

# PROPERTIES OF AN IDEAL LAXATIVE.

COMPLETE EVACUATION - NOT FOLLOWED BY CONSTIPATION -

Does not disturb digestion. Produces well formed stool. Preserves normal calibre of the lower bowel.

CHAS. ROOME PARMELE CO., 36 PLATT STREET, NEW YORK.



(Glycerine, Sherry Wine, Gentian, Taraxacum, Phosphoric Acid, Carminatives.) Formula DR. JOHN P. GRAY.

Neutralizes Acidity of the stomach and checks fer= mentation.

Promotes appetite, increases assimilation and does not constipate.

Indicated in Phthisis, Bronchitis, Anaemia, Malnutrition, Melancholia, Nervous Prostration, Catarrhal Conditions, General Malaise.

THE PURDUE FREDERICK CO.,

15 Murray St., New York.

Write for Samples.



# Uniformly Effective, Agreeable and Lasting,—the Standard Preparation of Erythroxylon Coca

During past 30 years most popularly used Tonic-Stimulant in Hospitals, Public and Religious Institutions everywhere.



We have received over 7000 written endorsements from PROMINENT PHYSI-CIANS in Europe and America.

FORMULA: The concentrated extract — the aromatic principle of the fresh Coca Leaf, blended with a special quality of grape juice of southern France. DOSE: Wine-glassful three times a day, or more or less at Physician's discretion.

Nourishes = Fortifies = Refreshes AIDS DIGESTION = STRENGTHENS THE SYSTEM

AGREEABLE TONIC-STIMULANT WITHOUT UNPLEASANT REACTION. To avoid disappointment please specify "Vin Mariani."

SOLD AT ALL PHARMACIES.

PARIS: 41 Boulevard Haussmann. LONDON: 239 Oxford Street. MONTREAL: 28 Hospital Street.

MARIANI & CO., 52 W. 15th St., New York.



E. FOUGERA & CO., New York.

SOLD BY ALL RETAIL DRUGGISTS AND JOBBERS.



# BARTHOLOMAY BREWERY CO. ROCHESTER, N. Y.

\* \* \*

Analysis by the United States Brewers' Academy of New York City. The beer contains in 100 parts:

Alcohol, -	4.07%	Extract,	-	6.97%
Sugar -	1.84	Dexterine,	-	2.77
Albumoids, -	0.57	Lactic Acid		0.19
Mineral substances		Hop extrac	et, etc.	1.42
Original extract of			-	14.7
Real degree of ferr	mentati	on	-	52.6

The beer is well brewed and free from unconverted starch; also well fermented, and has a good flavor and a very good and pure taste. Notwithstanding the ab-sence of salicylic acid, the same shows very good keep-ing qualities, and represents a highly nutritive beverage of corsolitant sources. of excellent quality.

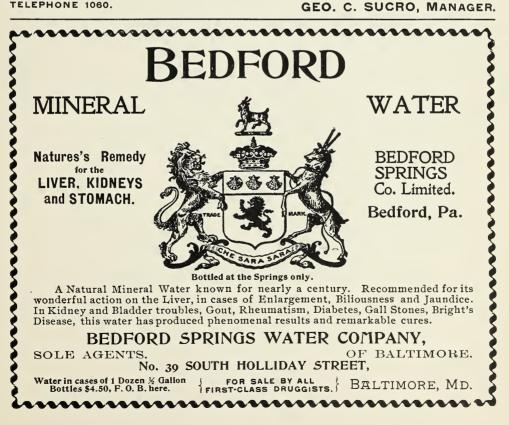
None Genuine Unless Having Our Label and Trade Mark.

12 12 12

Baltimore Branch Office and Depot.

227 to 239 SOUTH CENTRAL AVENUE, Baltimore, Md.

TELEPHONE 1060.



# IN THE MANY CASES

where one of the principal problems is, <u>how to</u> <u>nourish the patient</u>, PANOPEPTON will be found most useful and acceptable. Panopepton contains the nutritive constituents of beef and wheat in a soluble and freely absorbable form.

PANOPEPTON is likewise of the utmost value for the nutrition of the sick in cases where every other resource has failed.

The life-sustaining powers of PANOPEPTON are also very remarkable, the administration of a few drops having frequently proved the turning-point to recovery in most critical straits, due to irritability, teebleness or abeyance of the digestive functions. FAIRCHILD BROS & FOSTER, New York.



No. 300 N. HOWARD STREET, Baltimore, Md. Rustrated Catalogue, over 500 pages, sent Free upon Application.

## **ECTHOL**, NEITHER ALTERATIVE NOR ANTISEPTIC IN THE SENSE IN WHICH THOSE WORDS ARE USUALLY UNDER-STOOD. IT IS ANTI-PURULENT, ANTI-MORBIFIC--A CORRECTOR OF THE DEPRAVED CONDITION OF THE FLUIDS AND TISSUES.

SAMPLE (12-oz.) BOTTLE SENT FREE ON RECEIPT OF 25 CTS.

FORMULA:--Active principles of Echinacia and Thuja. BROMIDIA IODIA PAPINE

BATTLE & CO., CORPORATION, ST. LOUIS, MO., U.S.A.

vii

# Reliable Dedical Suggestions

#### How to Treat a Cough

In an able article under the above heading in the *New York Medical Journal*, Edwin Geer, M. D., Physician in Charge of the City Hospital Dispensary; also Physician in Chief, Outdoor Department, Maryland Maternite Hospital, Bal-timone with: timore, writes:

Timore, writes:— "The object of this brief paper is not to try to teach my colleagues how to treat a cough, but simply to state how I do it, what good results I get, and to call their attention to those lighter affections of the throat and chest the principal symptom of which is an annoying cough, for which alone we are often consulted. The patient may fear an approaching pneumonia, or be cough may cause loss of sleep and detention from business. What shall we do for these coughs? It has been my custom for some time to treat each of the conditions after this general plan: If constipation is present, which is generally the case, I find that small doses of calomel and soda open the bowels freely, and if they do not, I follow them with a saline purgative; then I give the following: B Antikamnia and Codeine Tablets. No. xxx.

R Antikamnia and Codeine Tablets, No. xxx Sig.: One tablet once every four hours.

Sig.: One tablet once every four hours. "The above tablet contains four grains and three-quarters of antikamnia and a quarter of a grain of sulphate of codeine, and is given for the following reasons: The antikamnia has a marked influence over any febrile action, restores natural activity to the skin, and effectually con-trols any nervous element which may be in the case. The action of the codeine is equally bene-ficial, and in some respects enforces the action of its associate. The physiological action of codeine is known to be peculiar, in that it does not arrest secretion in the respiratory or intestinal tracts,

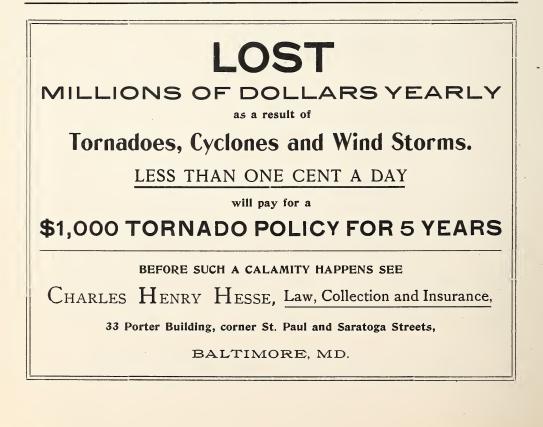
while it has marked power to control inflamma-tion and irritation. It is not to be compared with morphine, which increases the dryneess of the throat, thus often aggravating the condition, while its constipating effect is especially un-desirable."

#### The London Lancet's Endorsement

"Antikamnia is well spoken of as an analgesic and antipyretic in the treatment of neuralgia, rheumatism, lagrippe, etc. It is a white powder of a slightly bitter taste and alkaline reaction. It is not disagreeable to take, and may be had either in powder or tablet form, the latter in five-grain size. It is described as not a preven-tive of, but rather as affording relief to, existent pain. It appears to exert a stimulating rather than a depressing action on the nerve centers and the system generally."

#### The Prompt Solution of Tablets

We are glad to know that the Antikamnia people take the precaution to state that when prompt effect is desired the Antikamnia Tablets should be crushed. Itso frequently happens that certain unfavorable influences of the stomach may pre-vent the prompt solution of tablets, that this suggestion is well worth heeding. Antikamnia itself is tasteless, and the crushed tablet can be placed on the tongue and washed down with a swallow of water. Proprietors of other tablets would have had better success if they had given more thought to this question of prompt solu-bility. Antikamnia and its combinations in tablet form are great favorites of ours, not because of We are glad to know that the Antikamnia people form are great favorites of ours, not because of their convenience alone, but also because of their therapeutic effects.—The Journal of Practical Medicine.



#### Always the same. A standard of antiseptic worth.

# LISTERINE.

LISTERINE is a non-toxic, non-irritating and non-escharotic antiseptic, composed of ozoniferous essences, vegetable antiseptics and benzo-boracic acid.

LISTERINE is to make and maintain surgical cleanliness in the antiseptics and prophylatic treatment and care of all parts of the human body.

LISTERINE is invaluable in obstetrics and gynæcology as a general cleansing, prophylactic, or antiseptic agent.

LISTERINE is useful in the treatment of the infectious maladies which are attended by inflammation of accessible surfaces-as diphtheria, scarlet fever and pertussis.

LISTERINE diluted with water or glycerine speedily relieves certain fermentative forms of indigestion.

