THE QUARTERLY JOURNAL

OF

INEBRIETY.

PUBLISHED UNDER THE AUSQUES OF THE AMERICAN ASSOCIATION FOR THE CURE OF INTERNATES.

Vol. VI.

1884.

No.

HARTFORD, CONN
THE CASE, LOCKWOOD & BRAINARD SO.,
PRINTERS

BURGOPAN AGENCY:

BULLITERED, DINDALL & COX.

80 King William Street.on the Strand, London, W.C.

TABLE OF CONTENTS APRIL, 1884

PAC	ЗE
THE TREATMENT OF OPIUM ADDICTIONDR J.B. MATTISON	1
	9
	20
.DELUSIONS AS TO LOCALITY IN CHRONIC ALCOHOLISM WITH A TENDENCY TO DIMENTIA DR.	. L.D.
	28
	36
ABSTRACT AND REVIEWS	
THE INFLUENCE OF IMMODERATE BEER DRINKING ON FATAL DISEASE OF THE HEART	39
ACTION OF OPIUM ALKALOIDS	43
INEBRIATE PARALYSIS	45
PATHOLOGY OF ALCOHOLIC PARALYSIS	47
EDITORIALS	
INEBRIETY A DEFENSE FOR ILLEGAL VOTING	51
PREMONITORY HINTS OF INEBRIETY	
CREDABILITY OF INEBRIATE WITNESSES	55
PERSONAL	56
THE RELATION OF LIFE INSURANCE TO INEBRIETY	57
COMMISION ON ALCOHOL	58
STATE REFORMATORY FOR INEBRIATES	59
CLINICAL NOTES AND COMMENTS	
OPIUM TREATMENT	62
MYELITIS FOLLOWING INEBRIETY	63

THE

OF ANTERLY JOURNAL OF INFBRIETY

APROLITING

No. 2

The same of the same

This Journal will not be responsible for the opinions of centributors, unless inclose the the Association. A STATE OF THE PARTY OF THE PAR

A PLEA FOR A MEDICAL JURISPRIUDINGE OF INERRIETY TO KEEP PACE WINDSTEE CONCLUSIONS OF SCHENCE SE SPECTING THIS DISEASE.

BY JEPWYRO E. MANN, M. D., NEW YORK COTY, PRYSICIAN TO CULLER SUNNYSHIE RETREAT FOR INEERIATES AND NERVICES TO

Them before the New York Medical Legal Society, MacDivingal,

tions, in which the subject shall be treated in a spirit corresponding to the present condition of the science of inchniety, otheral to acise on inchrictly in connection with its lagal relalegal relations of meditates. We need a complete and methe the legal relations of man; no work entirely devoted to the decrees of incorrect are treated in reference to their effection abread. We have no work in which the various logges and tremment that have been established in our own country and to incirrery by means of institutions devoted expressly to its inchricty. This is due to the more intelligent attention given accept the conclusions of science respecting the disease of Society in general to-day are more willing than formerly to

inebricty, as are physicians eminent for their knowledge of science can be successfully contradicted by men unterly desaccumulated results of experience in this department of medical science. The day, we think is gent by when the ducted inquiries, the offspring of the steady advantement at ical character of the disease of inebriety, we would place even high legal authorities have cutertained of the patholog toxication, as against the crude, and imperfect notions that to include in alcoholic stimulants; and to frequent his of inmorbic irritation of the correct sensors certifies of the brain impelled by the craving -offen penodical-resulting from a rently chooses to include in alcohel, and who is irresistibly psychic and physical signs, between the individual who appa various forms of drunkenness and the docase, with its essential disease must be met by drawing a sharp line between the as ritiniting the civil acts of this ending an authority with it discuss of metricity should be regarded as exampling from the stone of a medical jurisprudence of inclusion, viz. That the general proposition which we hope may prove the comor We would premise our further remarks by laving cown a and ostracism of the hands of his friends and acquaintances ment and efficient nursing, the inchrinte has received lighthing kinders and consideration and good medical directed treatsubjects of this discuse under the name of Law. Instead of inchriery, and therefore great injustice has been done to the we had obtained any accurate ideas respecting the disease of the legal relations of the insorting were framed long before The principles of law which have been haid down regulating and skill relative to this particular disease. The singly tact the disease of inchriery, and who have particular kin whilese capable of giving opinions in judicial proceedings relative to far distant, we trust when such men only shall be considered their opinions with arrogant confidence, and the day is not titute of any knowledge of the subjection which they tender before them the results of more extensive and bester confacishment of creme, and with r some fariningsocies at deast, The difficulty in determining who are replicable subjects of

> neveals generally an inhermed neuropathic condition, an montal disease. We think we laitly state the known facts of annul crimunal responsibility, and clipsonama is ominently a of the presence of mental disease should be sufficient to lution and irritability of manner and speech, all of which are ant centres; morbid-fears and dreads, morbidly colored perand herve centres. great analability of the cerebral cognizscience, and the current facts respecting the disease of ine stitutes the discase—inclinety. We have bere a morbal to cien to a healthy person, all these me the psychical charabilitimal state of the nutrition and circulation of the brain bricts, when we say, that clinical investigation of facts the centric nervous system demanding stimulants which conaccepting of the neurosthenic stage of medicate. We have ceptions, conceptions, and misconceptions, finidity, tresoalcholic stimuli, and a disposition to frequent his of intoxicalessness, unnatural sensations, an uncontrollable desue for and evinced outwardly by great nervous irritability or restperverting brain function, a condition markedly hereilitary, of the brain or from special molecular changes in the centres. from same morbid irritation of the cortical sensory eculies jusychosis, a disease of certain parts of the brain, resulting here all the signs and symptoms of an abnormal condition of

recognize the reachings of science. The code should contain to-day conclusive and unanswerable. There is a modified pathological evidence in favor of these facts which I have and in reference to the legal relations of the inchriste. The recognize this fact both as to medical and moral treatment ate is simply the subject of a disease, in which normal funcmental responsibility in this disease as in other forms of stated, was at hist slender, has been yearly increasing and is tion is acting under abnormal condition, and we should yous apparatus as in mental diseases generally. The inchrimental disease and the common law should be codified to There is a departure from a healthy structure of the ner-

8

a provision like the following, respecting the disease included:

sciousness of the criminality of the offence or the free will ineest be the discusse of inchriety, which either takes away alnot be in the each on those who convent ponal nots in a state in tially or completely unconscious to violent acts. Responsibility tion, irresisting impole the subject of this discuse, while purpenal have or so confunction with some prouther builty could untarily deprived of the consciousness of the true nature of disease (the great diagnostic mark of which is the irresistiof the consciousness of the true nature of his acts, can be dition of mind is which the person is involuntarily deprived act done by a person in a state of mental disease, or any condisease of inchricty is a form of mental disease, and that an of the offerder, is taken away by disease. If we say that the should be assulted in that condition, in which either a conconsercusaces respective the act generally and its relations to entered into during such disease, and on the testamentary does not possess its ordinary soundness and vigor, and the neither can it perceive and embrace these data. The mind by the senses and therefrom to deduce coursel judgments dipaomania has no power to examine the data presented to it the mind are markedly effected by this disease. The mind in than dips mania. The reflective and perceptive powers of periodical insanaties. There is no truer periodical insanity by the superior force derived from disease exactly as in the his acts. In this case, the will is overborne by the very torce ble impaint and maring for stimulants), the person is involpunished as an effecte, we then protect the inchriate satiscapacity of the mind. We should, however, be decided reseem to throw some degree of suspicion on any contracts existence of definium at any period of this disease would of the disease. factorily. Please remember that by the very nature of the ing of a will, the previous intentions of the testator and the garding this point by the circumstances that attend the make By reason of their impaired responsibility, punishment can The man's free will is taken away from him

