Official Journal of the Omaha Medical College, Medical Department University of Omaha,

OMAHA, NEB.

VOL 4. NOVEMBER, 1900. NO. 2

CONTENTS.

<table>
<thead>
<tr>
<th>General Symptomatology and Modes of Examining Neurological Cases. J. M. Allen, M. D.</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Department—W. F. Miley, M. D.</td>
<td>48</td>
</tr>
<tr>
<td>Clinical Department—W. L. Wilmoth</td>
<td>51</td>
</tr>
<tr>
<td>Editorial</td>
<td>55</td>
</tr>
<tr>
<td>Athletic Department—Oliver Chambers</td>
<td>57</td>
</tr>
<tr>
<td>Class Notes—Medical</td>
<td>59</td>
</tr>
<tr>
<td>Class Notes—Dental</td>
<td>66</td>
</tr>
</tbody>
</table>

Omaha Medical College,
Medical Department University of Omaha.

The Twentieth Annual Course of Lectures began Sept. 25, 1900, and will continue seven months. Instruction will be given in the following branches: Anatomy, Physiology, Chemistry, Histology, Biology and Embryology, Materia Medica and Therapeutics, Practice, Obstetrics, Surgery, Diseases of Children, Medical Jurisprudence, Neurology, Ophthalmology and Otolaryngology, Gynecology, Dermatology, Venereal Diseases, Pathology and Bacteriology, Laboratory Courses at this College in Urinary Analysis, Chemistry, Histology, Pathology and Bacteriology and Practical Work in Physical Diagnosis, Surgery, Practical Surgery and Practical Anatomy, and Demonstrative Obstetrics, are now included in the curriculum.

The instruction is given by didactic and clinical lectures, by recitations, and by practical manipulations by the student. The clinical advantages are in many respects unsurpassed.

A course of four years is now required.

For further particulars, address the Secretary.

EWING BROWN, M. D., 1026 Park Avenue, OMAHA.
Omaha Dental College

Department of the University of Omaha

....Cor. 12th and Pacific Sts....

Regular Winter Lessons........Begin in October and End in May
Spring and Summer Terms....Begin in May and End in October
Practitioners' Course...........Six Weeks' Course, May and June

New Buildings and New Equipments
For Catalogue & Information address

A. O. HUNT, Dean

H. W. SHERRADEN, Sec'y
412 McCague Bldg., Omaha

Bellevue College

has an inspiring outlook. She has made gradual and solid advancement during the past ten years. Last year surpassed all other years in the amount of progress. Large improvements have been made in facilities and comforts. Property and funds have been increased. The student body is increasing in numbers and year by year is producing a more distinctive and influential atmosphere of the best college life. Bellevue, Neb.

DAVID R. KERR. D. D., Pres.

"A College of the Best Culture."
OZOMORU
(Emulsion Oleum Morrhuæ Comp.)

To the Medical Profession:

We take pleasure in presenting to the medical profession this elegant Emulsion of Cod Liver Oil, and submit herewith some of the superior qualities of this preparation, the essential features of which are:

The purity of its ingredients, the thoroughness of its pancreatization, the readiness with which it is assimilated, its antiseptic qualities, its freedom from rancidity and all indigestible and irritating substances, its permanency under all climatic conditions, its palatability together with its great force producing and tissue building properties.

Ozomoru is justly regarded as the standard preparation of Cod Liver Oil.

Each Fluid Ounce Contains:

- Pure Lofoten Cod Liver Oil...
- Hypophosphites Lime and Soda...
- C. P. Guaiacol...
- Pancreatin...
- C. P. Glycerine...
- Alcohol...
- Irish Moss...
- Aqua Distillata...

DOSE FOR ADULTS.—One tablespoonful three times a day, two hours after meals.

Can be taken Clear or with Milk, Cold Water, or Other Fluids.

Samples and literature with formula, sent to Physicians upon application.

READ THESE FORMULAS.
THEY SPEAK FOR THEMSELVES.

THE MODERN IDEAL VITALIZER
OZOTONE
(Elixir, Phosphorus Et. Strychnia Comp.)

Particularly indicated in Anemia, Nervous Affections, Physical Prostration following acute diseases, Sexual Atonicity, and in all cases of Mal-nutrition and disorders of the stomach. There are no contra-indications for its use.

In Surgical Cases, given before and after operation, it fortifies the whole system against shock from the operation, and puts the patient in the best possible condition for rapid and complete convalescence, therefore Ozotone is the surgeon’s as well as the physician’s friend.

FORMULA: Each Fluid Drachm Contains —

- Nitrate Strychnia...
- Free Phosphorus...
- Tr. Cinchona...
- Tr. Gentian Comp...
- Tr. Matricaria...
- Tr. Calumba...
- Alcohol, Glycerine, Aromatics.

DOSE.—For an adult, one to two teaspoonfuls, in a little water, three times a day, before meals.
Omaha Medical College
Corner of 12th and Pacific Streets,
OMAHA, NEB.

MEDICAL DEPARTMENT UNIVERSITY OF OMAHA.

Four years graded course comprising all branches of medicine and surgery. Credentials issued to students by other medical schools in good standing permit of admission to advanced work. Graduates of universities and other colleges of equal requirements are credited with one year's work.

Entrance Examination required of those not possessing literary credentials indicating a good English education.

Clinical Instruction in the Out-door Dispensary, the Douglas County, Omaha, Clarkson and Immanuel Hospitals.

DEPARTMENT OF SURGERY: August F. Jorg, M. D., B. B. Davis, M. D., Donald Macrae, M. D., J. C. Anderson, M. D., A. W. Edmiston, M. D.
DEPARTMENT OF MATERIA MEDICA AND THERAPEUTICS: William H. Christie, M. D., Henry B. Wilson, M. D.
DEPARTMENT OF OBSTETRICS: A. B. Somers, M. D., Wm. H. Ramsey, M. D.
DEPARTMENT OF ANATOMY: Donald Macrae, Jr., M. D., W. L. Curtis, M. D., Paul Ludington, M. D., Jas. Tisch, M. D.
DEPARTMENT OF PHYSIOLOGY: Vernon L. Tregay, M. D.
DEPARTMENT OF CHEMISTRY: A. C. Stokes, M. S., M. D.
DEPARTMENT OF MEDICAL JURISPRUDENCE: Judge Wm. Keysor.
DEPARTMENT OF GYNECOLOGY: Ewing Brown, M. D.
DEPARTMENT OF DISEASES OF THE EAR AND EYE: Harold Gifford, M. D.
DEPARTMENT OF LRONTOLGIA AND RHINOLOGY: F. S. Owen, M. D.
DEPARTMENT OF DERMATOLOGY: O. S. Hoffman, M. D.
DEPARTMENT OF NERVOUS AND MENTAL DISEASES: Hamilton B. Lowry, M. D., Richard C. Moore, M. D., J. M. Alkin, M. D.
DEPARTMENT OF PATHOLOGY, HISTOLOGY AND BACTERIOLOGY: W. K. Yenkel, M. D.
DEPARTMENT OF BIOLOGY AND EMBRYOLOGY: All. O. Peterson, M. D.

For particulars and further information apply to
EWING BROWN, M. D., Secretary,
1026 Park Avenue, Omaha, Neb.
J. M. AIKIN, M. D.
Professor of Mental and Nervous Diseases,
Omaha Medical College.
Neurologist to the Omaha Methodist Hospital.
GENERAL SYMPTOMATOLOGY AND MODES OF EXAMINING NEUROLOGICAL CASES.