LISTERINE is indispensable for the preservation of the teeth, and for maintaining the mucous membrane of the mouth in a healthy condition.

LISTERINE is of accurately determined and uniform antiseptic power, and of positive originality. LISTERINE is kept in stock by all worthy pharmacists everywhere.

# Lambert's Lithiated Hydrangea.

A valuable renal alterative and antilithic agent of marked service in the treatment of Cystitis, Gout, Rheumatism, and diseases of the Uric Diathesis generally.

#### Literature upon application.

Lambert Pharmacal Company, St. Louis.

A satisfactory remedy for Rheumatism and Gout. 1EV Is a natural and PRONOUNCED ANTI-LITHIC in the treatment of all diseases arising from the URIC ACID DIATHESIS. It alkalinizes the urine, dissolves hepatic, vesical and renal calculi; elim inates toxic accumulations in the blood and tissues, modifies the nutrition and stimulates renal insufficiency. WHAT EMINENT AUTHORITIES SAY: Roberts, Sir William: ... Yson: ... "The conditions which cause the precipitate of uric acid are: 1st-High acidity. and-Poverty in mineral salts. 3rd - Low Pigmentation. 4th-High percentage of uric acid." "Uric acid is dissolved by alkalies; the object in treatment is to **alkalinize the urine** with a a view of keeping the uric acid in solution." -(Tyson's Practice, page 689). -(Osler's Practice, page 773). GIVE IT A TRIAL AND BE CONVINCED OF ITS STERLING VALUE.

#### Depot, 227 North Charles Street.

Phone 724, Home.



is the best heat dissipator of the aromatic series of synthetic

(C14H15NO3) drugs and a thoroughly

SAFE, EFFICIENT, AND RELIABLE ANTIPYRETIC. ANALGETIC, AND NERVE CALMATIVE.

In its PHYSIOLOGICAL ACTION it is a true THERMOTAXIC and acts by restoring the normal heat regulating powers of the nervous system. It prevents the formation of heat by stopping increased tissue combustion through its sedative and controlling influence over the nervous centre. Its antiseptic properties are very manifest in all fevers caused by micro-organisms or leacomaines. In

septic and albumose fevers and headaches, its success is remarkable.

A specific in enteric fever.

DOSE-FIVE TO FIFTEEN GRAINS.

THEM WITH CON Comprising the Glycero-Phosphates of Iron, Quinine, Manganese, Strychnine, Calcium, Sodium and Potassium.

SAM

Made from Glycerino-Phosphoric Acid. The "phosphorus of the system" and the base of nerve tissue. Lecithen is a Glycero-Phosphate of Neurin, the albuminous base of nerve tissue, therefore our preparation is the active constituent of life, or physiological phosphorus.

The physiological action is one of acceleration of metabolism and the nitrogenous exchanges, favoring the assimilation of albuminoid substances and the increase of the excretion of nitrogen. It helps the assimilation of the phosphates of the food and affords a protective influence to the combined phosphorus in the system.

A Decided Improvement Over the Hypophosphites.

is a preparation of Bismuth contain-

(Bi<sub>4</sub>C<sub>7</sub>H<sub>7</sub>I<sub>2</sub>O<sub>5</sub>) ing iodine in an unirritating form, and not readily decomposed. It is an alterative and stimulating antiseptic, possessing desiccating, deodorizing and sedative properties.

Very valuable in all catarrhal and ulcerative conditions, especially of the stomach and intestines. Its desiccating property makes it a powerful hemostatic in gastric and intestinal hemorrhage; in Gastroenteritis, Dysentery or Cholera Infantum it will not disappoint.

DOSE-ONE TO TEN GRAINS AS OCCASION REQUIRES. As an external application it has a wide

> field of usefulness, especially in chancroid, rhinitis, suppurative otitis media, indolent ulcers, ES etc., etc.

REQUE 1 PLES FOUR AMERICAN ORGANIC ENCr COMPOUNDS

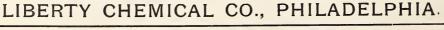
AWAIT YOUR

#### (LIO, FERRO ET MANGANO PEPTONATUS)

Ш

The days for iron filings to be given the patient are gone. Organic Chemistry now enables us to give iron in the same form that it naturally exists in the system. Fermang is an organic union of Albumen, Iron and Manganese. It is devoid of any injurious effects on the teeth and rich in the oxidizing properties of iron and manganese. Being a true peptonate, it does not need to be chemically changed or digested, but is assimilated directly into the system.

The scientifically educated physician thus appreciates its therapeutic effect in all forms of Anaemia, Chlorosis, etc., etc.



HYNSON, WESTCOTT & CO., WHOLESALE AGENTS FOR BALTIMORE.

# AN AUTOMOBILE

will soon be a part of the doctor's equipment, but while it will probably contribute to his comfort it will never be so essential to his success as are our soluble hypodermic tablets—the "cold water" kind that never fail to dissolve quickly and act promptly.

Have you tried them?

If yes, we feel sure you will continue to use them; if no, samples will gladly be

# SENT FREE

# SHARP & DOHME

BALTIMORE

CHICAGO

715

NEW YORK

 $\mathbf{X}$ 1

# INSOMNIA

Daniel's Conct. Pr. Passiflora Incarnata acts promptly in relieving sleeplessness where morphia, opium, and the bromides are ineligible, and where constipation is to be avoided. WRITE FOR LITERATURE.

JNO. B. DANIEL, Atlanta, Ga.

PASSIFLORA INCARNATA

(DANIEL'S CONCT. TINCT.)

For Sale by Leading Wholesale Drug Firms of the United States.

\_\_\_\_\_\_

for Bowel and Liver Torpor. Under its use the Hepatic Chionia Secretions resume their normal function, hence, it is the remedy for constipation, as it does not dispose the bowels to subsequent costiveness. Dose-One fluid drachm three times a day.

# Peacock's Bromides for All Forms of Congestion.

Definite Strength. Absolute Purity. Dose-One or two fluid drachms, in water, three or more times a day, as indicated.

#### PEACOCK CHEMICAL CO.,

112 N. Second St., St. Louis.

36 Basinghall St., London,



# Granular Effervescent Salicylates •

containing 5 grs. each, Ammonium and Strontium Salicylates with 2 grs. Lithium Bitartrate to each dessertspoonful,

#### is the ideal Salicylic Compound

It exerts the therapeutic effects of Salicylates in half the quantity and time required by any other preparation.

#### It never Nauseates

Does not irritate the kidneys, is promptly eliminated and never induces toxic symptoms. Indicated in Rheumatism, Neuralgia, Lithemia and all conditions requiring salicylates and lithium.

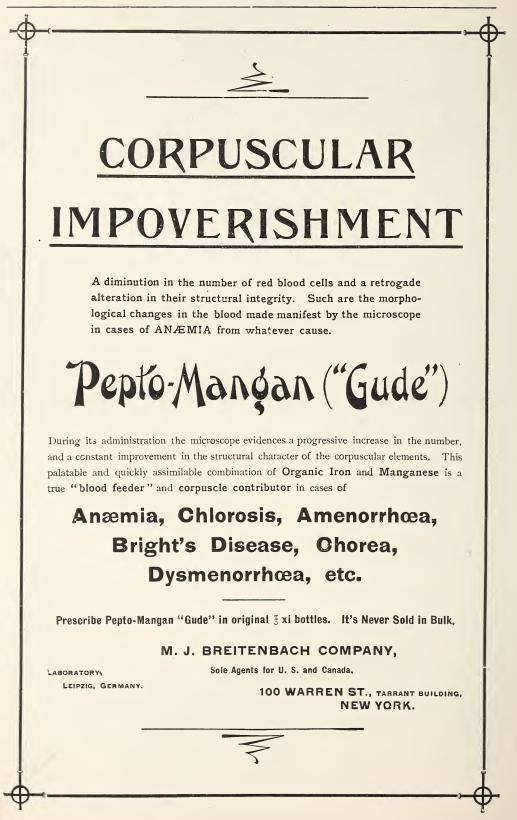
Per doz. 1 oz. bottles, \$1.50 Per doz. 4 oz. bottles, \$4.50 Per pound \$1.25

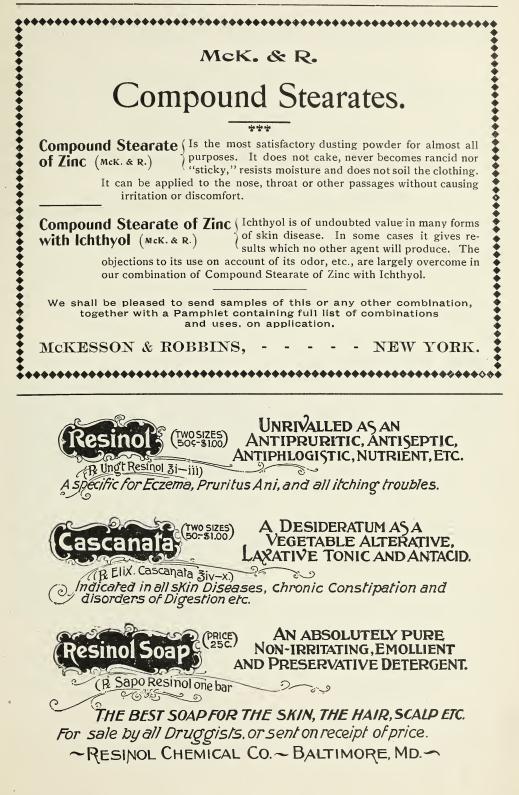
Sent express prepaid upon receipt of price. Write for Literature. H. K. MULFORD COMPANY

Chemists

PHILADELPHIA

CHICAGO





# **Robinson's Elixir Paraldehyd.**

#### HYPNOTIC, SEDATIVE, ANODYNE, DIURETIC.

# INDICATIONS: SLEEPLESSNESS, IRRITABILITY, NERVOUS-

N doses of 45 grains, it calms restlessness and insomnia, and procures unbroken sleep of from four to seven hours duration, leaving behind neither languor, nausea nor digestive disorders. It is proposed as possessing the good without the evil qualities of Choral.