Flea for a Medical Jurispradence of Instricty.

standing, and he is more or less unconscious of his outward our opinion each individual case ought to be decided solely the rapries previous to the marriage, we would say, that in sidered a valid reason for disease when concealed from one of nature of the act itself. Whether inchriety should be conan inelpitate is to be determined, in a great measure, by the nature of the case. The testamentary capacity, therefore, of He does not enjoy the free and rational exercise of his underthe same footing with one who labors under ballucinations. on its own merits. We are inclined to place the inchriate on sion of its powers and oftentimes excited by unfounded delurightfully be imputed to him as crimes. The acts of an increlations; ergo, none of his acts during the perexysms can regarding them in a criminal light sions, and an enlightened sense of justice revolts from even briate certainly proceed from a mind not in the full posses-

insanity." uplikely that we might hear the declaration that such a one turbation that they are unfitted for mature, correct, judg their views of persons and things are greatly confused and sciousness in which the patients rarely know what they are was entirely unconscious of having attempted such an act case to be frustrated and the patient cured, it is not at all ments; and that if their suicidal designs were in any given distorted, and that such persons are in such a degree of perexactly the mental condition of an inchriate at the moment of acquitting such a person as "not guilty, on the ground of moment of the act, so that a jury are amply justified in about. There is a very doubtful mental condition at the inobricty, are done in a dream-like state of partial uncon-Suicides and homicides by those affected with the disease of nearly always, such a person is deprived of his moral liberty his committing a criminal act, but I am inclined to believe that With respect to dipsemania, which term I would restrict to insanity, characterized generally by excitement or depression periodical attacks of inebriety, we have a true periodical With reference to the suicide of inebriates we think that I grant that it is often a difficult task to determine

and irresistible," that "dipsomaniacs obey an impulse which Montales, 11, 80.) Esquirol says, "this craving is imperious and termed it dipromania, and attributed it to the influence fact not generally known, that Esquirol distinctly recognized restless impulse by which he is mastered." It is, I think, a responsible. (See note in Hoffbauer, § 195, and Maladies of pathological changes, absolved its victims as not morally the disease of incorrety in its continued and periodical form, deploring, it may be, with unutterable agony of spirit, the a full knowledge of the dreadful consequences to fortune, the course of this disease, years ago, in these words: "With inebriety. The late eminent Dr. Ray graphically described character, and family, he plunges on in his mad career, moral and intellectual powers of the subject of the disease of tive changes are directly related to the manifestations of the paper further than to remark that of course such degenerabrain induced by alcohol, I shall not allude to them in this various societies detailed the pathological changes in the except through the brain, but as I have repeatedly before responsible or completely irresponsible for their civil or dipsomania are, during their lucid intervals, either completely even during the lucid interval. Self control is more easily attacks or paroxysms, which unfit it for extraordinary efforts irricability induced in the mind by numerous and frequent complete intermission of the disease and this may last for criminal acts. We do not think that these cases of periodical drinking or mental effort or responsibility felt by the patient himself lost, and there is a want of capacity for new or sustained weeks or months, but I think there is a weakness and business as a person ever is in a lucid interval. There is a transient or nausitory excitement during this luckl interval the patient is retional and lucid, although there may be allayed only by complete and deep intoxication. Succeeding and the irresistible craving for stimulants, which craving is In these intervals the dipsomaniac is as capable of transacting this paroxysm of drinking is an interval during which The mind cannot be affected of course,

authority relates the ease of a lady who, after being melanchaly for about six weeks, which condition is generally the cure in the spring. During the two following years the of affection toward his family. In the following amount suddenly seized with the strongest chaving for spirituous stomach and indisposition to take the least exercise, was liabits and applied himself to business and showed a return drink craving ceased. He resumed his regular and sober menced a course of inebriety, and mather the eliciates of and ill-tempered. His tastes and habits changed, he comness." Esquirol relates the case of a merchant about forty they know not the power of resisting," that they are "true of their sex and especially temperance". After this affirmaof it in women who previously had exhibited all the virtues occurs in women at the turn of life, as it is called as a result of the affections (these latter being peculiarly distinctive of mental disease). For six years, I squirol says, these sympanterestent stage of active insanicy, with weakness of the disease yan its course with its partrypens and favorancesious appeared the same phenomena and the same spontaneous affection nor the authority of his father availed anything business reverses neglected his business, became irritable these cases "all the characteristic features of partial madtounder of psychological medicine - that we shall find in of the legal profession to this emphatic statement of the monomaniacs." He also says, - and I invite the attention "Do la folie etc." 41, 665, says that dipsomania some inces until Esquirol family cured han. The same distinguished years of age who became gloomy and disquieted respecting tion and description of the disease of inchriety, by these the female constitution. He has met with many examples of the important changes which, at that period, take place in Ware, apolice selebrated authority on mental diseases, in months, the perfect analogue of other periodical resentities toms made their appearance annually and continued two drinks, together with sleeplessness, agatation, and pervarsion This was during the winter. At the approach of spring the

together with the authoritative utterances of such men as able ignorance of the mental operations of those afflicted our late Dr. Ray; Sir Thomas Watson, J. Milner Fothergill celebrated men of profound study and extensive observation act, committed in a state of drunkenness which originates in a view of committing the crime." In the Prussian Laudrecht, of exculpation from responsibility, when not produced with code of 1803, section 2, lib. c, Inebriety "is made a ground unsoundness of mind, in the legal sense. In the Austrian manage his own affairs, and this certainly should constitute of reason, coupled with an incompetency of the person to constant or a periodical morbid condition of intellect or loss with the disease of inebriety. There is certainly, either a that even in the nineteenth century there is a most deplorexistence of such a disease. It is greatly to be regretted me, the height of ignorance and presumption to question the as a distinct form of mental disorder, it betrays, it seems to timent and legislation, and all of whom recognize dipsomania have all been trying to bring about a cooperative public sen Audige, of Paris; and Dr. Krafft-Ebing in Germany, who Anne Hospital, Paris, and Dr. Dujardin-Baumetz, and nus Huss of Sweden; Dr. M. Magnan, physician to St David Brodie of Edinburgh; of Dr. Hagstrom, and Dr. Mag-Dr. David Skae of the Royal Edinburgh Asylum, and Dr. Peddie, Dr. Francis E. Anstie, the late Dr. Forbes Winslow Dr. B. W. Richardson, Dr. J. Crichton Browne, Dr. Alex standing," which includes inebriety, is mentioned as one of p. 11, title 20, section 22, "it is intimated, that a criminal Dr. A. Mitchell, and Dr. Norman Kerr of England; the late a crime, in a state of inculpable drunkenness of the highest project of 1829," says Ray, "declares that one who commits Art, 121, "inculpable disorder of the senses, or of the underfault, is punishable for the fault only." In the Bavarian code degree, is punishable in the same manner, as if he were under the grounds that exempt from responsibility. "The Zurich does not absolve from the ordinary punishment of crime in the present penal code of France, inchriety