J. M. AIKIN, M. D.

With the exception of the optic nerve, the entire nervous system is almost wholly inaccessible to direct examination. Some nerve trunks on the limbs may be felt and outlined, especially if they become swollen or otherwise enlarged. The state of the nervous system, then, can be ascertained only by the manner in which its work is done, the morbid states being revealed by the derangement of function. Now, to discern an abnormal condition of the nervous system we certainly must know the normal, just as surely as we need to know a normal heart action, ere we can detect false cardiac sounds.

The functions of the nervous system are variously divided into mind, motion, and sensation, but these divisions do not by any means comprehend the field we must study, in an endeavor to interpret symptoms plainly visible, or discover symptoms in our investigations. Symptoms affecting the mentality of the individual are usually referred to the first division and discussed under the domain of Insanity, or Psychic influences. Disorders of motion and sensation, though very often intimately connected with the Psychic side of the individual, are usually classified as Neuological, and by the word neuroses is understood that list of nervous affections for which no known pathological condition has been demonstrated. It must follow then that as constant evidence is discovered and verified, we must re-arrange our classification to established facts.

Disorders of the nervous system may owe their existence to causes operating slowly and for a long time, yet whose clinical manifestations appear suddenly and very pronounced, even when the immediate exciting cause has been but trivial. Again there may be entire absence of any rational cause for neurotic symptoms presenting. In either case we should be very careful to make a thorough personal examination of the patient, determining if any anatomical or physiological stigmata be present or have existed; whether any toxic conditions exist, or ever have been
present in personal or family history, which rational medicine has
taught us does operate to derange the nervous system either func-
tionally or degeneratively. It is very important that all the clin-
cal evidence possible be collected, and that you as the medical
counsel estimate the importance attaching to any one, or all the
history obtained. Too often we ask the patient to tell us briefly
just what he thinks has transpired, to produce the results now
manifested. Such action on our part is presumptive evidence that
the patient is as well qualified as we to determine the relationship
between cause and effect, in producing disease.

The pathological changes found in the nervous system are
not essentially different from those found in other tissues of the
body; and the causes operative are in the main identical, but the
clinical symptoms are different in manifestation, as are the func-
tions of the nervous system different from any other department
of the human body. Inflammations are simple or suppurative, and
degenerations acute or chronic, primary and secondary, as occurs
in other tissues. As a general consideration, however, we should
remember that nerve cells once destroyed do not re-develope, and
nerve fibres in the brain and cord, if destroyed, are not re-gen-
erated, but a peripheral nerve fibre may be wholly destroyed, yet
grow again if its trophic centre is intact. If a nerve center or
tract is affected (let the cause be what it may) to the extent of
its destruction (partial or complete) the function of parts involved
is partially or completely lost; if irritated, the function is in-
creased. If there is loss of function in one part with, increase
in adjoining or connected tissues, we probably have destruction
of a center, causing irritation to a contiguous part, e. g., growths
in the cranial vault, or a lesion may be irritative and become de-
structive, as in meningitis. Symptoms resembling those pro-
duced by an irritative lesion, are seen if the higher or inhibitory
centers in the brain are destroyed, thus permitting over action
of lower centers in the cord. This is seen in the contracted mus-
cles in the extremities producing deformities, the lesion being
cerebral.

Consciousness is one of the higher functions of the brain.
Any departure from the normal is a symptom of many nervous
disorders, both organic and functional.

’Supor is a condition from which the patient may be aroused
by ordinary stimuli and the reflexes remain active. In coma the
opposite conditions exist and a slow pulse and stertorous breath-
ing are additional symptoms. In examining a case of stupor or
coma, traumatisms should be carefully looked for about the head,
the reflexes (pupillary and the sphincters too) and circulatory system carefully examined and the temperature noted.

Since we recognize two general divisions of the nervous system—a motor and a sensory—let us analyze some common clinical symptoms limited to the motor division. We see loss of motor power, and name it paralytic; we see increased motor activity and call that an irritative state. In the one, mobility of the muscles supplied by the affected nerve is diminished or lost. In the other motor activity is increased (irritated), and to a point which is not under control of the will power, and we call it a spasm or convulsion. These muscular contractions may be transient (clonic) or lasting (tonic) and involve one or several muscles, or groups of muscles. The paralytic symptoms are undoubtedly much more common than the irritative, and I think it is a fact that the origin of the paralytic disturbance is usually in the plexus, while the center for irritative conditions is probably in the brain, either directly, or by reason of lost inhibitory control (as we said a little ago) over subordinate nerve centers through the ganglia. The sensory disturbances are also distinguished by paralytic from irritative conditions. If the former we call it anaesthesia, while the latter is hyperesthesia. We discover anaesthesia by external stimuli (mechanical chemical or thermic applications) which are either not perceived at all, or with diminished acuteness, whereas in hyperesthesia very weak stimuli are recognized as abnormally strong or unpleasant. His hyperaesthetic state is usually attended by symptoms of sensory irritation; such as pronounced pains or paraesthesia as prickling, numbness, or formications, creeping sensations, as if water were trickling down the back or along a limb and I have had patients describe the sensation as if myriads of small insects were traversing along under the skin. The irritative conditions in the sensory fibres of the spinal nerves are usually manifested by pain and we call them neuralgias. The trigeminal neuralgia is a type of them. They are violent but not constant, hence we may reasonably conclude they are non-inflammatory, while neuritis, of course, means inflammation, and pain is constant during the entire course of the inflammatory process.

It is often very difficult to decide if the symptoms presenting, warrant us in calling the disorder a neuritis, neuralgia, or rheumatism. The early pains in neuritis are almost identical with those in the beginning of acute rheumatism or a periostitis, but in the course of two or three days, if the pain is localized along the distribution of a nerve-trunk, constant, and the parts are tender
on pressure, the cardinal symptoms are established. Chronic neuritis is often mistaken for a neuralgia, and this is not to our discredit as physicians, because many neuralgias are a result of neuritis, and too; in many sub-acute neuritic cases, the inflammatory process having subsided without suppuration, there still remains some molecular disorder in the nerve tissues, causing pain which is not constant and continuous, nor distinctly intermittent, but is remittant in character. The chief distinction between neuralgia and neuritis is that the pain intermits more completely in neuritis. If there is anaesthesia of the muscles, showing organic change in the nerve fibres, it is conclusive evidence of neuritis.

In acute rheumatism if it is localized in the joints and inflammatory, we will readily recognize the distinction, while if muscular, its migratory habit will prevent our mistaking it for neuritis. Summarizing then, we see that involuntary, paroxysmal, muscular contractions, varying in intensity and duration, whether local or general in distribution, are caused by irritation or over-action of the motor nerve tract, and they are known as convulsions or spasms, the latter term and its synonym—"tics"—belonging more strictly to local twichings as in the face, or parts where the muscles involved are supplied by but one motor nerve. Consciousness may be absent, but is not always lost in convulsions. The motor over-action may be a slow and continuous contraction of muscles (tonic) or rapidly and alternately contracting and relaxing (clonic) convulsions. The tonic spasm long continued, results in a contracture. An irritation (central) by reason of lost inhibitory powers of the supreme, over subordinate controlling centers. An hysterical contracture is always functional. Contractures may be discovered by noting the presence of abnormal resistance in flexing or extending the limb, also may cause it, or a destructive lesion in the cortex may be the cause, if inequality of power exists between antagonistic muscles. Functional contractures will disappear during sleep or under an anesthetic.