Our Elixir contains 45 grains of the Paraldehyd in each fluid ounce, dissolved in an aromatic menstruum whereby the objectionable taste of the chemical is to a great extent disguised, and the preparation rendered palatable.

Dose.-Two to eight fluid drachms. Pint Bottles, \$1.50.

N. B.-We also make 25 per cent. strength. Price Per Pint, \$2.00.

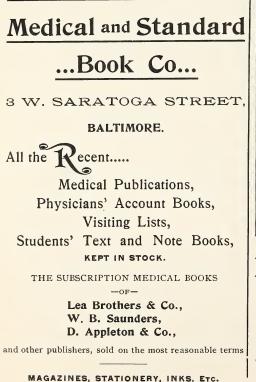
#### MANUFACTURE ALSO ROBINSON'S

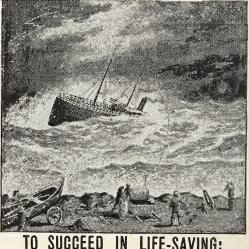
Hypophosphites, Nutritive, Tonic, Alterative. Hypophosphites and Wild Cherry Bark, a very Valuable Combination. Lime Juice and Pepsin, Valuable Digestive Agent. Aromatic Fluid Pepsin, Dyspepsia, Indigestion or any Digestive Disorders. Phosphoric Elixir, Modified Form Chemical Food. Please specify ROBINSON'S. Wine Cocoa, Nerve Stimulant, and

Flexner's Albuminate Iron Preparations.

Interesting Pamphlets sent on applicatio 1 to Physicians.

ROBINSON-PETTET CO., Incorporated, Manufacturing Pharmacists. Louisville, Ky.





Elixir Six Bromides, for Nervousness. Elixir Six Hypophosphites, for Debility. Elixir Six Aperiens, for Constipation. Elixir Six Iodides, for Blood Impurities. WALKER-GREEN PHARMACEUTICAL CO. (Incorporated.) Office., 180 WEST REGENT STREET, GLASGOW, SCOTLAND. Western Depot U: S:A. Vestem Depot U: S:A. 17 W. 5TH STREET, KANSAS CITY, MO. PAMPHLET WILL BE SENT FREE. A useful Souvenir will be sent free on application.



Temperature 55 4	° F.
Conditioncl	ear.
Odor faintly sulphu	rous
Reaction faintly a	icid.
Taste meta	llic.

Examined September 17, 1898, at Spring.

#### **One Million Parts Contain:**

Residue upon Evaporation
Residue upon Ignition 103 0 "
Volatile 20.0 "
Ammonianone.
Nitrates as Nitric Acid 2.0 parts.
Nitritesnone.
Sodium Chloride16.78
Potassium Chloride 7.79
Potassium Sulphate 3.60
Magnesium Chloride 3.16
Magnesium Bicarbonate 19.24
Calcium Bicarbonate

Ferrous Bicarbonate.....16.47 Ferrous Arseniate ..... 0.96 Barium Sulphate ..... 0.14 Copper Sulphate..... 0.50 Zinc Sulphate..... 4.93 Silica.... 45.10 Caprinic Acid ..... 3.875 Free Carbonic Acid ..... 14.62 Cubicentimeters. Hydrosulphuric Acid ..... .... .... .... Cubicentimeters.

In one Liter. Traces of fragrant bodies of the Terpen-series.

C. GLASER, ANALYTICAL CHEMIST.

#### BANDUSIA WATER COMPANY,

W. S. FARMER, Manager

21 South Gay Street, Baltimore, Md.

# SOUTHERN RAILWAY.

#### THE GREATEST SOUTHERN SYSTEM.

Operating Three Fast Limited Vestibuled Trains Daily. **Convenient Schedules. Pullman Sleeping Cars. Dining Cars.** REACHING ALL POINTS SOUTH, SOUTH-WEST AND WEST. FLORIDA, CUBA, NEW ORLEANS, TEXAS, MEXICO AND CALIFORNIA. **NOW IS THE TIME TO VISIT ASHEVILLE, N. C.** Situated in "The Land of the Sky." Beautiful Scenery. Delightful Climate. Best Hotels.

#### CHESAPEAKE AND YORK RIVER LINES.

- Southern Railway trains make close connection at Norfolk and Richmond with the elegant Steamers of the above lines for Baltimore and all points North and East.
- Steamer leaves Norfolk daily (except Sunday) 5.45 P. M. Arriving Baltimore 7.00 A. M., with close connection with Baltimore & Ohio and Pennsylvania Railroads for the North and East.
- Southern Railway train leaves Richmond every Monday, Wednesday and Friday 4.30 P.M., making close connection with Steamer at West Point; leaving 6.00 P. M. arriving Baltimore 8.30 A. M., where close connection is made for the North and East.
- For all information as to rates, schedules, tickets and other information, call on or address

T. H. McDANNELL, Traffic Passenger Agent C. & Ry. Lines, 530 Light St., BALTIMORE, Md

xvii



## Trophonine

a palatable and nutritious liquid food, contains the nutritive elements of beef, egg-albumen, and wheat gluten, so prepared as to be readily absorbed and aid almost immediately in the process of reconstruction. It furnishes the sick with the largest possible supply of nourishment and with the minimum tax on the digestive organs.

## Protonuclein

by icreasing the number of Leucocytes, destroys toxic germs, increases the inherent resistance to disease, quickens glandular activity, arouses the nutritive forces, gives tone to the system, and stimulates cell-life throughout the organism. . . . . . . .

## Peptenzyme

is the only perfect digestive. It digests every variety of food. In physiological activity it presents the active and mother ferments of the entire group of digestive organs. It aids digestion by furnishing an additional supply of protoplasmic material out of which active ferments are elaborated, and perfects the process by increasing cellular activity.

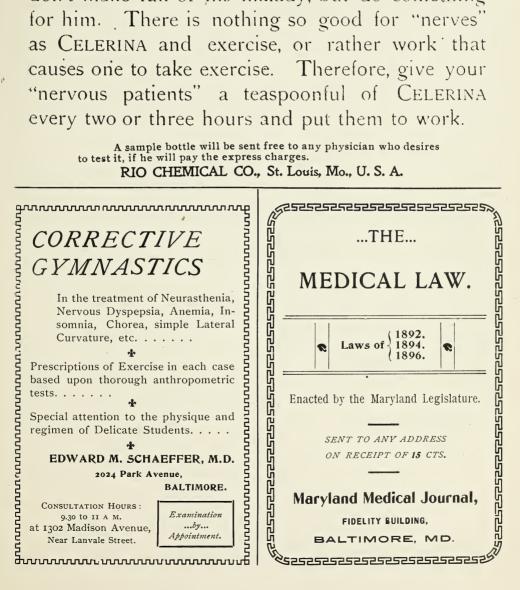
Samples and literature on request.

Reed & Carnrick,

New York.

"ONLY A LITTLE NERVOUS." -- Can you imagine anything worse than being "only a little nervous"? Is there any suffering greater than being "only a little nervous"? All nervous patients know that there is no unhappiness more terrible than being "only a little nervous." My Dear Doctor, don't call your nervous patient a crank, don't make fun of his malady, but do something for him. There is nothing so good for "nerves" as CELERINA and exercise, or rather work that causes one to take exercise. Therefore, give your "nervous patients" a teaspoonful of CELERINA every two or three hours and put them to work.

> A sample bottle will be sent free to any physician who desires to test it, if he will pay the express charges. RIO CHEMICAL CO., St. Louis, Mo., U. S. A.





#### Mrs. Gundry's Sanitarium, (MT. HERBERT)

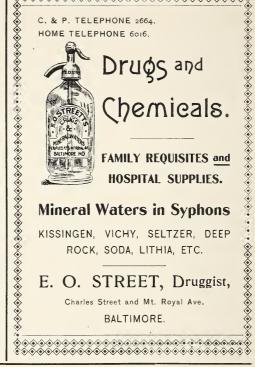
CATONSVILLE, MD.

A quiet, home-like establishment for the care and treatment of a limited number of women suffering with nervous and (mild) mental diseases.

Healthfully situated. Terms reasonable. For further information, address

MRS. M. M. GUNDRY, or DRS. L. H., or A. T. GUNDRY, CATONSVILLE, MD.

TELEPHONE-CATONSVILLE-480.



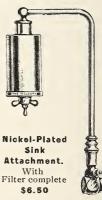
THE WOLCOTT GERM-PROOF FILTER from a sanitary standpoint perfectly fulfills all requirements, and with the Wo'cott Patent Swivel Attachment, (cut 1-7 size), is the most simple, durable and efficient Filter

ever made.

It requires no plumbing, fits any pipe. Filter turns back when not in use and Faucet can always be used independent of Filter. Every one guaranteed perfect. Shipped promptly on receipt of price, or C.O.D. Also have small size Filter that we mail for \$1.25 each.

N. C. HALL & CO.

108 Fulton St.



#### Emmenagogue An

Nickel-Plated BASIN cr BUTLERS' PANTRY.