> as they practically decide that inebriety, being a voluntary Their code is, like our own, way deficient on this subject, Plea for a Medical Jurisprudence of Inchricty.

and reprehensible state, can never constitute a legal or moral

excuse.

wrong, and the fact that this test is about a century behind versant with the insane mind, that three fourths of all the "guilty," notwithstanding the fact known to every man conthey conclude that he is, they will return a verdict of crime when such overt acts are committed. To constitute lant cease to confound the unconsciousness of right and unacquainted with the phenomena of insanity or of the actual of disease usually inspires, by those who are evidently utterly the code of New York with the confidence which ignorance the times as regards our present knowledge of mental disease. insane are perfectly able to distinguish between eight and is capable of distinguishing between right and wrong. If the jury for their determination, will be whether the prisoner mit crime; the dipsomaniae acts in obedience to a ess a and automatically oftentines, leads to the commission of properly speaking, an involuntary act that unintentionally called a voluntary act at all. It is done in obedience to the and in that form of it (dipsemania) which is periodical, we ordinary consequences of crime. wrong with the powerlessness, through cerebral defect or operations of the insane mind. When will the law of the This absurd legal test of responsibility was introduced into be admitted as a form of insanity, the points submitted to that even if dipsomanta, or the whole disease of inchriety, We wish to point out that by the present code of this State. The dipsomaniae never willfully deprives hinself of reason tague derived from a brain condition that he cannot resist. crime, there must be moral liberty and an intention to comblind, irrevistible crawing for the alcoholic stimulus. It is, desire to impress the fact that the act of drinking cannot be the result of the morbid notions in the mind that spring disease, to do right? The insane and many inebriates act as In England inchriety does not afford any relief from the In the disease of incbricty,

TNEBRIISM FROM A DITYSICAL OR EXPERI-MENTAL-PHILOSOPHICAL STANDPOINT.

BY DE BUNKY HOWARD, MONTREAL, CANADA,

Gaverpinear Visions, physician to the handle psyling, Longae Point, near Montreal formerly method superintendent of the Provincial Luanite Associates Exchanged to the Mantrey Modicy-Crengical Statisty bondenty members of the American Association for the Cupe of Judebilares, member of the successival Medical Judisprodence and State Medicine, author of the Philosophysia Disputit Adence and Responsibility of Sec.

That society is fully alive to the great social evil of incortion is evident from the fact, that every day we have the questions brought before our notice in one form or another.

hold, male and lemale temperance lecturers, lady preachers and salvation armies; and in them we have the strong arm of overcome their love of alcohol, voluntarily contine themselves have controlled his intemperate desires." It is equally usehalfe did not respond to the grace of Good if the did, he could abundance, Lecause of the picaris used to obtain that that can eremains under the tabe impression that every man, it he thy as it has ever done; and will continue so long as society incompacent they were for the work they had undertaken is, enriching the few by monopoly) and all have shown now crish out intemperance, by means of problinary laws (that the law, and all the forces, of the legislature; all have united to by means of temperance societies, reciotal societies, bainds of less to point out the fact that men, in proof of their desire to are very frequently inebriates. The ready answer is theirs have the right to expect the grace of God in the groutest man can do all things by the grace of G. d." It is uscless to would could be temperate. We have always in every case Intemperance has not diminished; A exists just as much to the organization ad ignoralization, that admits of no reply " a point our to these religious teachers, that those in whom we Religion in all its varied aspects, working with all its might

the climax: there is no use to attempt to argue further. ganization. The reply he gets: "It is the Devil." incircism is due to some abnormal state of the physical orduries. We receive the same answer: "He did not, in time, years, and during that time are most devout in their religious in lumatic asylums, and in inebriate asylums, for months and respond to the grace of God." The physical scientist says This caps

morality and social order, for which it has proved itself en meedum aid ignorantiam, and is the result of a false philosotirely unfit. properly so, but unfortunately it has been made the basis of the basis of all religious thought and teaching, and very phy, the dogmatic a prairi or speculative, which is not only Now all this degmatism is just so much proof of the argu-

science or natural experimental philosophy; a philosophy, as feet for thousands upon thousands of years. those philosophers who have kept humanity quarreling at then most strongly by all the teachers of dogmatic philosophy, in the natural order, we can only do so through physical can attain that end; but it does not lead us to truth in the that dogmatic philosophy is the only philosophy by which we yet, but little recognized by the human race, and opposed natural order,-very far from it. If we would attain to truth To arrive at truth in the supernatural order, no doubt but

of our anger, the people must learn that all the universe is ophy upon which to base social order and morality, and I fear physiological, the psychosis will be sane, or there will be an of experimental philosophy. Before we can convince society the phenomena of matter; if the matter is normal, that is dependent the preciliarity of the phenomena. in degree, and that all matter is indestructible, that all matter matter and its phenomena, that matter is one only differing that the incbriate is a diseased man, deserving of our pity, not but slow progress till the people are educated from the basis that we who are laboring in the cause of the cure of the inehas its special physiology, and that upon that physiology is briate, and the improvement in our social order, will make Yet natural or experimental philosophy is the true philos Thus mind is

> actions; whether it be nebrism, theth or any other immoral will be similar, leading to abnormal actions to inimoral either teratological or pathological then mental phenomena synomymous terms, a temperate man is temperate or in other governed by intelligence, for morality and intelligence are physical intellectual organization; and if mental matter be words a moral man is moral because of the physiology of his will govern actions, and the actions will be moral because equilibrium between the nerve centers, so that intelligence

action of theirs, not tinkering of acts of Parhament, will ever lators who talk about prohibitory laws know well that no ment never have not never will make society moral, and legisthe sale of alcohol because of inchaism. Acts of parlia even than inebriety, bad as it is, as to make a law probibiting other, because of an immorality which is a greater social evil due to some physical defect of our organizations, and it would cal intellectual organization, just as any other disease is aurest incornsm. just be as logical to prohibit the sexes from speaking to each that incbriism is due to some abnormal state of man's physi-It is thus and thus only that we can learn and understand

intellectual organization makes bim and that a moral social the philosophical truth that every man is what his physical We then who from experience believe in the medical equilibrium of man's physical forces. antagonism very frequently terminates in destroying the order is dependent upon the proper cultivation of men's question; we must see that it logically leads us to recognize tagonistic to nature's forces, that come from without which physical intellectual organizations, and in this physical cultreatment of the inebriate, must take a broad wiew of the by his physical forces, and how these forces are so often anture we must never lose sight of the facts, that man is formed

matic to experimental philosophy. order, to have the basis of our education changed from doginebriate, to do our best, for the sake of morality and social Our duty therefore is, while not neglecting the cure of the