Another motor overaction I wish to speak of, because of its common occurrence and increasing frequency, is tremor. It is an involuntary, fibrillary, to-and-fro movement of small fibres of muscles, not of sufficient importance to be dignified as spasms or convulsions. They are always symptoms, and are due, probably, to an interruption or exaggeration of impulses enroute from cortex to muscle. They are conveniently divided into those which diminish or cease (temporarily) immediately following active voluntary efforts. Its presence may be verified by extend-
ing the limbs, protruding the tongue, closing the eyes, raising the lips for showing the teeth, or adjusting them for whistling.

I have said tremors are common and rapidly increasing, symptoms. The increase is due to modern social and business demands, which destroys nervous stability; and for the additional reason that some of nature's products, which education has shown us are of use, have been turned to misuse. You will not have practiced medicine very long before you will see patients who complain of being "exceedingly nervous, trembling or fidgety." They will extend the hand and ask you to explain that tremor. These cases are not so immediately interesting as a case of brain or abdominal surgery, but they are intensely practical, many times more frequent, and as surely fatal to the individual, unless the cause be discovered and eliminated. It is here the doctor's knowledge of "cause and effect" in producing disease should find exercise in analyzing symptoms.

Remembering that toxic agents produce motor imitations, you will naturally think, and doubtless correctly too, of alcohol, tobacco, coffee, tea, lead, arsenic, morphine, cocaine and many other useful, but much abused substances, any one of which may be the cause. The tremor in these will be rapid, and of the "intentional" type. If all these are eliminated and only a functional disturbance is discoverable, we will have in mind hysteria, neurasthenia, or exophthalmic goiter. The tremor of multiple sclerosis and paralysis agitans, we will consider under separate subjects.

Clonic movements have a place here too, but there is more of the jerking inco-ordination and non-rhythmic character in chorea, than in movements called tremor.

Destructive lesions involving the motor tract, produce a diminished or absolute loss of motor activity. We have hemiplegia, monoplegia, paraplegia and crossed paralyses. If contractures be present we call it a spastic paralysis. Paralyses are central and peripheral depending on the portion of the motor tract affected. If the nutrition of the muscles is good, their tone increased to a rigid or spastic state, reflexes increased, but no electrical reaction change, we have a central lesion; while poor nutrition (atrophy) flaccid muscles, diminished or lost reflexes and decreased electrical reaction, points directly to a peripheral lesion. In most cases the presence of paralysis is obvious, as in Ptosis. Where the weakness is slight we resort to various tests. Of course we must know which muscles we wish tested, and what movements are necessary to determine if their function is below normal. Ob-
serving closely the varied voluntary movements of the patient may reveal much useful evidence. In cases where slight loss of the extensors of the leg and foot are present, it will be seen by requesting the patient to cross the knees, or the sole of the shoe may be worn on its inner margin, indicating a dragging rather than lifting of the foot, as should be done in walking. Atrophy, if marked, is at once obvious (though the cause may be from non-usage, rather than from a motor nerve lesion), but when slight, measurements should be accurately taken and recorded on all corresponding parts. Electrical tests too are valuable aids in diagnosis.

Faculty Department.

W. F. Milroy, M.D., Editor.

There came into the hands of the writer, the other day, a letter which he had written in 1887. Mention was there made, of the opening of the Omaha Medical College with an attendance of twenty-four students. This was spoken of with an evident feeling of satisfaction and encouragement. Today there are in actual attendance in the college more than six times that number. If one may judge the success of the college by the growth in its membership, it would appear that the most exacting person should be satisfied with this showing, amounting to a doubling of the attendance every two years for more than a decade. Some one remarked since the present session opened: "The tables are turned. Heretofore we have had to push this enterprise with a good deal of perseverance and energy, now it is pushing us." And, speaking of the increased attendance the question is naturally suggested as to how long this increase is likely to continue before a natural equilibrium will be reached; or to what extent it should be permitted to continue. The former query would probably be answered most successfully by a study of the many influences which combine to bring students to the institution. To do this in detail would occupy more space than is at our disposal. Chief among these influences, however, may be mentioned, in a word, the facilities which are here provided for prosecuting the work and for promoting the comfort of the members of the college, together with the honest efforts of a capable faculty to instruct. It is conceivable, granting that it is possible to maintain the advantages of study here at the present degree of excellence, that the college might continue to grow for a considerable period longer.
On the other hand we are met with the question, to what extent should this growth be permitted? This is a serious proposition. We have for years insisted that the advantage gained by attendance at a small school of medicine well equipped, is so great that no amount of superior endowment or equipment possessed by a great school can compensate for it. The reasons for this contention need not be here enumerated. But where is the limit in attendance to be established, which, to overstep will do harm? This may not be clearly defined or easily discerned, but it is the determination of the officers of the institution to avoid it by a safe margin. We recall the story, in the old reading book, of the two boys, one of whom commended his skill as a driver by daring to venture very close to a dangerous precipice; the other by stating that he would keep as far from it as possible. We concede the greater wisdom to the latter boy and shall endeavor to adopt his course in this particular for the Omaha Medical College. It is sufficient to add that there is a feeling in the minds of some that we are rapidly nearing the time when the college must adopt some plan which will limit the attendance. The trustees are determined that the excellence of the work shall not be permitted to deteriorate on account of crowding. The Omaha Medical College has never aspired to be a big school; it has never ceased to strive to be a good school.

In the opening address, full of wit and wisdom, with which Dr. W. B. Ely of Ainsworth, favored the college, he made reference to the very large percentage of graduates in medicine who quickly withdraw, for a variety of reasons, from the profession. In a recent conversation with Dr. Mogridge, the efficient secretary of the alumni association, he stated that, of the total of about two hundred and thirty persons, who have received the diploma of this institution, there are probably not more than fifteen who are not today engaged in active practice and doing fairly well and this number includes perhaps half a dozen who have died. In view of the large percentage of direlicts referred to by Dr. Ely, one is impressed with the favorable inference suggested by these facts, as to the personnel of the students who have honored this college with their presence, as well as to the character of the education they received.

As visions of our alma mater from time to time appear to our mind’s eye, many of us recall as by no means the least conspicuous figure there, the clerk of the college. The functions of that official have thus far, in the history of this institution, been carried on by members of the faculty. The burden has steadily
increased until relief has become a necessity. The college has been so fortunate as to secure in the capacity of clerk the services of Mr. W. D. Patten and we feel that his experience and personal qualities fit him in an eminent degree for the duties of this position. We are confident that when he has had time to become familiar with the affairs of the institution we shall all notice that the business progresses with a greater degree of smoothness and precision. If the various exercises of the curriculum have any value it is worth while to attend them with punctuality and regularity and the knowledge that our name is liable to be called at any hour may some times prove a valuable stimulus. Doubtless, too, the college will take greater pleasure in conferring the degree when the evidence is presented in black and white that it has been honestly and fully earned.