Fixture with

plete.. \$9.50

com

Filter

that gives RESULTS in 90 per cent. of all cases of Amenorrhoea is worth having! Our "Caps. Emmena. Comp. (Pomum)" will Better look into this, do this. Doctor. Our literature and special offer on request.

POMUM PHARMACAL CO. NEW EGYPT, N. J.

#### THE MEDICAL LAW.

NEW YORK.

Laws of 1892,'94,'96, enacted by the Maryland Legislature Sent to any address on receipt of 15 cents.

#### MARYLAND MEDICAL JOURNAL,

Fidelity Building,

Charles and Lexington Sts.

BALTIMORE.

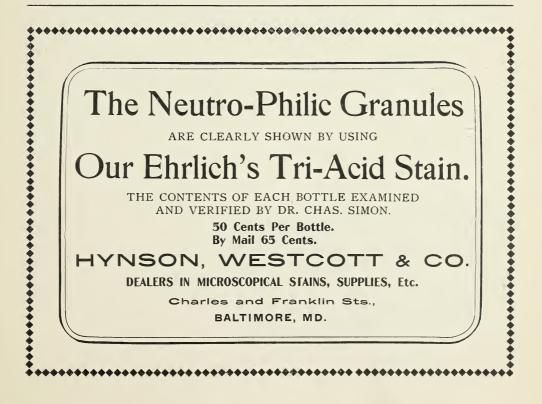


## WHEELER'S TISSUE PHOSPHATES.

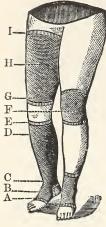
<sup>6</sup> Wheeler's Compound Elixir of Phosphates and Calisaya.<sup>6</sup> A Nerve Food and Nutritive Tonic for the treatment of Consumption, Bronchitis, Scrofula and all forms of Nervous Debility. This elegant preparation combines in an agreeable Aromatic Cordial, in the form of a Glycerite acceptable to the most irritable conditions of the stomach; Bone Calcium Phosphate Ca<sub>2</sub>2PO<sub>4</sub>, Sodium Phosphate Na<sub>2</sub>HPO<sub>4</sub>, Ferrous Phosphate Fe<sub>3</sub>2PO<sub>4</sub> Trihydrogen Phosphate H<sub>3</sub>PO<sub>4</sub>, and the active principles of Calisaya and Wild Cherry. The special indication of this combination of Phosphates in Spinal Affections, Caries, Necrosis, United Fractures, Marasmus, Poorly Developed Children, Retarded Dentition, Alcohol, Opium and Tobacco Habit, Gestation and Lactation, to promote Development, etc., and as a physiological restorative in Sexual Debility and all used-up conditions of the Nervous System should receive the careful attention of geoded therapeutists.

In all Debility and all used-up conditions of the Netvous System should total total and a state of the system and a state of the system. The system and a state of the system and a state of the system and a state of the system. The system and a state of the system and a state of the system and a state of the system. The system and a state of the system and a state of the system. The system and a state of the system and a state of the system. The system and the system and a state of the system. The system and the system and the system. The system and the system are the system. The system and the system and the system. The system and the system and the system. The system and the system are the system. The system are stated at the system are stated at the system. The system are stated at the system are stated at the system. The system are stated at the system are st

To prevent substitution, put up in pound bottles only and sold by all Druggists, at One Dollar.



xxi



## ELASTIC STOCKINGS, ETC.

	Prices to	Physicians.	Stout Silk each	Fine Silk each	Thread each		
	Stockings from	A to E	\$2.50	\$2.00			
		A to G	4.00		2 50		
	66 66	A to I	5 50	4 50	4.00		
	Knee Cap "	E to G	· · · · I.50. · · · ·	· · · · · · I.25. · · · · ·	i.oo		
	Legging "	C to E	· · · · I.25 · · · · ·	1.50	I.00		
	Anklet "	A to C	···· 1.50	····· 1.25 ·····	I.00		
DIRECTION FOR MEASUREMENT:-Give exact circumference and length							
	in all cases. W	Ve allow for expa	ansions.				

Goods Sent by Mail on Receipt of Price or Express C. O. D.

#### G. W. FLAVELL & BRO., Manufacturers,

1005 Spring Garden Street, PHILADELPHIA, PA.

Seng Indicated in Stomach Derangements. It increases the flow of the Digestive juices, thereby causing the stomach to do its own work, without the aid of artificial digestants. Dose—One or more teaspoonfuls three times a day.

## CACTINA PILLETS. The HEART REGULATOR.

Dose-One Pillet every hour, or less often, as required.

SULTAN DRUG CO., St. Louis and London.



#### Always Specify Planten's on Orders.

#### CAPSULES.

H. PLANTEN & SON, Manufacturers of over 400 Varieties of Filled and Empty Gelatine Capsules. (ESTABLISHED 1836.) NEW YORK.

#### UNIVERSITY OF MARYLAND SCHOOL MEDICINE OF

BERNARD CARTER, ESQ., PROVOST.

GEO. W. MILTENBERGER, M. D., Emeritus Professor of Obstetrics. SAMUEL C. CHEW, M. D., Professor of Principles and Practice of Medicine and Clinical Medicine. WILLIAM T. HOWARD, M. D., Emeritus Professor of Diseases of Women and Children. JULIAN J. CHISOLM, M. D., L.L. D., Emeritus Professor of Eye and Ear Diseases. FRANCIS T. MILES, M. D., Professor of Physiology and Clinical Professor of Diseases of the Nervous System. L. MCLANE TIFFANY, M. D., Professor of Clinical Surgery. I. E. ATKINSON, M. D., Professor of Therapeutics and Clinical Medicine. R. DORSEY COALE, Ph. D., Professor of Chemistry and Toxicology. RANDOLPH WINSLOW, M. D., Professor of Anatomy and Clinical Surgery.

L. E. NEALE, M. D., Professor of Obstetrics.

C. W. MITCHELL, M. D., Professor of Diseases of Children and Clinical Medicine.

> T. A. ASHBY, M. D., Professor of Diseases of Women.

HIRAM WOODS, JR., M. D., Clinical Professor of Eye and Ear Diseases.

J. HOLMES SMITH, M. D., Associate Professor of and Demonstrator of Anatomy.

CASPER O. MILLER, M. D., Associate Professor of Histology and Pathology.

J. MASON HUNDLEY, M. D., Clinical Professor of Diseases of Women.

THOMAS C. GILCHRIST, M. B., Clinical Professor of Dermatology.

JOHN C. HEMMETER, M. D., Ph. D., Clinical Professor of Diseases of the Stomach.

JOSEPH T. SMITH, M. D., Lecturer on Medical Jurisprudence and Hygiene and Clinical Medicine.

For Circulars and any other information apply to C. W. MITCHELL, M. D., Dean, 1021 CATHEDRAL STREET.

# The Baltimore MEDICAL COLLEGE.

Preliminary Fall Course begins September 1st. Regular Winter Course begins October 1st,

EXCELLENT Teaching Facilities; Magnificent New College Buildings; Superb Lecture Halls; Large and Completely Equipped Laboratories; Capaci-ous Hospitals and Dispensary; Lying-in Department for teaching Clinical Obstetrics; Large Clinics. Send for Catalogue, and address

DAVID STREET, M.D., Dean,

N. E. Corner Madison Street and Linden Avenue, BALTIMORE, MD.

#### University of Pennsylvania DEPARTMENT OF MEDICINE.

The 134th ANNUAL SESSION will begin Monday, October 2, 1899, at 12 M., and will end at Commence-ment, the second Wednesday in June. The Curriculum is graded, and attendance upon four Annual Sessions is required. College gradu-ates in Arts or Science, who have pursued certain Biological studies, are admitted to advanced standing. standing.

Standing. Practical Instruction, including laboratory work in Chemistry, Histology, Osteology, Bacteriology, Physiology and Pathology, with Bedside Instruction in Medicine, Surgery, Gynæcology and Obsterics, is a part of the regular course, and without additional expense.

For catalogue and announcement, containing particulars, apply to DR. JOHN MARSHALL, DEAN, 36th St. and Woodland Avenue, Philadelphia.

## Che University and Bellevue Hospital Medical College.

The union of the Medical Department of the New York University and the Bellevue Hospital Medical College projected in 1897 has been consummated. The two medical schools now united and with greatly increased facilities and an enlarged faculty, will be conducted as the Medical Department of the New York University.

The Session begins on Monday, October 3, 1898, and continues for thirty-two weeks. Attendance on four courses of lectures is required for graduation. Graduates of other accredited Medical Colleges are admitted to advanced standing. Students who have attended one full regular course at another accredited Medical College are admitted as second-year students without medical examination. Students are admitted to advanced standing either on approved credentials from other Medical Colleges or after examination on the subjects embraced in the curriculum of this College. of this College.

It is designed to make this pre-eminently a school of practical medicine, and the course of instruction has been arranged with this purpose constantly in view.

The annual circular for 1898-9, giving full details of the curriculum for the four years, the Regents' requirements for matriculation, requirements for graduation and other information, will be published in June, 1898.

Address Egbert LeFevre, Corresponding Secretary, 26th St. and First Ave., New York City.



MARYLAND MEDICAL JOURNAL, Fidelity Building, Baltimore, Md.



# -BUFFALO LITHIA WATER-

In URIC ACID DIATHESIS, GOUT, RHEUMATISM, BRIGHT'S DISEASE, etc.