T. D. CROTHERS, M.D., HARTFORD, CONN.

social interests involved make it advisable to omit manies legal interest. The case is not settled, and the many perand I am convinced that they open up a field of great medico-The following facts were submitted to me for an opinion-

railroad accident, and from that time a marked change of vious good character, who had served with honor in the late his most intimate friends. was either excessively bilations and happy, or intensely, ate for the past six years, and during the paroxysm of drink disposition was apparent. He had been a periodical incluiapparent eneiness and premeditation manifested. No motive his general character and habits, both during the drink moroscene libritable. Many other changes were noticed in the deepest pentience. The trial was protracted to twenty crime: was in tears most of his waking hours, and showed manifested great sorrew, and seemed heart-broken at the was that of a low criminal. Then, as the trial came on, he could be found, and his conduct for a long time after affect during the paroxysm of drink, and was prominent for the period and when free from it. The murder was committed he hume, when the counsel for the defense found the followone days, and the jury was out fifty-two hours, finally agreeing on a verdict of guilty. The prisoner was sentenced to John Time was placed on trial for the murder of one of Pive years after his army service he was injured in a The prisoner was a man of pre-

cai instrinct for many years, drinking at home in secret ing assory of two of the justices: A. F., a merchant of good reputation, had been a periodi-

Questions of the Competency of Inebriate Jurors. 79

These periods came on suddenly, and were noted for continnous stupor and a general demented condition. During the dull and heavy in the Jury box, and talked very little with and he must have some brand) or he would go crazy." The trial he wrote to his physician that his "old shell had come on, other jarors. During the time of consultation he was gensupply him freely with spirits at night. Toom this time he physician arranged with the officer in charge of the jury to under the influence of spirits, but, except at bedlime, was hanging. 'He was recognized by the other jurous to be erally stupid, and expressed himself lacomically in lavor of through the day in moderate quantities. He appeared very drank to stupor before going to bed, and was given brandy not thought to be draink of anconscious. At the close of of getting spirits and not being nonced by others. The inquito drink, and all his thoughts were centered on the object he could not recall any part of the evidence on the trial four days, then recovered. He stated to his physician that the frial he drank continuously to great excess at home for ries he made about certain parts of the trial confirmed his beyond a certain point. That he was filled with the desire statements of no memory of those events.

supper, until next morning, was generally a blank, and totally eclipsed at night, after tinct of the evidence of the morning, but in the afternoon it The physician found that his memory was halfway dis-

home, occasionally moderately for many years, and to excess, at night and The second juios, B. B., was a farmer who hid drank

several of whom drank once or twice per day with him, and and one at bedfime. He frequently treated his fellow jurors. day, which was given him during the remainder of the trial. by the officer. He ordered three quart bottles of whisky a trial he complained of great weakness, and was given spirits considered much one of health. On the fourteenth day of the He drank one before noon, and another during the afternoon, He was a sensitive nervous man, who was dyspertic and

tion he was either stupid or bilarious, and did not discuss the was guilty and must hang for it." During the final consultasoon after he began to use spirits freely, "that the prisoner it. Like the former juror, he pronounced early in the case, know what had been said the day before, undrasked them about that would last until next morning, and require muck effort little of the testimony of the trial. merits of the case except to say that the prisoner must hang for a few days, and complained that he could remember but This hilarity would merge into heavy staper after supper, At the close of the trial he was also sick at home He complained to other juriors that he did not

night after the day's work was over. to excess, but did not think they were intoxicated until at The other jurors recognized that both of these men drank

misconduct, and incompetency of those jurors. defense claimed a new trial on the ground of intoxication, These were the general facts, and the counsel for the

and interences from them. any 61.3 to discriminate facts, and the proper conclusions that the use of alcohol in excess destroyed the capacity of the decisions of courts in many cases, and then the following: In support of this claim he cited the law as laid down by That all scientific evidence sustained the conclusion

or more, in twenty-four hours, must of necessity be an excess. by scupor or great emotional changes, termed intoxication. 3d. That this excess would not of necessity be marked 2d. That any form of spirits taken in quantities of a quart

alcohol would disturb the normal reason and judgment, and tion of truth, no matter what the evidence might be make the person more or less incompetent to realize the rela-That both theoretically and practically the use of

the person was unable to perform duties requiring memory That periodical inebriety was an insanity in which

Questions of the Competency of Inchriate Furors. 81

and enjoyment of spirits. one dominant thought and impulse, and that was the procuring judgment, and mental concentration; the mind having only

relation to the case under consideration. control his mental operations, and, as a juror, was incompetent to realize any facts of evidence, or to appreciate their That a person in these paroxysms was powerless to

prisoner. and were unfit to decide upon the guilt or innocence of the was drinking continually to excess for the last week of the trial. That both were more of less oblivious to the testimony fering from a paroxysm of periodical drinking, and the other 7th From evidence it was clear that one juror was suf

day, and were fully intoxicated at night after the trial. that they could not and did not remember any of the drank from one to three quarts of brandy or whisky each at the close of the testimony for the prosecution. Both restimony in defense. Both commenced to drink to excess course of conduct during and atter, the inference was clear 8th From facts based in part on their statements and

issue, or make comparison of facts. cally demented, and could not be trusted to determine any 9th. These men were, therefore, incompetent and practi-

in the jury room, then answered: cited decisions of court to show the law concerning spirits This the prosecution answered by a general denial, and

oretical inference, and not an established fact in science. were always incompetent to reason correctly was only a thevariation in each case. which would be an excess in all cases, because of the great That no rule could be laid down as to the quantity of spirits 1st. The statement that persons who drank to excess

of stupor, intoxication, and such other changes that would be positive, and beyond all dispute. That such excesses must be marked by symptoms

tal failure of periodical inebriates unless they were intoxi-3d. That so far no evidence was in print to show the men-

83

and were not unusual in the jury-room of tedious, protracted spirits were simply medicines which took the place of food, daily while the case lasted. That under these circumstances tomed to use spirits, was allowed to procure a regular supply of the physician; the other, being a weak man, and accusthat two jurors became ill, and one was given spirits by order 4th. The facts, as they understood them, simply showed

a certain point rested on vague statements, and could not be eral oblivion in the court-room to the facts of the case beyond sustained by any evidence or course of conduct that had been observed. 51h. That all evidence of their want of memory and gen-

this jury, were in any way incompetent to perform their duties, with fair judgment and common sense. sustained the inference that these two jurors, or others on ground that neither scientific conclusions nor actual facts prosecution opposed the application for a new trial, on the been intoxicated, or by acts or words appeared different from others. That nearly all of the jurors had used spirits with had drank during the latter half of the trial, but had not benefit, as far as the officers could determine. Hence the 6th. The officers in charge acknowledged that both jurors

Governor commuted the sentence to State prison for life. The Judge decided against the motion, but fortunately the

the laws which control it. from a scientific point, and show its nature and character, and injustice, until medical men take up the study of inebriety law and its workings will always be confused and followed by can settle, by an appeal to facts accurately observed. The .This case involves many questions which only physicians

Hygienic Treatment of Inebriates.