* * *

Athletics, in the life of a modern institution of learning, is not an end, but only a means to an end. This end is not singular, but multiple. Sociability, college spirit, enmity of purpose, recreation, preservation of health—these are some of the results of well-managed college athletics. In academic schools athletics no longer figure as a luxury, or that which may perhaps be endured, it rests upon the footing of a necessity. That it is new in medical schools must not be taken as evidence that it has overstepped its proper limitations and is an unwelcome intruder. The refrigerating plant for preserving material is new. The course in biology is new. The expensive laboratories of histology, of pathology, of bacteriology and the years of study along the lines of these sciences are new. The four-years graded course is new. All of these things and many others have marvelously altered the environment of a medical student and the process by which he obtains his degree, as compared with the experience of his father. Since, then, the essentials are so widely different, is it not to be expected that adventitious circumstances shall require readjustment if harmony is to continue? In the opinion of this college each of its students must devote a certain portion of his time to recreation if he would obtain the best results. It has been in furtherance of this idea that we have, at considerable expense, provided the conveniences of bath, dressing rooms, etc., in the college building for the players of foot-ball. We do not seek to develop professional athletics. We do not desire attention to be unduly diverted from the more serious work in hand. Nor do we fear this, since we are dealing with men, not children. We are anxious to have enough of spice and pleasure injected into
these four years of undergraduate work so that, in after life, when days and nights are crowded with carking care and anxious toil the weary doctor's memory shall carry him insensibly back to this period in his career and he shall love to dwell upon it as the happiest of his life. Let us not, then, go mad over foot-ball, but let us get in trim to make it hot for all comers. A score of twenty-three to nothing is great, and yet we'll all be content to unite upon the platform of sixteen to one in favor of the O. M. C.

______________________________

Clinical Department.

W. L. WILMOTH, O1, Editor.

From the opening of this college year, September 25th, the clinical material at the college has been all that could be expected, both in regard to number and variety of cases presenting themselves. Nearly all the clinic hours have been fully taken up with careful and systematic study of each case presented. This does not mean, however, that every student in the upper classes has seen every case which has received treatment at the college. It only includes, as a rule, just such cases as are brought before the classes for that particular day, whether they be medical, surgical, nervous, genito, urinary or children's clinic. It is the rule of the college to turn none away who call for treatment and so it happens that many cases are treated in the daily college dispensary, that are not seen by all the students, but only by such as may be appointed to look after these cases. The clinical editor will not attempt to give an account of all the cases that have been treated at these clinics during the past month, but will give only a few in order that our readers may get an idea of the kind and class of work done at the college and the benefit derived therefrom by her students.

The senior and junior classes have regular hours each week given to clinical work. This work is done in the most practical way for the students—usually some one of the students is asked to take charge of the patient and to conduct the examination in the same way he would when called to the bedside of a sick person. A history of the person is taken, including such diseases as he may hav had in earlier life. In many cases the family history is gone into to see if there may be inherited tendencies in any direction—above all we must get all the knowledge possible about the present trouble. The diagnosis, prognosis and lines of
treatment indicated are discussed. In the above history, of course, a physical examination is made and all the signs carefully weighed. The history is filed for future use in case of patient’s return for further treatment.

The following report contains a few of the cases which have appeared at the college since its opening, September 25th. A great deal of the history is omitted, only enough being given to give our readers an idea of the kind and class of cases with which we have had to deal:

Case No. 1.—A child about three years old. Left knee somewhat enlarged, the swelling extending more above than below knee joint. Palpation elicited, fluctuation beneath synovial membrane above the knee joint. No heat or redness. Trouble has existed two weeks. Diagnosis, Subacute Synovitis.

Case No. 2.—Little girl, eleven years old. Has had cough seven years, following pneumonia. Clinical symptoms all noted. Diagnosis, bronchiectasis. Treatment, Higienic & K. I.

Case No. 3.—Lady patient. Trouble in stomach, pain past two weeks. No nausea or vomiting and very little flatulence, no diarrhea. Bowels regular, temperature normal, tongue slightly coated, digestion good, pain when jarred by walking, pain not constant. Diagnosis, Gastralgia.

Case No. 4.—Little girl about three or four years old. Left knee joint enlarged, enlargement more above than below the knee. Palpation elicited, fluctuation beneath synovial membrane just above the knee joint. No local heat or redness present. Trouble had existed about two weeks. Diagnosis, Subacute serous synovitis. Treatment, rest. Antiphlogistine was recommended as serviceable here to absorb the exudate. Then aspiration if necessary.

Case No. 5.—Girl 7 years of age. Attends school. After eating hearty supper she goes to bed and after sleeping for 3 or 4 hours will wake up and cry out as if in fear. Eyes open, but she does not recognize those around her. Diagnosis, Nocturnal spasm, brought on by a disturbance of cerebro spinal center; treatment, dietaty and hygienic, bathe spine in cold water, bathe feet in hot water, Sodii and Potassium Bromide, grs. viii. of each given at bedtime, to be repeated, if necessary.

Case No. 6.—Dr. Gifford’s case shown at M. E. hospital. Boy 12 years old gives history of having fallen from a bicycle while riding and as a result he received a severe injury to one eye. A piece of eye was punched out very neatly, which resulted
in loss of sight. Operation performed on eye, found in it a cartridge shell No. 22. Diagnosis, boy told falsehood.

At county hospital two cases, each case with severe sprain of ankle. The degree of injury to part in each cases noted. The proper method of using adhesive strips on sprained limbs was discussed, also conditions when some other form of dressing would be advisable, were pointed out. The adhesive strips and dressing were applied before the class.

Next case at County hospital. It consisted in comparing two cases of skin eruption, the differential diagnosis of the same and the similarity of the two were first noted. The history of the cases was taken to aid in and confirm. Diagnosis: One proved to be secondary syphilis; the other erythema multiforme. One was put on specific treatment; the other was given a wash of soda externally and tonic internally. Both cases have been before the class since and are doing nicely.

Next case, middle aged man with a swollen testical. He gave a history of an injury by falling and claimed this to be the cause. His story was not believed. Diagnosis: Posterior urethritis with orchitis of gonorrheal origin.

Next case a gentleman having local inflammation in the palm of left hand and over the meta carpal phalangeal joint, principally of middle finger. Gave a history of same kind of trouble on other hand some time before.

Symptoms: Pain, swelling, redness, fever and arrested mobility. Diagnosis: Cellulitis. Treatment: Cut down into at once before fluctuation occurs, put on wet antiseptic dressing once or twice daily.

Next case, baby nine months old. Has a purplish discoloration of skin around the lower lip, spreading up over the lip. Discoloration similar to a birthmark. No specific trouble.

Diagnosis congenital dilatation of capillaries due to neurosis. Treatment, internally, Hydrarg. Chlor. corros, gr. i aqua Dist. ounces ii. Sig. ten drops twice daily. Externally, yellow oxid mercury gr. x, aristol gr. xx, cosmoline ounce i. Prognosis not good as to cure, but aid to absorb.

Next case, brother and sister. Both troubled with nocturnal enuresis. Worse in cool weather and on cool days. On cool nights may wet the bed from three to five times. Mother says there is a whitish deposit in vesicles when urine is allowed to stand for awhile, also ammoniacal odor, urine examined. Treatment: Bathe spine with cold salt water. Raise the foot of bed three or four inches, also R. Fld. Ext. Ergot, ounce 1¼, Tr. belladonna
ounce 1/2. Sig. Little boy 20 and little girl 15 drops one hour before bed time and again at bed time. Two weeks later cases returned. Some improvement. Physiological effect of belladonna in both children. Medicine reduced to one dose at bed time. A little atropine and Hyoscyamus given, T. i. d.

Next case. Boy nine years old. About one year ago boy fell from house and struck his head at about the parietal eminence. Stunned considerably. For several days after cried much and complained of pain in head. Since that time has cried a great deal, will lie on his bed and cry, occasionally awake out of sleep and cry and also at school. There seems to be no mental impairment, is able to keep up with his classes and learns rapidly. No external injury to scalp and very little swelling. Was probably never unconscious. The pain principally right side and back part of head. No motor changes or paralysis. Diag., a probable slight injury to internal plate of skull with little adhesion and thickening of the dura and mild local meningitis. Case referred to neurologist.