Dr. J. W. Mallet, Professor of Chemistry, University of Virginia: Extract from report of analysis of Calculi discharged by patients under the action of BUFFALO LITHIA WATER:—"It seems on the whole probable that the action of the water is primarily and mainly exerted upon Uric Acid and the Urates, but when these constituents occur along with and as cementing matter to Phosphatic or Oxalic Calculous materials, the latter may be so detached and broken down as to disintegrate the Calculous as awhole in these cases, also thus admitting of Urethral discharge."

Dr. Thomas H. Buckler, of Paris (formerly of Baltimore), Suggestor of Lithia as a solvent for Uric Acid, says: "Nothing I could say would add to the well-known reputation of the BUFFALO LITHIA WATER. I have frequently used it with good results in Uric Acid Diathesis, Rheumatism, and Gout, and with this object I have ordered it to Europe, from Coleman & Rogers of Baltimore. Lithia is in no form so valuable as were it exists in the carbonate, the form in which it is found in BUFFALO LITHIA WATER, Nature's mode of solution and division in water which has passed through Lepidolite and Spodumene mineral formations."

Hunter McGuire, M. D., LL. D., President and Professor of Clinical Surgery University College of Medicine, Richmond, Acid, Gravel, and indeed, in diseases generally dependent upon a Uric Acid Diathesis, it is a remedy of extraordinary potency. I have prescribed it in cases of Rheumatic Gout. which had resisted the ordinary remedies, with wonderfully good results. I have used it also in my own case. being a great sufferer from this malady, and have derived more benefit from it than from any other remedy."

James L. Cabell, M. D., A. M., LL. D., formerly Professor of Physiology and Surgery in the Medical Department of the University of Virginia, and President of the National Board of Health, Charlottesville, Va., says: "BUFFALO LITHIA WATER, in Uric Acid Diathesis is a wellknown Therapeutic Resource. It should be recognized and prescribed by the profession as an article of Materia Medica."

Dr. J. Allison Hodges, Professor of Anatomy and Clinical Professor of Nervous and Mental Diseases, University College of Medicine, Richmond, Va., before the Medical Society of Virginia, session of September, 1896, said : "Personally he had seen beneficial results from BUFFALO LITHIA WATER, Spring No. 2, in Uric Acid Diatnesis, that had been accomplished by no other mode of treatment, and they were due not to the amount of H20 ingested, but unquestionably to the specific action of the solvent properties of the Water itself."

Dr. Allard Memminger, prescribe for others, BUFFALO LITHIA WATER for Uric Acid trouble with excellent results, and I regard it as the safest, surest and most agreeable way of removing from the system this most pernicious derivative of Urea, Uric Acid, the retention of which is followed by so many distressing symptoms, embracing Gout, Calculi of the Kidney and Bladder, Herpetiform Neuralgic affections, cases of Mental Depression and Nervous Irritability and Nervous Asthma, caused by the irritating action of Uric Acid on the Bronchial tubes."



Water in Cases of One Dozen Half-Gallon Bottles, \$5.00. F. O. B. Here.

THOS. F. GOODE,

Sold by all First-Class Druggists.

Proprietor, Buffalo Lithia Springs, Virginia.

# -BUFFALO LITHIA WATER-

In ALBUMINURIA OF BRIGHT'S DISEASE, PREGNANCY and SCARLET FEVER.

- Dr. Alfred L. Loomis, Professor of Pathology and Practical Medicine in the Medical Department of the University of New York, wrote: "For the past four years I have used BUFFALO LITHIA WATER in the treatment of Chronic Bright's Disease of the Kidneys, occurring in Gouty and Rheumatic Subjects, with marked benefit."
- Dr. Græme M. Hammond, of New York, Professor of Diseases of the Mind and Nervous System in the New York Post-Graduate Medical School and Hospital: "In all cases of Bright's Disease of the Kidneys, I have found BUFFALO LITHIA WATER of the greatest service in increasing the quantity of urine and in eliminating the albumin."
- Dr. Wm. H. Drummond, Nephritis (Bright's Disease of the Kidneys) of Gouty and Rheumatic origin, as well as in the graver Albuminuria of pregnancy, I have found BUFFALO LITHIA WATER to act as a veritable antidote, and I know of no other natural agent possessing this important quality."
- Dr. W. H. Doughty, Professor of Materia Medica and Therapeutics, Medical College of Georgia: "Over the Nausea and Vomiting of Pregnancy, particularly in the latter months, where Uræmic conditions are possibly established, and in Puerperal Convulsions, Uræmia co-existing, BUFFALO LITHIA WATER often exerts marked control."
- Dr. M. L. James, Richmond, Va., Emeritus Professor of Practice of Medicine, Medical College of Virginia, reported to the Richmond Academy of pregnancy, attended by marked Edema, and by Uræmic Poisoning to such an extent as very seriously impaired her vision, relieved by the free use of this Water for three weeks. Other remedies were used in these cases, but the favorable results seemed clearly attributable to the action of the Water."
- Dr. G. A. Foote, of Warrenton, N. C., Ex-President State Medical Society, formerly member of the State Board of Medical Examiners and also of the State Board of Health: "I have witnessed excellent results from BUFFALO LITHIA WATER in Albuminuria of Pregnancy, and it is my habit to prescribe its free use in every case of Pregnancy under my care, certainly after the sixth month, and I have yet to see any untoward result where my directions were obeyed. That the water is a preventive of and antidotal to the causes producing nausea, headache, and Puerperal Convulsions, in my opinion admits of no question. In Bright's Disease of the Kidneys, I have in many cases noted the disappearance of Albuminuria and Casts under the action of BUFFALO LITHIA WATER which I regard as the most efficacious of known remedies in this distressing malady."
- Dr. J. T. Davidson, New Orleans, La., Ex-President New Orleans Surgical and Medical Association, says: "I have for several years prescribed BUFFALO LITHIA WATER in all cases of Scarlet Fever, directing it to be drunk ad libitum, with the effect of relieving all traces of Albumin in the Urine, and have found it equally efficacious in renal diseases requiring the use of alkaline water."
- Dr. George W. Semple, Hampton, Va., Ex-President Medical Society of Virginia, said: "In Scarlet Fever I have known BuFFALO LITHIA WATER to restore a healthy and abundant secretion of Urine when it was highly charged with albumin and the secretion almost suppressed."

# -BUFFALO LITHIA WATER-

Water in Cases of One Dozen Half-Gallon Bottles, \$5.00. F. O. B. Here.

THOS. F. GOODE,

Sold by all First-Class Druggists.

Proprietor, Buffalo Lithia Springs, Virginia.

# **A** Sanitary Safeguard.

Of all recent advancements, STERILIZING MILK has been productive of the most good. The dangers of INFANT FEED-ING are thus reduced to a minimum by the use of the

## ARNOLD STEAM STERILIZER.

It has received the unqualified approval and endorsement of observing pediatricians. THE ARNOLD STERILIZER is an absolute safeguard against germ infection.

For sale by all druggists. Valuable formulæ and directions for the care of Infants, mailed on application to

WILMOT CASTLE & CO., 113 Elm St., Rochester, N. Y.

(METHOXACET-P-PHENETIDIN.)

C. BISCHOFF & CO.,

Small Dose, Prompt,

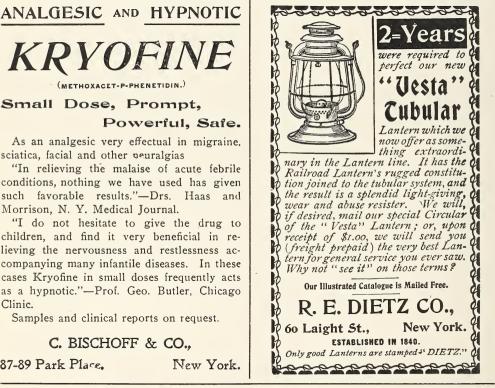
sciatica, facial and other veuralgias

Morrison, N. Y. Medical Journal.

Clinic.

87-89 Park Place.





# The Johns Hopkins Medical School,

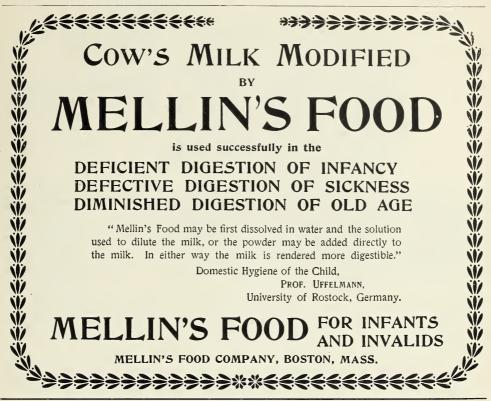
BALTIMORE.

Established by the Johns Hopkins University in Connection with the Johns Hopkins Hospital.

#### The Seventh Academic Year begins OCTOBER 1st, 1899.

The Annual Announcements of the courses of instruction in the Medical School and of the special courses of graduates in medicine will be sent on application to

> THE REGISTRAR OF THE JOHNS HOPKINS MEDICAL SCHOOL, Washington and Monument Sts., Baltimore, Md.



# A Great Mistake

in the treatment of pulmonary phthisis---the administration of any drug which tends to interfere with the patient's digestion. Creosote, when given in the ordinary way, almost always irritates and deranges the stomach. In

Liquid Peptonoids

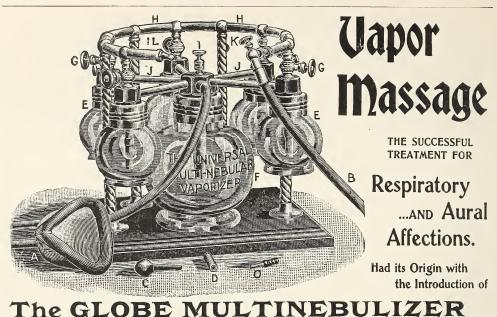
#### WITH CREOSOTE

this drug has not only been rendered palatable but also unirritating and easy of retention. The full physiological effects of Creosote, and its favorable influence upon the general condition, are more quickly obtained because of this fact. The Peptonoids also aid in the general upbuilding because of their nutritive value. Each tablespoonful contains 2 minims of pure beechwood creosote and 1 minim of C. P. guaiacol.