HYGIENIC TREATMENT OF INEBRIATES.

BY JAMES C. JACKSON, M.D., PRESIDENT OF DANSVILLE HILL-SIDE SANITARIAN, N. Y.

not necessarily were these alcoholic or fluid in their nature. conception the father and mother were habituated either in ten drunkards. These are peculiar. At the time of their dency to drunkenness. Let me call attention first to begottraining and education; the other class is born with a tensystem, exciting the heart to undue action, and through it elements properties that when taken into the human stomach Stimulants are substances which contain in their constituent their foods or drinks to the use of some form of stimulants; United States-one class are drunkards because of their habitual, and under it no person can go into the procreative organs. This condition, continued long enough, becomes affected takes on an unnatural condition of the vital organs, the whole circulatory system, insomuch that the person thus by eating or drinking have a specific effect on the nervous predisposition to the use of stimulants. diathesis or habit of body, or, in other words, a tendency or act without carrying over to the offspring a constitutional by which he is subjected to extraordinary activity of such There are two classes of drunkards to be found in the

best advantage, and there will be failure in their action unless in order that the vital organs may perform their work to the good health and continued life. would almost surely discern the need of extrinsic aid being dren of our country, he will die unless help is given him feeble; but, if his habits are such as are common to the chilthis need be supplied. The child may linger along, being functions with sufficient directness and vigor to result in furnished, in order that the vital organs might perform their through stimulation. The child thus made up has in him a need for stimulation A physician, if called to such a child,

lating to all as by the drinking of stimulating drinks center of their bodies, just as surely by the eating of stimulation to that degree that a clamor for it is set up in the very children in whom shall inhere a tendency to demand stimuand constantly kept up. A married pair cue give birth to whole system is extraordinarily excited. It answers affevil about the particular substances a person uses whereby his great organic processes knows nothing of nor cares anything constantly introduced into their circulation. Nature in her purpose that this excitement of the newgys system is created that through God eaten or medicines taken, strandants are parents shall be drinkers of alcoholic liquors. It is enough crasy as to call for and require stimulants, that either of the in order that a child's organization shall have such idiosynbeget and give birth to children. It is not at all necessary from becoming a drunkard? That is a problem which sons permit themselves, while under babitual stimulation, to unable to solve hitherto, and will be unable so long as perscience and morality, separate and together, have been Under such circumstances, how is a person to be kept

Of begotten drunkards the numbers in this country are larger by far than are the numbers of trained aidd educated drunkards. There are but very few children now-a-days who have not in them a natural desire for stimulants. Denied these in every form, they put forth but feeble growth, and in many ways show inefficiency in the performance of those bodily functions which must be fully and fairly exercised in order to the production of good health.

Here, then, is an evil of great magnitude which is not touched at all by any temperance movement yet inaugurated, and herein lies the secret of the imperfect success of all such movements. Little or nothing is gained as respects the arrest and overthrow of intemperance while the children who come into the world have not only a natural liking for liquor, but have also what may be called a natural need for it. Every generation repeats the story of its predecessor. As the child grows up his liking for stimulants takes on the form of a need for them. When puberty is reached, the boy,

system as would be produced by drinking alcoholic beverages is called upon to show large, well-directed, and successful a defect in him not to be overcome by force of will when he be in good muscle and so of good size of body, but there is need for alcoholic sumulatits as truly as the child born of disuse of antoxicating liquors, may have a natural desire or that will produce quite as deleterious effects on the nervous other stimulants, may use them to a degree and in a measure caring dronks as though they indulged habitually in them. if his father and mother are total abstanters from all intoxichergy alone can be developed, and it be cannot have aid he energy. He lacks just at this point the agency by which parents whose nervous systems have been habitually excited Total abstainers from these drunks who do not abstain from drinking; and this clamor is just as likely to be manifested to annervate him and make him feel strong, that sets him to farity is concerned, does not meet his necessities. He may to the simple nutrient wants of his system, so far as muscudecidedly than at any previous period, finds that to answer whose activaties are then drawn upon more largely and by alcohol fails. It is this cry in his body for stimulation, for something So the child from of parents who are pledged to the entire

The object then to be sought must be, not the exchange of stimulants, but the abandonment of them altogether. Then children will be brought to birth with no tendency in them to the use of stimulants, and then they can be trained up and rearied along a line of sobriety and abstinence from all stimulants, which will make it quite out of the question that they should even use intoxicants in any form.

There is a process by which a child with an inborn need for stimulants in order to make his organs perform their natural functions, can be reconstitutionalized. That process involves freedom from taxation of the nervous system for years after his birth. The child has to be cared for and looked after like a young animal. The developments that need to be made in him are such as affect the nutritive nervous system. He should be kept free from all cerebral

excitement. He needs to be cared for by judicious and wise nurses. He cannot be permitted to cat or drink, nor do or be, as children usually are.

structive processes, so well begun, will proceed to completebe kept free from all unnecessary excitement of brain and come greatly changed, and from that point on the reconbe handled with close watchfulness i that is accomplished, attention must be given to him, or with organization where he will no longer need stimulation. Till ness. He will ultimately reach a condition of his nervous years of his life, his relations to vital development will beunder a bodily habitude of subjection to stimulation. as this and not have children begotten when the parents are this [Hillside to the satisfaction and joy of a great many parcan be instituted and made effectual. This I have proved on but where such dependency exists, reconstructive measures be made up in a state of dependency upon factitious aids, fade away and die. It is most unfortunate that a child should no stimulants administered in his food or drink he will ents. The better way, however, is to forestall such an issue If he were thus related to life he would die; but if he can he first three or four

For a long time I have been convinced that the present temperance reformation is radically inefficient. The unphilosophical aspect of it will have to give way before a broader and more effective effort or we shall have to keep it up forever, having in each succeeding generation as many or more persons becoming drunkards as in generations preceding.