Dr. Summers has given very interesting clinics at County and Clarkson hospitals.

Dr. Davis has kept his clinics up to the acme and has operated for movable kidney, Inguinal Hernia, Fistula and many other abnormal conditions which mankind is so prone to acquire or inherit.

Dr. Gifford’s operations on the eye at M. E. hospital have been very instructive and interesting to the members of the senior class.

Dr. Jonas has given some excellent clinics and has had several sections of senior class attend his operations at St. Joseph’s hospital, a feature entirely new but highly appreciated by all.

Dr. Aikin has given some very good advice as to how we should advise relatives and friends of persons mentally deranged. This is a point seldom touched upon and is surely very important.

Dr. Milroy’s clinics at the County hospital are very instructive. We have had some very good talks on typhoid fever and rheumatism. These diseases have been so thoroughly discussed as to etiology, symptomatology and treatment that we feel very safe to treat the individual who is unfortunate to contract them and fortunate enough to come to us for treatment.

Dr. Anderson’s clinic has been very good and aside from his clinic on Genito Urinary he has also given splendid clinics in major surgery to sections of the senior class at the different hospitals.
Editorial.

With this issue of The Pulse we present the likeness of Dr. J. M. Aikin. The Doctor has had a great deal of experience along the neurological side of medicine and his article on this subject will be appreciated, as diseases of the nervous system and modes of examining them, are very prone to become quite perplexing to the average general practitioner.

Dr. A. B. Somers has shown his ability to teach and his lectures have been very instructive. If the prolonged applause given the Doctor at his first appearance before the students of the two upper classes counts for aught, he will surely have their entire co-operation throughout the term. The Pulse extends a hearty welcome to the Doctor and wishes him much pleasure as Professor of Obstetrics in the O. M. C.
Perhaps the word "Loyalty" and its meaning has become quite faded to some of our students, at least we hope it to be such rather than the self-elected idea that all they are at college for is to study medicine. Without a considerable degree of loyalty, which is quite manifest in college spirit, our associations at school would naturally fall into a rut, which would only resolve itself into a monotonous career. To do away with this the faculty are doing all they can to stimulate the students on to do as other up-to-date and wide awake schools are doing and the majority of students show their appreciation. Some do not. Within the last three years a football team and a college journal have been added to the school and both need to be supported by all the students. Without either, college life would not appear as it does. To maintain a football team costs money and work for the manager and players. To publish a college journal is also rather expensive. We are indebted to the higher classes for their hearty support and also to such members of the other classes as have shown their appreciation and sincerely hope that the other members will get into the wagon of loyalty and aid us with their subscriptions.

Omaha Medical College has scored another victory. This time it comes from the highest state official. Governor-elect Dietrich has appointed Dr. Anderson as surgeon-general on the governor's staff. One victory after the other in way of appointments of members of the faculty will soon make the O. M. C. as strong as any college of medicine. And so it should be. Congratulations, Dr. Anderson.

The same old annual trouble which we may call Medics vs. Dentals almost culminated in a very serious way, but according to reports all is well. Now let there be peace.

Football has been so much the current topic at school that THE PULSE cannot help but take the fever, so look out for our December issue.

Do not forget to patronize the advertisers in THE PULSE. When you do patronize them, please mention THE PULSE. Don't forget.
Athletic Department.

This issue of The Pulse finds the football boys still on the gridiron, although their last game left its sore spots. Election, along with its excitement, took many of the team out of town to vote, which broke into the regular practice and caused the team to lose about a week of valuable training. The game with Hastings College was played at Vinton street park, October 27, and resulted in a score of 21 to 0 in our favor and might have been much larger if the boys had played as hard in the second as they did in the first half, it being the desire of the team in the second half to keep the Hastings Baptists from scoring. The visitors played hard to the finish of the game, but were unable to make their coveted score. Once on a pile-up they succeeded in revolving their interference and by a double pass backward got around the end, and had it not been for "Dad" Moore's sprinting would have gone over the line.

Stuart's long run of seventy yards on a "criss-cross" for a touchdown has won for him a warm spot in the heart of every Medic.

The extra game that was scheduled with Tarkio was played at Tarkio, Mo., November 16. The team left Omaha Friday evening, and stopped over in Villisca, Ia., until early the next morning, when they went direct to Tarkio.

The game started by Tarkio kicking off to the Medics, who by hard line bucking carried the ball to Tarkio's fifteen-yard line, where it was punted over the goal line and Allen fell on the ball. Moore kicked goal and the score was 6 to 0 in the Medics' favor.

At this point of the game Tarkio, who had kept their right-half out of the game, as men on the side lines claimed, because of his ability to slug, which was constantly causing trouble for them, was put into the game and trouble began. Every scrimmage slugging and holding was Tarkio's play. The referee, who is a professor in the college and a coach of the team, refused time after time to notice the foul playing. The Medics were receiving more than they could stand of such fouling and returned one of Tarkio's blows in the same kind of coin. Immediately things were in an uproar. About a half dozen of the toughs who were in evidence on the side lines, rushed to the center of the field and
pulled off their coats ready to take a hand in the affair. It is claimed by some that one outsider pulled out a knife ready to do his share for the Presbyterians. This evidently was one of the times when the Presbyterians were united.

The referee allowed the same players to continue the game, with little or no warning.

The Medics from this point of the game failed to get into the plays, as all interest and hope of receiving fair play was lost.

The first half ended with a score of 11 to 6, which might be considered a fair estimate as to the two teams' strength. The second half was merely played by the Medics against time. The final score was 52 to 6. Two of the decisions of the referee were decidedly coarse. One especially being a place kick from the field which was several feet outside the goal post.

It has been asked why we did not play the same kind of a rough game as our opponents. The team were wise in remembering that they were not away from home to establish a reputation as a team of prize fighters, but as football players.

The Junior and Sophomore football game on the 21st inst., was one of the most exciting games of the season thus far, and while most of the men that played were in their first game, both teams did excellent playing, as the small score will show. This is the first attempt to have a class game, and judging from the interest shown by the students, as well as a number of the instructors, the class game is a decided success. Many of the leading football enthusiasts kept their eyes open during the game and hope to get some of the best material out of the teams to use in the future for the first and second teams, as many of the Juniors and Sophomores showed up in good form. The defensive work of both teams, especially the Sophomores, was the striking feature of the game. The Juniors started the game by kicking the pigskin to Gage, who by the aid of Osborn's interference, made an eighty-yard run for a touchdown, and the Sophomores claimed the first score of five points in the first ten seconds. This made things look as if the score was to be a large one, but not so, for the Juniors got into the game and only small gains were made by either team, with the exception of a few end runs by Morrison and Root, who played the half-backs for the Sophomores. In the second half Morrison tore himself loose and tore across the line for a second score for the Sophomores, which made the final score of 10 to 6 in favor of the Sophs.

For the Juniors, Fitzsimmons, Keys and Christie played the hardest, and did effectual tackling. The Sophomores' line was
strong and repeatedly stopped the line bucks, while the ends and backs played hard for good gains around the ends.

Both classes were well represented in the side lines and both teams did not lack for rooters. Dr. Yeakel stood up on the bleachers, wishing that the time would be extended so that he could see another touchdown.