SAMPLES UPON REQUEST.



xxix



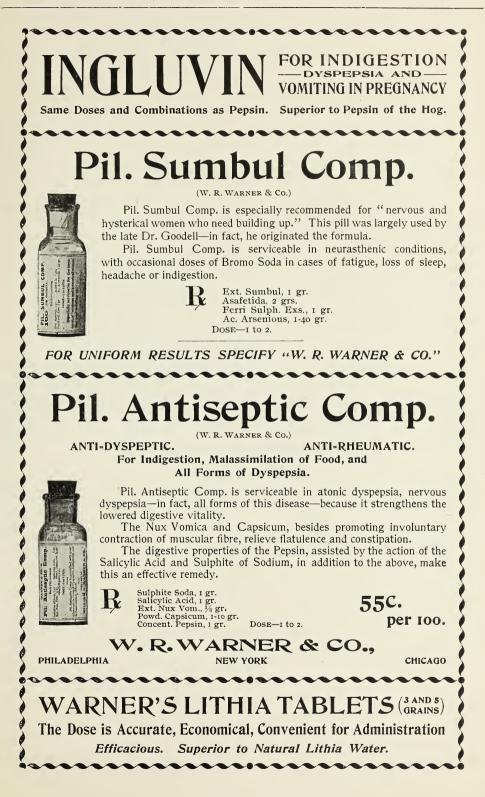
It cannot be successfully applied by any other means. Is employed by prominent physicians everywhere, with remarkably satisfactory results.

Write for Circular G. Address THE GLOBE MANUFACTURING COMPANY, Battle Creek, Michigan, U. S. A.

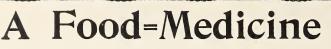
MALTINE is a highly concentrated extract of barley, wheat and oats. Barley alone is employed in the manufacture of all other malt extracts, and not one of them is as highly concentrated as Maltine. MALTINE EXTRACTS which are thinner than MALTINE are thinner for the simple reason that they contain more water—are not concentrated as MALTINE is and therefore are less nutritious and more costly.



MALTINE is rendered particularly delicious and refreshing if admistered with any of the aerated waters, milk, wine or spirits. Thus a pleasing change is afforded to capricious or fastidious invalids. MALTINE, aside from its great nutritive value, is so rich in Diastase that a dose readily digests all the starchy food, such as bread, potatoes & cake, which the average adult eats at a single meal.



xxxi



A FOOD. "The tissues and organs which are the most energetic require the most fat. Yet this necessary food, fat, is more frequently deficient than any other. Cod-liver oil is more readily absorbed and oxidized than any other fat. The weight, therefore is usually greatly increased under the administration of cod-liver oil." Butler's new Materia Medica and Therapeutics.

# Scott's Emulsion

MEDICINE. "Cod-liver oil also seems to influence the blood directly, for clinical observation shows that anemic persons become healthy-looking under its use, and Cutler and Bradford have found this apparent improvement is a physiological fact, the red corpuscles being always increased." Hare's Materia Medica and Therapeutics.

There is absolutely no food-value whatever in the so-called active principles of cod-liver oil. The whole oil must be used.

In Scott's Emulsion is the best Norwegian oil, emulsified and combined with the Hypophosphites and Glycerine.

SCOTT & BOWNE, New York.

5/5/5/5/5/5/5/5/5/5/3/3

#### A SPRING MEDICINE

In the spring, when the eliminative organs do not present their usual activity, the Tongaline preparations, by promoting the absorptive powers of the various glands which have been clogged, and by their stimulating action upon the liver, the bowels, the kidneys and the skin, cause these organs to perform their proper functions, thus restoring at once the equilibrium of the system.

Where there are indications of any excess of uric acid, Tongaline (5 grs.) and Lithia (1 gr.) Tablets will be found much more effective and satisfactory than lithia alone, or lithia waters, which contain but a minute, indefinite and variable quantity of the salt.

If there are any evidences of malaria, Tongaline  $(3\frac{1}{2}$  grs.) and Quinine (22 grs.) Tablets will promptly and thoroughly correct the trouble and overcome any tendency to periodicity.

Tongaline Liquid **Tongaline Tablets** Tongaline and Lithia Tablets -**Tongaline and Quinine Tablets** SAMPLES AND LITERATURE ON APPLICATION. MELLIER DRUG COMPANY,

ST. LOUIS.

Eo

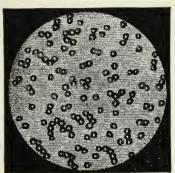
A

"The greatest therapeutic discovery of the age, and of the ages, is that where we cannot produce good blood we can introduce it."

# What is Hæmatherapy?

A New Thing-and a New Name which, though literally translated (Blood Treatment), may not convey to every one a definite idea. It is a treatment which consists in opposing to a condition of disease the very power-good and sufficient Blood-that would naturally prevent it, that would still cure it spontaneously, and that actually does cure it spontaneously, wherever the blood-making work of the system is perfectly efficient; and therefore also will cure it, if a deficiency of the vital element be supplied from without, under proper medical treatment.

That Blood is such a power as here described, is an undisputed physio-A FILM OF BOVININE : Showing the Blood-corpuscles Intact.



Micro-photographed by Prof. R. R. Andrews, M.D.

logical fact. Its transmission from one animated organism to another, for the purpose of supplying a defect in the latter, is the substance of the Blood Treatment; and How to Do this, in different cases, is the form or description of the same. Blood may be taken from a healthy bullock (arterial blood-elaborated with due scientific skill); or it may be obtained in the wellattested living conserve known as bovinine, from any druggist; and may be introduced into the veins of the patient in either of four ways, that may be most suitable to the case: viz.: by the mouth and stomach; by injection, with one-third salt water, high up in the rectum; by hypodermical injection; or by topical application to any accessible lesion. THE CURE OF PULMONARY CONSUMPTION

is one of the latest and most wonderful developments of Blood Powerintroduced mainly by the mouth, and sometimes also by spraying bovin-ine into the trachea by an atomizer. Every week of judicious internal blood treatment, with proper medical and hygienic care, has resulted in steady improvement as to all symptoms, with scarcely an instance of check, much less of relapse, until complete apparent cure, and that in the more advanced stages of the disease. As further examples, may be mentioned: Anæmia, Cholera Infantum, Typhoid Fever, Hæmorrhagic Collapse, and many other of the most dangerous and aggravated diseases.

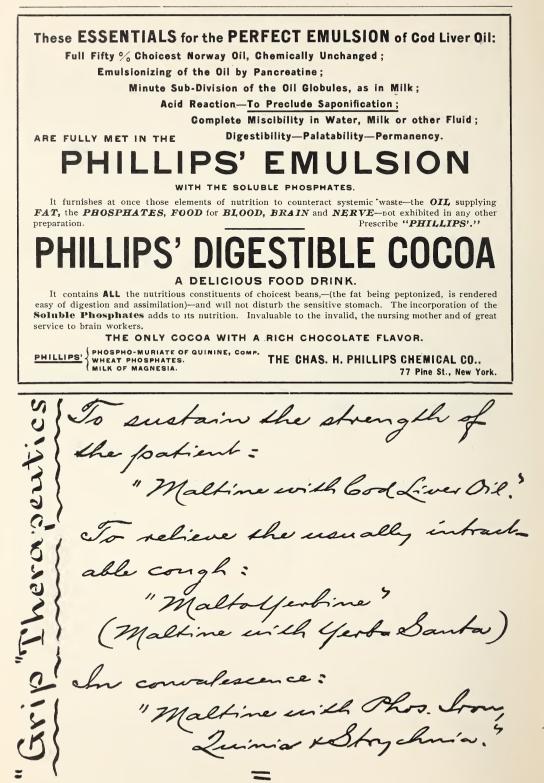
IN SURGERY: A CHRONIC ULCER,

of no matter how long standing or obstinate and aggravated character, can be cured with certainty—at least, the first instance of failure has yet to be heard of—by constant application of bovinine to the wound with proper surgical treatment and sterilization. Such cases are usually cured in from four to six weeks. So of traumatic injuries of all kinds; carbuncles, fistulas, abscesses, and even gangrene.

#### NUMEROUS CLINICAL REPORTS

of well known Physicians and Hospitals, where the Power of Supplied Blood is constantly relied on as a cardinal factor in the cure of disease and support of surgery, are at the service of every practitioner who desires to keep up with the progress of his profession, and may readily be obtained (including, of course, the technique and subsidiary treatments pursued) by applying to

THE BOVININE COMPANY, 75 West Houston Street, New York. LEEMING, MILES & Co., Montreal, Sole Agents for the Dominion of Canada.



xxxiv

# A Progressive System of ....Infant Feeding.

O single Food is suitable for the infant for the whole period of the first nine months. At birth, the digestive powers are only able to assimilate human milk or its physiological equivalent; and it is not until the child is six months old that any starchy food is admissible.