The second class of drunkards—those who are made so by education and training—are persons not born with a constitution in necessity for the use of stimulants. As children stitutional necessity for the use of stimulants. As children stievy do not in our country constitute a very large class. They never need be drunkards. The temptation to drink is not in their bodily constitution. It has in society in some or other of its forms of association. Thrown into good and upright relations from childhood, they will not become drunkards. They will not even drink liquors moderately. As they develop into intelligence and moral sense they will see that the use of stimulants for purposes of exhilaration, or of

innervation of the nervous system, is not good for them. They will be ready to join the total abstinence ranks, and when they have joined them, they will stand true.

sobriety is as difficult as though they belonged to the first are habitually inebriated, their restoration to permanent coffee, and many of them have opportunity at the home table awhile coming to have a longing for stimulation. Young perdrink such beverages as are there eaily imbibed, without after coffee, until they have created in them an abnormal desire for class a certain proportion become drunkards, and once they on from bad to worse and from worse to worst. Out of this to includge in the milder forms of alcoholic drinks. So they go sons come to have a want for something stronger than tea or of flesh meats, cooked as meats are in most families, and things that are exciting. No person can habitually eat largely mating foods and drink stimulo-parcotic drinks, like tea anassociation and proper surroundings. They cat highly stimcome drunkards. These lack the early training and right But out of this class there is a certain number who do be

Their cure does not lie with certainty in any movement which simply makes its appeal to the moral sense. A drunk-ard may be said to have no moral sense. He has a physical sense and he has a social sense. His physical sense tends directly to keep him a drunkard. His social sense may work for his recovery. He may be so situated that social influences shall operate to induce him to sign a pledge that he will not drink any more, and here and there may be found one out of a great many who will keep such a pledge, not by reason of any inherent strength which he himself has whereby to keep it, but by reason of the ourside influences which affect him and the watch-care which is had over him.

If thinking men and women will take pains to investigate this matter as thoroughly as I have done, they will see that a very large preportion of the whole number of drunkards in this country is made out of the class which is born with a liking for, with a tendency to, and with a need of the use of stimulants.

YOU VILLE

HINTS ON THE PROGRESS AND TREATMENT OF INFIGURETY.

HAT IN BOTH THAT THE THE ATTEMPT AND THE PERM TANDER AND THE PERM TANDER AND THE STAMAN'S REPLEATE ON STATEA STAMA, MEMBER OF THE STAMAN'S REPLEATE ASSOCIATION, STATEA ASSOCIATION, STATEA

Not only have greatly has psychology progressed in this century. Not only have greatly to move all disease been assigned a place and a strict the most respected of seignificance, and their hospitals are no longer called asylums, or regarded as pussons but the todish sugma that the public previously attached to meanity has in so great a degree abated that we naturally passe to reflect. What then has, brought this change? Such we all believe the various forms of distuirly are about me same to-day as a sourc of years ago, and that under the same treatment the same large similar of sures could then have been effected as we may now see recorded the significance of the superintendent of any one of our modern hospitals.

The advancement made by the passibility would not have been so a rand and aniversal had it not been for the power of popular opinion. And why? Formerly when an individual was arracked by mental disease he did not seek propial treatment until his infirmity had become confirmed front indeed incurable; wiceses row, the mportance of early treatment is as fully recognized as that of surgical cases and the friends of the adhleted opening longer projudeed against hospital treatment, basten to available the hospitals; is not yet too late; and as a consequence the hospitals; is not yet too late; and as a consequence the hospitals; is not yet too late; and as a consequence the hospitals; is not yet too late; and as a consequence the hospitals; is not yet too late; and as a consequence the hospitals.

Hints on the Progress and Treatment of Inchiatry 89

in former times would have gone on for the death of the hope less in insure. Man we not hope that an eliment may yet yield to this almost overwhelming progress of psychology?

We have seen what has buch done for the disable. Let us

do the same for the inclinate

known sauses, but rather to erect one or two lengthmarks at or couse, it we would successfully attempt as cure or endirwhet while the spine —as eige-howing templane—is indic together with a simple note of the meatment adopted an points where I have known an observe eause to exist callon. It is not not purpose to resign of symmetries well as we would with any other disease, combat with its source turbed and likewise in the remainant of medifers we must cuss. I believe their is a cause for all existing things and renewed labor, neither should we yield to discouragement if the result come us. In vain might we accomplish sends of absorbing conditions. What then is the cause of methods . For it is our first efforts and experiments are unrewateled with the hope we must combat the manster who will will remise aren the work should not easier nor undeence the except to The frowns and ride ale of those who have no confidence

In the reported educes of instant, we find highred mast prominent. But an important point to which I would call your alternates that whose instants and instancy coexist the laternates as that whose instants and instancy coexist the laternates are always the cause of the former. Such would be the populate opinion. I may say this fachionable in such eases to take it as a more terror course, and without making the same has sugation into she real cause as would have been done and instruction more fach, and resulting the admits are double throughout the observance of which may resulting only in decempining the actual cause of the paramety between the coexisting intertricts used.

Hadeed where the diseases has both preent the medition of the p evicas mental disease. That had not the

All aschun physicians must be familiar with parallel cases respecting other forms of a hat we may here call moral meanity. If a patient brought to an asylum has been detected in the secret vice, down that goes as the case of his mental alienation; and while I doubt not such diagnosis may sometimes be correct, I will say that in all my hospital experience I have seen as ration of such vice resulting from insumity as vice versa.

then in lospital practice, however, was that the most of our patients were meanwholy, and that most of dusc who were meanwholy, and that most of dusc who were meanwholy, and that most to dusc who were meanwholy had dispepsin. It occurred to me at our order to be the savereign remedy for this great part of our indicate and accordingly began its use. This was some reassact, before we had the fine and reliable preparations of pure and saccourated posin, but we had the beautiful small; and whes. We tried them facilities but wanty, and mall; concluded there was nothing in pepsin.

Some months later, however, I determined to make another trial but resolved first to be sure of the guidity of the person, and induced a years: chemical to attempt us production from the storach of a recently-lefted large which resulted however, and in his own dispute.

I then went to rise butcher's myself and saw them with healthy hag the standach of which I correct home and when I had lague paramacantical experiments on the remouting yet remined much of its natural weighth.

The process was teditors, but the result come by substance tory, both pharmaceutically and then particulty. And from

Hints on the Progress and Treatment of Inchricty. S

TO THE REPORT OF THE PARTY.

that day to this I have had the greatest fitth in pepsin. We then tested our former preparations of wine and clixir of pepsin, and found that they contained no pepsin, while further investigation established the fact that alcohol and wine were incompatible with appoin, and destroyed its powers of digestions

so frequently attendant upon meinsety and melancholia, we important branch of society that I wish in conclusion to quining of meanmable value, especially in the work of supclass of persons in whose treatment. I have found pense ease of moladeboly-and continued inchinely namely the as Furro (unwine. In this article we have been the impor-Pennsylvania Chemical Manniacuming Company, and Known distribly, and in semelling for a trune, thatestoom nothing do so in the hubban stomach. In addition to the dyspupsion unificite your biost carriest sympathy and protection. pressing mediachy and it is in the interest of this large and sin the best known temedy for dispepsia. There is another quintile, an active, and permanent simulant, and in the neb-1411.J hore, as a patherly consequence, imperfect merition and cty. If alcohol destroys pepsin anothe chamist's jan it will better than dumme, except the one preparation hade by The Here, then, is one point gained matter treatment of metric units indicated by the symptoms of almost every

If release to those, the most worthy and industrious of business men, whose natural strength of body is an equal to what is required of it—that is to say, insufficient to enable them to perform all the labor that their ambition tempts them to undertake.