The Sunday World-Herald of November 5th contained an excellent picture of the team, it being taken just before the Hastings game. The gold and purple sweaters show up well in a picture and have a tendency to make the team look much larger than they "really ought to be."

The Juniors lost their money because the place-kick failed to materialize.

More than one member of the team wished that Dr. Treynor had been the referee in the Tarkio game. There might have been a "show" in Missouri.

---

**Class Notes.**

**SENIOR NOTES.**

A. G. Emerson, Editor.

Election is over, but might is not always right.—Fitzsimmons.

Even to be a correct diagnostician requires backbone.—Wells.

My revised edition on atrophic rhinitis will soon be on sale. Gilmore.

The invincible Allen and Vallisca Hall did Tarkio the honors for the senior class.

The average duration of an attack of ague is from July to eternity.—Wainwright.

Herron and Reichenbach have the gratitude of the class for their instructive clinical exhibit.

Locchner and Robertson were busy telling South Omaha and Council Bluffs that it was all a fake—no riot occurred.

A prominent republican politician of the Senior class has the promise of the appointment as surgeon to the Sultan of Sult.—Perlee.
Leisenring displayed his commendable quality of college pride by accompanying the football team on their recent trip. "To be shown."

The class extend to E. H. Smith their sincere thanks for services rendered in copying and classifying the Senior names and telephone numbers.

We remember, we remember,
In the autumn of the year,
When the Senior class were freshmen,
And alumni boys were here;
How they told us we must struggle
Like the soldier from the tents,
To uphold the Medics' honor—
To annihilate the Dents.
We remember how we struggled,
We remember how we felt;
We remember how they struggled,
And the awful jolts they dealt;
But beyond, above and better,
We remember that it blends
Heart to heart, and Dent to Medic—
Ever after, we were friends.
As the travail of a woman,
Or a nation's awful throe,
At the birth of a new power,
So the great professions grow.
Here the farmer meets the farmer;
City guy meets other guys,
And they scrap, once and forever,
Then grow great and good wise.
So we'll wait until Elijah
Sounds St. Peter's final call,
Then we'll step across the border
To the golden heavenly hall;
Occupied by holy angels,
And by him who here repents;
Or, in other words, by women,
With the Medics and the Dents.
But, to draw a little moral,
To be honest, and be fair,
There will be no patrol wagons,
Police nor reporters there.
The football challenge of the freshman class duly received, and both check and contents noted. We respectfully refer them to the dental class of '03.

Our obstetricians—Dodge, Nilsson, Dummer, Gritzka, Fitzsimmons, Jones, Smith, Wells and B. W. Hall. Calls eagerly answered, hallowe'en or any other old night.

The football squad has the support of the entire Senior class, and with S. B. Hall, Hawthorne, Tower, Wilmoth and Wells doing active practice duty, and with the royal strength of Allen and the readiness of Hall, we claim to rank second to none save the illustrious Juniors.

JUNIOR NOTES.

B. W. CHRISTIE, EDITOR.

The kindness of the Seniors in informing the Juniors of the result of their class election is greatly appreciated.

Mrs. Davies was with us for a short visit Friday, November 2nd. She was an interested listener to Dr. Gibbs' lecture on typhoid fever. It is to be hoped that she will be able to join the class of 1902 before long.

Mr. Hoopes of P. and S., Chicago, a former member of present Junior class, was a welcome visitor, the day after election. He says that we have a good chance to beat the Rush Medic team Thanksgiving.

The class is glad to report that August Carlile has recovered entirely from the injury received in the Bellevue game. The football team regrets his loss from their ranks this year and we must not, at the close of the football year, forget the good service rendered by August.

The obstetrical practice of several students increased considerably Hallowe'en. It is said that Smith, especially, appreciated it, as he missed one before by only a month. B. W. Hall, through the excitement, grew pious. He came in briskly rubbing his hands and exclaimed, "The Lord will provide." The array of instruments was something grand.

It is to be hoped that there will be less friction at our Saturday clinics. Some of the students are fearful that some of their fellows will see too much. I do not believe that any member of the college would willingly intrude where they were not wanted nor asked. A better spirit would be for the students not only to be anxious to see all they can, but also to wish their fellows the same advantage.
We are informed that an interesting paper concerning the arrest of hemorrhage taking place in the history of typhoid fever has been written by one of the Juniors, and that it is to be published in one of the leading medical journals. We hope that our classmate will give due credit to the professor in practice to whom he owes the suggestion of this method. We are always glad to record any distinction gained by any of our members.

It is said that a fortune is to be gained in the purchase of unclaimed baggage. However, it is a species of gambling, and I sincerely hope that none of the members of the O. M. C. will be guilty of such degradation. If, however, you should find it necessary to indulge in this questionable pursuit, as one of our faculty said, "Don't mention the fact that you are a student of the O. M. C." The class editor is not in the habit of moralizing, but deviated this time at the earnest solicitation of Van Fleet, Anderson, Jones and others.

SOPHOMORE NOTES.

Max, Koetter, Editor.

Where was the son of J. P. while the game was on?
Smersh is happy, for he is now a full-fledged S (a) phomore.
No, Miss Erickson's school children didn't whisper like that.
'03 extends a cordial welcome to Mrs. Lyman, the new member.

Somebody please give Beck a ticket to the Thanksgiving game.
That visit to the brewery must have been postponed until after Thanksgiving.
Can it be that that gilt-lettered sign was put up in honor of our class president?
Ransom is acquiring quite a reputation as an accoucheur. Further particulars may be obtained by applying at Duggan's alley.

We ought to promise Dr. Yeakel that hereafter all lobbying and discussion of class politics will be done outside of the pathology laboratory.
Those wishing to inquire into the etiology of that smile on Jackson's countenance are referred to the dissection schedule on the bulletin board.

Davies says he has never suffered from insomnia, and any gossip to the effect that he carries chloral hydrate in his vest pocket is a base falsehood.
Jungbluth is becoming so renowned in his special field of scientific research that when he walks up the street all the women in the neighborhood pick up their dogs and lock them up.

And now the Freshmen have challenged the Seniors to a game of football. It is rumored that a few enterprising Sophomores knew all about it before the Freshmen did. That is why the Seniors accepted the challenge before it was issued.

What's the matter with the Sophomores? Oh, how we did beat those Juniors—10 to o! How did that strike you? Did you see that wonderful touchdown? The worst of it is that we'll have to play the Seniors next, and when we beat them we'll have to play the Freshmen.

At a class meeting held November 9, the hour for the chemistry lecture was changed from Saturday morning to Monday afternoon, 1 p.m. Be it understood, of course, that Dr. Stokes was consulted beforehand, as were also the Dents. It was also on the program to consider the formation of a medical society by the class, but it was after 5 o'clock, and a motion to adjourn dispersed the whole crowd.

Wm. P. Wherry is very particular about how he travels. His favorite mode of locomotion is walking. It is suggested by some of his worst enemies that when he is in a great hurry about examination time, he will even condescend to ride horseback, but when it comes to occupying a reserved seat in a little blue wagon, Wherry emphatically draws the line. Hence his sojourn on the roof after the Freshman scrap was over.

———

FRESHMAN NOTES.
E. A. MERRETT, Editor.

"Pap" Merkl is greatly interested in urinary analysis. Wonder why?

If you are not fully informed on any subject, just ask Trostler, he knows.

Bellinger can tell you all about "housemaid's knee." He has had experience along that line.