#### Allen & Hanburys have introduced a series of Foods to meet the increasing requirements of the infant economy.

#### THE

#### "Allenburys" Milk Food, No. 1

is, as far as possible, an exact equivalent of human milk. It is prepared in the form of a dried powder, from fresh and carefully selected cow's milk, at their Factory at Ware. The proxi-mate composition of the cow's milk having been ascertained, the excess of casein is removed and the deficiency in fat and milk-sugar is made good. The mixture is then sterilized and concentrated in vacuo. Sterilized (boiled) water is then added in the proportions indicated on the labels, and a perfect humanized milk is obtained. The portability, ease of mixing and freedom from bacterial contamination render this preparation invaluable not only for general use, but for delicate infants suffering from diarrhœa, and also in those cases where the milk supply is not above suspicion, or where long journeys have to be taken, whether by land or sea. This Food, as well as the "Allen-burys" No. 2, is now being extensively used in India and tropical climates, and is found to keep perfectly in the hermetically sealed tins.

This Food should be given for the first 3 months.

#### THE

#### "Allenburys" Milk Food, No. 2

is identical with No. 1, but contains in addition small quantities of maltose, dextrine and sol-

A Sample of any or all of the foods, and full descriptive pamphlet, will be sent free to any physician upon request. Address 82 Warren Street, New York.

Please specify on prescription the NUMBER of the Food desired.



(ESTABLISHED, A. D. 1715.)

Infants' Food Manufactory: Ware Mills, Hertfordshire. Laboratories and Warehouse :

Bethnal Green, London, E.

82 WARREN STREET, = = NEW YORK.

Agent for Canada: W. Lloyd Wood, Toronto.

uble phosphates, derived from the digestion of whole meal. These are included to meet the increasing requirements of the infant economy; but it should be understood that there is no unaltered starch present.

This Food is designed for infants from 3 to 6 months of age.

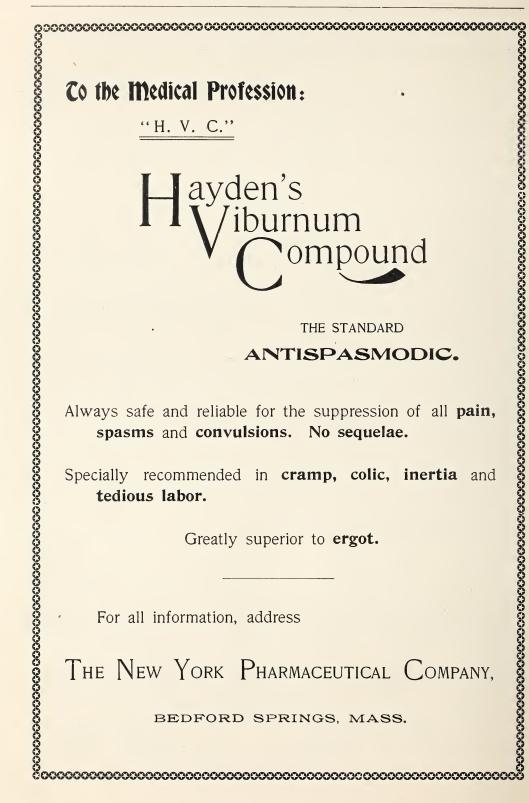
#### THE

#### "Allenburys" Malted Food, No. 3.

This preparation is a perfectly assimilable farinaceous Food. It is prepared on Baron von LIEBIG'S principle of malting, but by greatly improved methods. It differs from other forms of malted food in that the malt is present in a soluble, concentrated and most active form. The basis of the Food is fine wheaten flour,

rich in nitrogen, with this advantage, that a large proportion, but not all, of the starch is converted by the action of Malt Extract. The Food is rich in soluble phosphates and albumenoids, for the formation of firm muscle and solid bone.

It is prepared for use by the addition of cow's milk. With delicate children, however, the transition from No. 2 to No. 3 Food is too great, if cow's milk be used; it is better, there-fore, to employ the **No. 1 Food** as a substitute for the cow's milk, thus insuring the prepara-tion being made with a true humanized milk. This Food is designed for infants over 6 months of age.





(30 volumes preserved HYDROZON aqueous solution of  $H_2O_2$ )

IS THE MOST POWERFUL ANTISEPTIC AND PUS DESTROYER. HARMLESS STIMULANT TO HEALTHY GRANULATIONS.

(C. P. Glycerine YCOZON combined with Ozone)

THE MOST POWERFUL HEALING AGENT KNOWN. THESE REMEDIES CURE ALL DISEASES CAUSED BY GERMS.

Successfully used in the treatment of Chronic and Acute Ulcers (Specific or not), SKIN DISEASES, ECZEMA, PSORIASIS, SALT RHEUM, ITCH, BARBER'S ITCH, POISONING IVY, ACNE, Etc.

Hydrozone, applied to any open diseased surface, destroys the pus, leaving the tisstes beneath in a healthy condition. Then Glycozone, being applied to the clean surface, stimulates healthy granulations and heals the sore.

By means of a glass syringe, inject Hydrozoue, either full strength or diluted, and complete the dressing with a small roll of cotton well impregnated with Glycozone. Send for free 240-page book "Treatment of Diseases caused by Germs," containing reprints of 120 scientific articles by leading contributors to medical literature. Physicians remitting 50 cents will receive one complimentary sample of each, "Hydrozone" and "Glycozone" by express, charges prepaid. Hydrozone is put up only in extra small, small, medium and large size bottles bearing a red label, white letters, gold and blue border with my signature. Inflammatory and Purulent Diseases of the Ear. Otitis Media, Etc.

white letters, gold and blue border with my signature.

Glycozone is put up only in 4-oz., 8-oz. and 16-oz. bottles bearing a yellow label, white and black letters, red and blue border with my signature.

Marchand's Eye Balsam cures all inflammatory and contagious diseases of the eyes.

Charles Marchand,

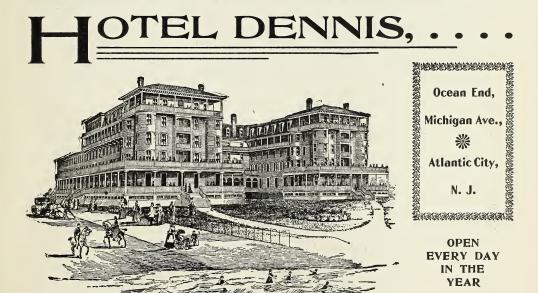
Sold by leading Druggists.

Avoid imitations.

٥N

Chemist and Graduate of the "Ecole Cenirale des Arts et Manufactures de Paris" (France).

28 Prince St., New York. Mention this Publication.



Uno bstructed view from every room. Very homelike and cheerful. Beautifully decorated. Large and bright rooms. Every modern improvement. Great care has been given to ventilation and sanitary arrangements of the latest patterns. PUREST ARTESIAN WATER from private well used throughout the house. Rooms single and EN SUITE with baths. HOT and COLD SEA WATER BATHS in the house. Oriental, Japanese and Red rooms. Music in season. Books mailed upon application. Special Care Given to Guests on Particular Regimen. JOSEPH H. BORTON.

xxxvii

# SYR. HYPOPHOS. CO., FELLOWS

Contains the Essential Elements of the Animal Organization—Potash and Lime; The Oxidising Agents—Iron and Manganese;

The Tonics-Quinine and Strychnine;

- And the Vitalizing Constituent—Phosphorus; the whole combined in the form of a Syrup with a Slightly Alkaline Reaction.
- It Differs in its Effects from all Analogous Preparations; and it possesses the important properties of being pleasant to the taste, easily borne by the stomach, and harmless under prolonged use.
- It has Gained a Wide Reputation, particularly in the treatment of Pulmonary Tuberculosis, Chronic Bronchitis, and other affections of the respiratory organs. It has also been employed with much success in various nervous and debilitating diseases.
- **Its Curative Power** is largely attributable to its stimulant, tonic, and nutritive properties, by means of which the energy of the system is recruited.
- **Its Action is Prompt ;** it stimulates the appetite and the digestion, it promotes assimilation, and it enters directly into the circulation with the food products.
- The prescribed dose produces a feeling of buoyancy, and removes depression and melancholy; *hence the preparation is of great value in the treatment of mental and nervous affections.* From the fact, also, that it exerts a double tonic influence, and induces a healthy flow of the secretions, its use is indicated in a wide range of diseases.

## NOTICE-CAUTION.

The success of Fellows' Syrup of Hypophosphites has tempted certain persons to offer imitations of it for sale. Mr. Fellows, who has examined samples of several of these, finds that no two of them are identical, and that all of them differ from the original in composition, in freedom from acid reaction, in susceptibility to the effects of oxygen when exposed to light or heat, in the property of retaining the strychnine in solution, and in the medicinal effects.

As these cheap and inefficient substitutes are frequently dispensed instead of the genuine preparation, physicians are earnestly requested, when prescribing the Syrup, to write "Syr. Hypophos. Fellows."

As a further precaution, it is advisable that the Syrup should be ordered in the original bottles; the distinguishing marks which the bottles (and the wrappers surrounding them) bear, can then be examined, and the genuineness—or otherwise—of the contents thereby proved.

Medical Letters may be addressed to

Mr. FELLOWS, 48 Vesey Street, New York.