How often do we see an active bismess man just begin ming to collect a fortune, become so interested and absorbed in that one object that he forgets or at least neglects, every other thing, including his health and even his regular meals. Going to his counting-house early in the morning, he canains the whole day under examistive montal strain per haps without lood, or at best with a trilling linach, intending to billow as accustomed and permissions habitul "dining in the evening".

Alecholic Insanity.

2038 Kace street, Paliadelphia, Oct. 22, 1883;

During the past ten years paralysis among inclurates has been more frequently observed, and it seems to me well to mention briefly this peculiar, and generally fatal disease, because this seems to be the exciting cause which requires our special attention and I refer to it because it has been generally overlooked. Alcoholic drinks tend to the production of fibrous or fatty degeneration of the various tissues of the body, and thus, as a consequence, the membranes of the brain and spina, cord-become thickened, and the organs within wasted. This, of course, would give rise to what might be called a general paralysis of the body and mind. But, besides these general results, we often meet with more direct effects on the spinal chord, and to this I particularly refer.—Dr. Day.

The medical profession are slowly coming out of the superscitions of the past and accepting no remedy on its past reputation alone, but demanding the evidence and proof of its value.

ALCOHOLIC INSANITY

IN LEWIS D. MASON, M.D., CONSULPING PRINSICIAN TO THE SMEDIMENTE ASYLONG FORT JOANILTON, L. E.

[Transcort to the Now of the property of

Dr. L. C. Grey imforms me that he has found that in the earlier stages of alcoholic paresis the ideas of granteur, etc. are more logical, the patient giving a reason for his granted ideas, whereas in idiopathic paresis the patient is stupid, duil, and illogical when questioned as to his dehisions.

Alcoholism may be associated with insanity figur other causes, as syphilis or blows on the head. In the report of cases adready alluded to one case in four has hid syphilis and one case in six had received some form of head input. In such cases, it will be our duty to determine whether the relation of the alcoholism to the insanity is causative or simply contributive. It is enough for us to know that alcoholism for interaction is not untrequently the first or initial symptum of an insanity not directly due to alcohol, and thus establish our treatment and qualify our progness; in a proper way.

In the consideration of the various types of alcoholic mania it will be necessary to allude at least to dipromania or outcomania. Magnum refers to that "a peculiar form of instructive monoration." It is an investible impulse that drives a person to alcoholic intextiction at stated or irregular persons. The attack is precided by a condition of melancholic anorexia, insomitia, and general resplessness. After the debauch, or during it, the special effects of the alcohol on the mental and physical condition become manifest—tremor, hallucinations, sleeplessness, coated tengue, loss of appetite, and other symptoms of gastine derangement. The "trresistible impulse" is the characteristic leature of this

the province of this paper will not permit me to touch. and the views of various writers as to its pathological origin special form of menomenta. The genesis of that impulse,

delusions are simply the result of the alcoholic poisoning The point to be made here is, that the hallucinations and

resulting from his alcoholic excesses, relieves him from his until death, either by some intercurrent disease, or disease The person again and again yields to the insane impulse.

abuse of alcoholic liggors." who have persisted for a considerable length of time in the detected during life or discovered after death by ocular inspection; such symptoms, moreover, affecting individuals peripheric partiess of the nervous system, which may be with any of these torganic) modifications of the contral or chronic form, and without their being immediately coinsected functions of the nervous system, these symptoms assuming a of a disordered condition of the mental, motor, and sensory name classic akedelam applies to the collective symptoms lead tobacco, etc. It is thus defined by Magnus Huss: "The condition analogous to poisoning by other substances, as Chronic alcoholism or chronic alcoholic intoxication is a

cution, pricking or stinging sensations gan usthesia," especially of lower extremities; delusions may exist, but they are death by suffication. Trypermesthesia of integument, formifollowed, and trackcotomy has been performed to prevent coma, paralysis of the glottis, with complete collapse, has tion, due to a spasm of glocus; in cases of profound alcoholic the tengue; attacks of dyspinea, sense of choking or sufficeaespecially in the lower extremities; tremor being marked in ache, transitus autium; hallucinations, especially of viston, museae velicuntes; muscular weakness and trembling, teebler than in delirium tremens, and there is this marked These symptoms are insomnia, attacks of goddiness, head-

illusions, and admits them, and is not prejudiced by them. feature, the patient is conscious of his hallucinations and

alcohol is a factor. Having a knowledge of the various conditions symptoms of chaonic alcoholism, we can readily distinguish them, and treat them independently of the co-existing mental nection, because all the effects of chronic poisoning by alcoforms of mental deterioration, in the production of which hol may co-exist, in whole or in part, with all the various It is in percant to speak of chronic alcoholism in this con-

reletence to the prognosis and treatment will be confined to causalive or contributive relation. Our future remarks on insanily with which alcoholism is associated either in a chronic alcoholic magia. We have thus reviewed the more prominent types of

possible restoration, or not, of the putient to medial as well as physical health, and the probability of acceptage The prognosis includes the diffusion of the attack, the

conditions the insanity may confinue indefinitely. dency to chiodicity is very marked and under unfavorable 1 bolieve has no special period of self-finitition. The test claused before recovery took place. This form of meaning, several months, and Blandford reports a case where two years treatment, an attack may be indefinitely probaged and eventually lapse into incurable insanity. The penod, even that under improper treatment and for the want of proper under lavorable conditions will cary from a few weeks to medicinal conditions to which we simjest the patient. The lieve The duration will defiend appearing the dieteric free ence and

surprising and satisfactory how often, in a comparatively physical health under proper treatment short time the patient may recover his mental as well as if it is not ante-dated by many similar attacks, and it is very from his present attack is, as a rule, la wrable thore especially The prognosis as to the final recovery of the patient

attacks on periods of insanity, and aspecially it there is evi-On the other hand, it there is a history of many similar

[&]quot;Citemic Mashelle Interaction (Marcell).

Circuic Alegacie Interiorica. Medico Colourgical Transactions, 1837. Geo. Sampson, Esq. - Marcel

[&]quot;Alcoholic Anardicsis," with cases. — Mason, 1881.