Brunnering investigated the interior of the refrigerator not long ago and has been dieting himself on wine.

"The Lad With the Auburn Hair" again distinguished himself in the Hastings-O. M. C. game by a 7o-yard run for a touchdown.

Dr. Stokes paid a few compliments to the class as a whole, and they were very acceptable, for, "verily the path of the Freshman is thorny."
Trostler has seen the remarkable phenomenon of reptiles descending from the heavens during a rain storm. For this peculiar malady we would advise a change of brands, O. F. C. Taylor preferred.

The Medics unite to extend through their editor, good will and best wishes for a speedy recovery to both Woods and McCann, who, we regret to say, were injured in the scrimmage. In all probability the affair will be amicably settled and no more trouble will occur over seats this year.

"We have met the enemy and they are ours." The clouds of war that have been hovering over lecture room No. 2 for the past month asserted themselves Thursday last, in the shape of a small cyclone. The opposing powers were the Freshmen Medics and Dents, the bone of contention being the front seats. Several skirmishes have been indulged in, but the last grand battle occurred when the Medics, in a solid phalanx moved on the Dents, resulting in the rout and defeat of the last-named body.

TWO NEW TONICS.

We wish to call our subscribers' attention to the preparations ozotone and zomoru, two new tonics. They are brought before the medical profession only in a thorough ethical manner, and are well worth your careful scrutiny.

Dental Department.

SENIOR NOTES.

Where is Call?

Carl Waterman made us a short visit the 13th. He is now at Nebraska City.

Morrison said he went home to vote. Did he show you the photo he brought back with him?

Eugene Bellamy will soon be with us. He has been detained at home by the serious illness of a brother.

If you have a clock, bicycle or hand organ that needs repairing, Dr. Metzler can quote you prices.

Among those of the Senior class who went home to vote were Van Slyke, Guard, Morrison, Meredith, Propst, Schultz and Kreoger.
Fight is all out of the Juniors this year. Last year they were the majority, but the Freshmen enrollment this year is the “Angel of Peace.”

Class officers are as follows: President, W. H. Patterson; vice-president, E. E. Wilson; secretary and treasurer, Geo. R. Gard; M. A., Clyde Metzler.

Do all the Seniors know that Morgan is a married man? We don’t like to “knock” on a classmate, but we won’t stand for a deal like the class of 1900 had on.

Suggestions before our patients are expected and appreciated when given by our instructors, but when offered by a fellow-student of questioned ability it often produces a tired feeling.

The Freshmen seem to think they are the “whole thing.” We were Freshmen once ourselves and all swelled out of shape, just because the supply house man called us “Doctor.” “You’ll get well, boys.”

By the cooperation of faculty and students we are in hopes to soon decide upon a suitable design for a college pin. We have been in need of such for some time, and are glad it is being received with such favor by all.

In the line of improvements, we are able to mention the receipt of some new blackboards; also some new lockers. Our telephone system will soon be completed and we are to have several new bookcases arranged in the library.

Dr. Wilson isn’t from Missouri, but when a member of the “bushwhacking gang” tells him of their extensive summer’s practice and are still wearing their last year’s clothes, we are of the opinion that he will have to be shown.

Dr. Hatfield, Jr., left us after an acquaintance of one week and we understand will not return. He said it was a message from papa, but we surmise it was from Cupid. We fully realize your position, doctor, but a seven months’ “break away” isn’t bad.

The Juniors scarcely seem to realize how far behind they are with their laboratory technique work until about the time for lectures in anatomy or chemistry. Then their ambition for work knows no bounds, and it seems a pity at first thought that these over-industrious periods should so often be broken by Dr. Metzler appearing in the laboratory and herding them off to lectures like sheep to the slaughtering pen.

As yet subscriptions from the Alumni are sadly in the minority. We need your subscriptions.
Why is Shearer?
Did you go to the dance?
"Haller, pay my brother that 25 cents."
A hair on the head is worth two in the brush.
"Ilkey, is your father living yet?" No, not yet.
When is a goat nearly? When its all but——
Why do they call a boy Pete? Because that's his name.
"Where are you going?" "Nowhere." "Take the Harney car."
Petite Chollette singeth dolefully, "All I want is my money back."
We now have a piano, due to the enthusiasm of the musical editor.
"Second-hand clothing for sale, cheap." Apply to James C. Downar.
Why is Donnar like Royal baking powder? Because he is absolutely pure.
We have from good authority that McKinley is elected.
Don't tell Taylor.
Why can't McKinley be buried in a Chinese graveyard? Because he is not dead.
Roscoe Adipose Days spent his time very advantageously (socially) down in populist-ridden Kansas.
Fritz Wirth Lee, the "Wawshaw" dentist, extracts teeth by music. "Only sacred music played on Sunday."
It takes less to start a nice healthy rough house in the Junior class than any other class of its size in the country.
"Wanted to buy, bloodhounds and night shirts with bullet holes therein. Apply to the Haller detective agency."
The snake editor expects to have a nice bunch of snakes for the museum soon, contributed by the public-minded Haller.
"Dinky" really insists that the aorta is a foot long. It all depends, however, upon the size of the individual owning the aforesaid artery.
A mandolin and guitar club has been formed in the school, composed of Jas. K. Stuart, Stevens, Rob Morse and Roy Morris.
Music for all occasions; funerals a specialty.
"In the prison cell I sit," sang Cressler from his triumphal "car of Juggernaut." Just then the strap broke, and spilled "Laundry" upon the highways and byways of Omaha.
At a meeting of the class "Once in a Purple Twilight" was accepted as the class song. Houston, after great opposition by Haller, was elected to the important position of pigtail. Lee is mascot.

Anybody wishing to start anything has but to announce that 'he' is the best that ever." He is immediately accommodated. We beg leave to suggest to the benevolent faculty that the sink be built to hold three or four. It will facilitate matters.

Uhl looks like a Freshman. One of those kind that clean teeth with a No. 2 sandpaper disc. He had had his whiskers separated from his face. He had them cut off from this world's joys 450 miles west of Omaha, about 200 miles from Colorado.


If anybody in this state can play more divinely on the piano forte than can Claudius Lewis we would like to hear from them. He will have the best there is. Lewis, however, is in no danger of removal. Monis is a close second. He plays with great expression Moskowsky's Hungary tune.

Our $3.50 Shoes

Nowhere else can you find such a large variety of styles or such late and fashionable styles in shoes at this price. Come in and see the best and most stylish $3.50 Shoe in the city.

T. P. Cartwright & Co.

N. E. Cor. 16th and Douglas

Omaha Plating Co.

Artistic Electro Platers in Gold, Silver, Nickel, Copper, Brass and Bronze. Polishers, Buffers, Granders and Sharpeners. Surgical & Electrical Instruments a specialty. Stove Fixtures

LOUIS SLAVIN, Proprietor.

All Work Guaranteed. Bee Building, Omaha, Neb.
FRESHMAN DENTAL NOTES.

K. C. PORTER, Editor.

Might may be right, if you have it; but the Dents think that right is might.

The Freshman boys are all making their best efforts to secure ladies for the dance.

Under the efficient supervision of Dr. Kelley the Freshmen are producing some fine rubber plates.

McCann, who was in a serious condition, is improving rapidly, and we hope he will soon be able to resume his school work.

The Freshman Aid Society held its regular semi-occasional meeting last Tuesday afternoon in the main room of the dental laboratory. Bliss and Whistler entertained, with Stevens and Byars as seconds.