ૡૺ૱ૡૢ૾૱ૡૢ૾૱ૡૢ૾૱ૡૢ૾૱ૡૢ૾૱ૢ૱ૡૢ૾ૡૺ૱ૣ૱ૣ૾૱ૣ૾૱ૣ૾૱ૣ૾૱ૣ૾૱ૡ૾૱ૡૢ૾૱ૣ૾૱ૣ૾૱ૡ૾૱ૡૢ૾૱ૡ૱ૡૢ૱૱૱ૡૡ૱ૡૢ૱ૡૢ૱ૡ૱ૡ

# Foster Bros. Mfg. Co. BALTIMORE, MD.



MANUFACTURERS OF EVERYTHING IN THE

LINE OF

# Institution Bedsteads and Metallic Springs.

#### Write for Catalogue.

૽૽ૢ૽ૡૢૻ૱ઙૻ૱૱૱ૺ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૻૢ૱ૻૢ૱ૻૢ૱ૼ૱ૡૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢ૱ૡૻૢ૱ૢૼ૱ૡૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱ૢૼ૱

-

Dologlog

and and and a free of a free and a free and a free a free and a fr





Fine Book and Catalogue Work.

Mergenthaler Linotype Machines.



EBMOSSED STATIONERY for Professional or Business use; printed in color from Steel Dies. Send for Samples.

**BRASS SIGNS**—Hand and Machine Cut. Send us size of brass and lettering, and we will send rough sketch and quote interesting prices.

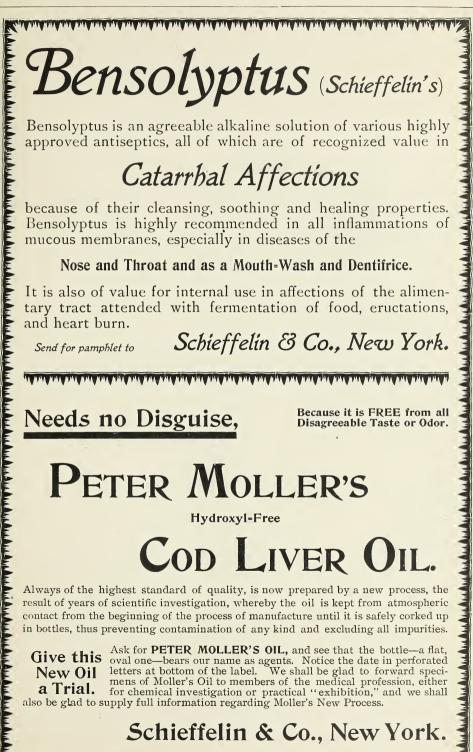
MENU CARDS printed in color and bronze. 10 samples 10 cents, 100 samples 70 cents; both postpaid.

We have the best equipped plant in the United States for above goods, and can give orders prompt attention.

THE AMERICAN EMBOSSING CO.,

48 LOCK STREET.

BUFFALO, N. Y.

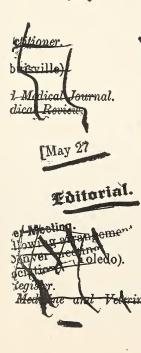


xli



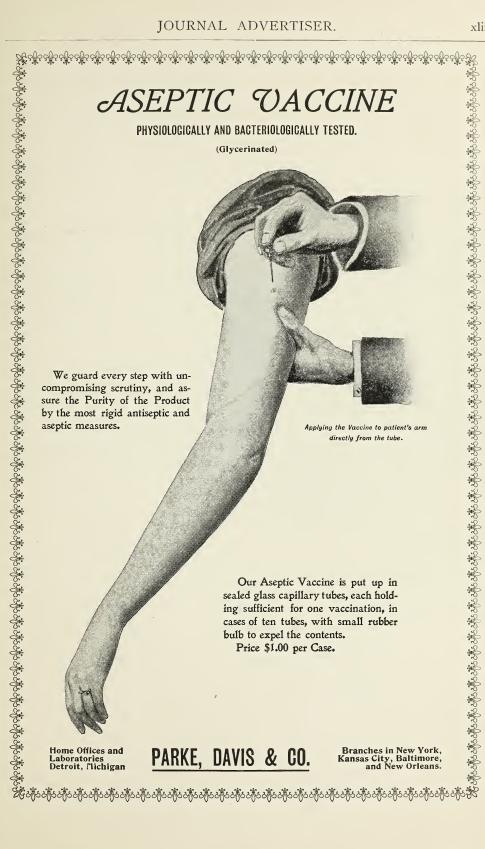
THE VIRGINIA MEDICAL SEMI-MONTHLY.

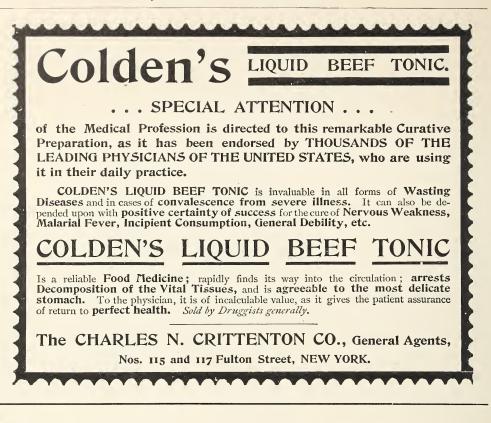
125



#### Maltzyme Preparations,

Introduced by the Malt-Diastase Co., of New York city, are unquestionably of the very best of the diastatic preparations on the market. Although they take the lead from the laboratory standpoint, as shown by reports from Dr. Willis G. Tucker, Professor of Chemistry, Albany Medical College, Dr. Geo. C. Diekman, Ph. G., Professor of Theoretical and Practical Rharmacy, New York College of Pharmacy, and other laboratory workers of like ability, they are receiving the more valuable approval of clinical endorsation. This enzyme has a direct value as a nutrient; and its diastatic property is marked in bringing the starch in food into a soluble condition, and converting it into easily assimilable forms of dextrin and sugar. A striking quality of one of the most valuable preparations—Maltzyme with Cod Liver oil—consists in its fluidity, the readiness with which it is poured from the bottle and its miscibility with water. Try it in suitable cases; and report the results.







LABORATORIES

## PULVEROUS PILLS.

THEY CONTAIN the medicinal substances in the form of a **dry powder**, enclosed within a thin and soluble coating. They can be easily crushed or disintegrated. The many advantages to be derived from the administration of medicines in this form will immediately suggest themselves to the intelligent physician. Descriptive literature gladly furnished on application.

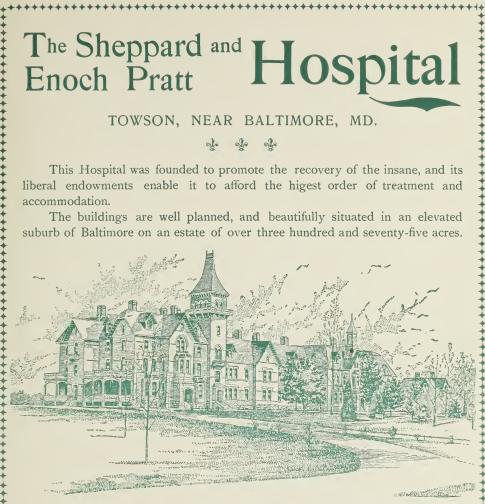
We are also manufacturing a complete line of standardized Fluid Extracts, Medicinal Wines, Elixirs, Syrups, etc. Our prices are astonishingly low, consistent with the use of the purest obtainable drugs and chemicals. *Send for Catalogue*.

HENRY K. WAMPOLE & CO.,

441 Green Street.

Manufacturing Pharmacists,

PHILADELPHIA, PA.



Under the supervision of a Board of Trustees, the Hospital is conducted by a physician-in-chief aided by a competent staff of assistants, and a large corps of nurses. The whole income, whether from patients or trust funds, is expended upon the institution, and the care of its inmates.

For further particulars and rates address

Edward N. Brush, M.D.,

Station A, Baltimore, Md., or

GEORGE A. POPE, President Board of Trustees, Room 32 Chamber of Commerce Building, Baltimore, Md.

Physicians attending the Centennial Meeting are invited to visit and inspect the Hospital any day during the session from 11 A. M. to 2 P. M. A reception will be given at the Hospital Friday afternoon, April 28, from 1.30 to 5 P. M. Physicians will receive a card of invitation on registering.

# <section-header><section-header><section-header><text><text><text><text><text>

## City Steam Bottling House.

JNO. HEINZERLING.

#### HEINZERLING & CO.

W. J. WICKHAM.

Office and Factory-218 and 222 W. Conway St.

#### **OUR SPECIALTIES:**

Challenge Ginger Ale, Club Ginger Ale, Champagne Cider (Extra Dry), ... Sarsaparilla, Lemon Soda ...

Phone No. 2041.

These goods are guaranteed as pure as experience can make them, allowing the public to judge.

## "Wiesel's Obstetric Cones.

ANÆSTHETIC. ANTISEPTIC. LUBRICANT.

These Cones Have been prepared for use in Obstetrical and Gynæcological Practice and will also be found valuable in Rectal and Prostatic Diseases. They are made of such shape as to admit of ready and easy introduction into the vagina or rectum, and can be applied without exposure.
 In Obstetric Practice to completion of the second stage of labor or before using obstetrical instruments. They are indicated where there is inflammation or soreness about the rectum or prostate gland, and they are especially recommended in Primipara, in cases of Rigid Os Uteri, Uterine Cancer, and after operations upon the uterus and vagina, and are valuable in Hæmorrhoids. Each suppository containing the exact amount of drug; thoroughly and evenly incorporated through the best quality of Cocca Butter, thus insuring the most prompt and effective action. Medication of various formulas, Iodform, Aristol Thymol, etc. Our facilities for manufacturing special formulas are unequalled, and any desired combination can be prepared in a few hours upon the most present.

#### PRICE 25 AND 50 CENTS A BOX.

1101 MADISON AVENUE, cor. Hoffman Street, JOHN M. WIESEL, Pharmaceutical Chemist. BALTIMORE, MD.