In reference to the Freshman fight of last week the Dents frankly admit that the Medics kept them out of the lecture room till after hostilities ceased, but we feel that the Medics took an undue advantage of the situation. However, the Dents are very well satisfied with general results of the difference of opinion, and feel that justice has been shown both classes in the present allotment of seats.

S. G. Allen Successor to .......... PRESTON & ALLEN
Dealer in
All Kinds of Medical and Dental Books:.............
Price List upon application. Special prices to students and Alumni of O. M. C.

Phone A3734 1202 Pacific Street

For Christmas Inspect our stock of Diamonds.... Watches, Gold, Jewelry, etc. Make your selections now and let us lay it away, subject to exchange, should you find something more suitable. Presentation goods our specialty

MAWHINNEY & HOLIDAY
Diamond Merchants, Jewelers, Silversmiths, Opticians and Art Stationers.
Telephone 768 15th and Douglas Sts. OMAHA, NEB.

Smoke the "Gig"
The Good Policy 5c Cigar
Continental Cigar Company 13th and Farnam

For Health and Beauty
All the physical culture teachers throughout the country are advocating the punching of the bag as the best means of improving the complexion, and for the better development of women. The Omaha Sporting Goods Co. carries the largest line of Punching Bags and Sporting Goods in the city, and are ready to fill all orders. Striking Bag Platforms from $6 to $10. Bags from $1.25 to $6.00.

Omaha Sporting Goods Co.
John F. Smelzer, Prop. 1413 Douglas

A. C. Stokes, M. S., M. D., CHEMIST.

W. K. Yeazel, B. S., M. D., PATHOLOGIST AND BACTERIOLOGIST.

OMAHA MEDICAL LABORATORY.
12TH AND PACIFIC STREETS.
TELEPHONE 1467 OR 2517.

Ex. Stomach Contents, Urine Analysis. Correspondence by Mail.

B. Robinson, Pharmacist
Cor. 13th and Pacific Sts
Telephone Number 1780

Carries a full stock of Drugs and Chemicals
Prescriptions Carefully Compounded:

STUDENTS OF OMAHA MEDICAL COLLEGE GIVEN A SPECIAL DISCOUNT

Always on the Run

and we are mighty glad of it too. We expect to keep it up and for that reason would respectfully solicit a portion of your printing business.........Call us up

Telephone 644
1508 Howard Street
Douglas Printing Co.
Many Jewelers...

Care only for the outward appearance of a watch, and if the case is good think their responsibility ends. Not so with us. We sell a movement that has our personal guarantee also.

Look for the name LINDSAY, The Jeweler
1516 Douglas St.
Omaha, Nebraska

Hutchings’ Photos are the Best

Only the Highest Grades. Cut prices to medical students. See us first, we will save you money and give you the finest work that can be made. College Foot Ball Photos For Sale.

Hutchings
Successor to MATZEN & CO.
1406 Farnam Street
OMAHA, NEB.

SHORT LINE OMAHA TO CHICAGO

THE CHICAGO MILWAUKEE AND ST. PAUL RAILWAY CO.

CITY OFFICE
1504 Farnam St.
Bicycles Cheap...

Our store is full of them and we want the room and your money—Special prices during the entire month.

**STEARNS, RAMBLER, COLUMBIA, BARNES, WOLFF-AMERICAN from $32 to $50.**

**RELIANCE $30.00** The best wheel in Omaha for the money, with choice of equipment only.

**NEBRASKA SPECIAL, $17.50.**

**ALLIANCE, complete new wheel, $13.50.**

Your good judgment will tell you to look this stock over before you buy a wheel. We have one of the best equipped repair shops in the city. Second-Hand Bicycles at your own price.

Sewing Machines...

If you think of buying a Sewing Machine, see us. It makes no difference what make of machine you want, see us. You may want a Davis ball-bearing, or Standard, Singer or a cheap machine for $16. No difference which, we can sell you and save you money. See us. We have no Agents. We pay no commissions, so you will have to see us. We repair and sell parts for all makes of machines manufactured. Monday's we will sell our second-hand sewing machines for one-half regular price. Some will be sold as low as $1.00.

Remo-Sho Typewriters for Sale or Rent.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six Remingtons</td>
<td>$25.00 to $45.00</td>
</tr>
<tr>
<td>One Densmore</td>
<td>40.00</td>
</tr>
<tr>
<td>One Caligraph</td>
<td>10.00</td>
</tr>
<tr>
<td>One Odell</td>
<td>5.00</td>
</tr>
</tbody>
</table>

* * *

Nebraska Cycle Company

**GEO. E. MICKEL, Manager**

Telephone 1663
Cor. 15th and Harney Sts. OMAHA, NEB.
CIGARS! PIPES! CANES!

If I can't sell you better pipes for the same or less money than any house in the west, it won't cost you a cent.

CHAS. A. TRACY

Omaha, Neb.

Mail orders promptly attended to.

BUY THE BEST COAL OF

South Omaha Ice and Coal Co.

HARD AND SOFT ... COAL

J. A. DOE, Manager.

Office, 912 South 13th Street—Telephone 373—Omaha, Neb.

Lunches, Good Coffee, and Cleanliness our specialties.....
Oysters served in any style

Binn's Restaurant,
516 South 13th St.

Regular Meals and Short Orders

Agent for F. W. BINNS, Reliance Laundry. Prop.

1316 Farnam St.

Arthur H. Briggs, Hat ter

Agent for John B. Stetson's Soft and Stiff Hats.

We Furnish the New College Pins

and will have them ready for delivery very soon, but......NOW......
we have a store full of Christmas Goods of every description, richest quality and newest design, and at prices actually pleasing and wholesome.

T. L. Combs & Co.
The Busy Jewelers

1520 Douglas Street

Arthur H. Briggs, Hat ter

Agent for John B. Stetson's Soft and Stiff Hats.

Omaha, Neb.
Our catalogue comprises everything in the Pharmaceutical line, namely:
500 Fluid Extracts.
145 Solid and Powdered Extracts and Concentrations.
50 Standard Tinctures.
300 Formulæ of Elixirs, Syrups and Wines.
214 Formulæ of Pills (Sugar or Gelatin Coated).
700 Formulæ of Compressed and Hypodermic Tablets and Lozenges.

Also 150 Special Preparations, similar in formula to proprietary articles commonly used by physicians but only obtainable in small packages at exorbitant prices. On this list you can save 30 to 90 per cent by buying our goods, besides the advantage of being able to secure salable articles in five-pint or gallon bottles instead of paying for dozen after dozen of eight-ounce bottles. These low prices do not indicate goods of inferior quality, but simply mean that we ask only a reasonable profit for such articles.

*Patronize Western Industry by specifying Mercer's in your prescriptions.*
THE ALOE & PENFOLD CO.,
The Largest Physicians' Supply House in the West.

Olympia Buggy Case. $7.00

The Aseptic Obstetrical Bag No. 950.
16-inch, with six glass-stoppered bottles... $5.50
17-inch, " " " " " " 6.00

Ice Bags and Rubber Goods.

Surgeon's Aseptic Rubber Gloves, all sizes, per pair, $1.50

Minor Operating Case, No. 1. $20.00

Elastic Stockings, Trusses, Batteries and Supporters

The Aloe & Penfold Co.
Importers and Jobbers of
Surgical Instruments, Physicians' Supplies
Drugs, Chemicals, Medical Books, Optical
and Photographic Supplies

1408 Farnam Street
Opposite Paxton Hotel

Omaha, Nebraska.