progress becomes executingly graves and should allegate in senile dementia." in mental symptoms a person who is in the last stages of mental determention is so great that being sombles not a little form of incarable marrier in which, as Mandsley says, "the survive his present actuels be will productly distribute thee dence of serious organic charges of the negotions system she

approaching that are valuable and incurable condition, complete twenty-cited days. the shortest to sixty one days, the downest varying from twenty-two days, the sportest to several months. was a sousdroke this attacks of difficulty cance attended for attacks of alcoholic marita. The cause of his dipsomana ascium some tecenoritye or thirty times, at various penods under of evention her the last thences westerduning which mentales form of dementions rightly finite. I now have a case elcoholic manus may breede that which terminates in the arracks or acuse algoritic delicions. The many periods of without preceding flaces, exclement, or sleeplessness; or condition in alkabolics may be descloped quite suddenly. alcoholic demetria, indeed according to the partnersees, this attacks, and also with every telepse are slowly but surely dealing with passons whose voltron is weakened by previous from alcohol, the sentiency to religisc is very greater we are future cannot be two cable. When once insanity has resulted for a recovery in the earlier attacks our progness for the relapsed so that while we may encourage the breaks to took include the possibility not only. But the great probability of a alcoholic farma, always more or less chrome, varying from the language allows after ks of dissumanta were fullnwed by time the patient has been either in the medicale of the inside May, 1885, and has not had a relapse for several months. reciod at duration. He is doing well at the present time, However favorable per prognosis, may be at should always

what his relation to social and commercial careles should be recovery from his present condition of not nonastopurforecast of his butterstate. But our proguests will not end with our opinion as to the His Biends will desire to know

relieves then from their hapless condition, or they become thrier the constant explanate of friends. But eyen such a case would be an exception to the subsection majority the b th to the pathean and those about him. Ithink the view ernded for upon-our opinion that rest enest amportant results If he recovers from his present condition, and we should be of their hoes in an asylum. mental ansiety and a sense of responsibility they cannot feel of all who have ever had such eases to deal wath is not to ranked among the chronic insanc, and are immired recest equal terrinda a reliasse. Therefore, should such cases be more acted socions would be and to piecipitate them, through and until a long proparationally period has passed specialise the hige majoruv of these objes continue to religise, antil death die it should be only in a scentially marrian more or less ever restored such could be again entercommercial or sectal place them in any position of responsibility or trust at least

incitionals trajeure and hygren to measures, and heally time or realment treatment and the treatment methodise proper restraint ing the more through hims tracke itself into place of The existences of all disable insamily (we are now consider

period of committal on the ground of temperation periodical drunkenness and thus held amondefinite length of time until proper place as regards treatment the difficulty would be all reasonable danger of relapse from too end wells alissable on asylunt he would be recommitted at the end of a regular his mental condition is recovered, whereas, in an inebriate while community the patient as a lunusiding to retain him after most improper place, even under the most two realessurroung. ne briate revolunts as to the former we may exclude that as a the asylum nuglib result, although completely restored as to between the frome of the patient the lungtic asylum or the activantago, the anebriate asylumishas all the deliantages that his avental condition. In addition to use s versanportant As to the first place of treatment, we have to choose

Abstracts and Removes

its tendency to produce vomiting or diarrhoot half, in some stimulating quadries combined with mark at solutive or even hypmetic properties. The quantity as well as the form of the cases, interdict its use. must determine for itself. The bulk of the mide liquor or stimulant used, and whether or not it is to be assylventh, enso their greater had properties, is due to their moderately is required. The value of the malt liquors in addition to Bass's ale, Guinness's stout, or lager-beer when a milder form indicated, the mult fishers are preferable to spirithous liquid. benciaci by the use of stimulants, and adiciospositively mach en each individual case; some ange he cere hand stimulants. Whether or not these shall be jised will depend The method of creatment with methode the like of alcoholish As a rule. I have found that when stiening the

pared bod. assistance in the form of proper medication and properly prehepatic functions are singgish and defective and will require litted very improperly to do their work. The gastric and from mal-nutrition, and that the channels through which we propose to introduce food into the system are oftennines he given recollecting that, as a class these minimum, suffer As regards diet : nourishing, easily assimilated footbrinst

treatment indicated for such conditions, malarial, syphilicie, or tubercular - should receive the special It is accides to add that all co-existing diapheses-

extracts and procures. The otherise is perishable by a fine prohibit the importation of opium except in the form of it is very significant. but as a line to cattle recognition of the dauger from oning of five thousand dollars and imprisonment for a term of five A California member of Congress has introduced a bill to Of course no such measure can be made practical

Whattacks and Themows

THE OPPOSITE OF SECTION STREET

the the transfer grant and some sections are the sections that editor, Dr. C. H. Hughes, The Jonate visitable of the Madaina and American

3 - TEAN

aicohol is olien a substitute ready to do anything to relieve this mornal feeling and ancestral disease. Auben once they have futting effects ha Carr To Fraced back to main and howe perversions, and use cannot be stopped. In other cases its use for Jones. as yet are undenmistrated. Opinio bases, like melanings changes are present which are probably characteristic befinic. Louis unito a need of its analythene dimay. Dievene do not exist in option cases, although alternate nearly in solums, by threeting their mortific endings, worker chains by and final shankage of interstitutions we those in medicals. cass that the changes of armodistropes as the more sec In comparing the craces and action of quantand alcohol the and affording an outlet tor insine and crime founces of the use of opium and atendrol saves many cases from himed o continue of psychopathic tendencies. The times that the titles of opinim or also to be enuse delition. It is to so of desorabe appunctating the remarks that when shall quare After expressing some death, about a be turns used to

for a time skaltethe better terlines. Ottom its victimeste this. Oping painty estime sexual appealed and many of 151 cannot be depended upon. The indeed above my less tens passion except for this drag several line and son process as Cases herer. All who claim to have approved in this way a circle as a contract to a contract to the service service and the contract to the contract t Inchriques may recover by their own religion the princip

GAANGARAKAKAN MOMONIA AMILIKAN GAARAKAN AMILIKAN GAARAKAN MARIMAN MARIMAN GAARAKAN MARIMAN MARIMAN GAARAKAN MARIMAN MA

The state of the s

Abstracts and Recricus,

per. disposition, habits, and character and then that the Trainer state has supervented." disease wrists, and that that affected intellect manner, tem ence of this trained state, and the intesponsibility arising from it. In these cases we must prove that is object as a on the sympathies of the jury but to show them the exist. jury. The recarm these cases, should not be to try to work any revollection of them afterward. There is absolute the to reason clearly. The poison in this france state is not and you ee mether assume his perfect samily more capacity Proper medical sound would enable courts and justes to under cognizant of his acts, multion as there said, logs be retain and purposeless crimes numericalles. His der Lenot a vice stand the month conditions which cause these monthsless of their case by one who has studied these cases in all gently the father against the factors the fall measure of punishing the father stady sponsibility and it should be made clear tolloon court and of action interfered with the president character and the eds are those or to he purson affected on unusual course malities, in 12 and 12 errichers of a same much the they we freath mistaken is not perfectly cook and thee from exemoment that they are that because these armies are committed in a way and many formed has configure manner with no exchement. The is the rule and nor the exception to find abese death per indicased. Persons unacquainted with This state may reason crime in these cases may develop in different ways. There one be suitable or compared triggles, or building may be All Joseph Mileson on surem in the property of the second vers mallerous. He all these cases of elical care as plants Furned, or sexual assaults, easy be made and be apparency ence of the remeasure which it than being encommended Lessons the responsibility of his come. The tripulse to even be should be most surefield even need for the exist.

Abstract and Reviews

restance and with constabilities used in all cases 25 % by Park I wis S. Co. of Depoit, is a valuable

medicings and opium cases. at al Dr. Kriber, his excellent facilities for treating The National at Pattle Cook, Michigan, under the

rigot as a specific in many cases of epium and alcoholic includes, by many physicians in different parts of the the or Same prepare by Keith & Co., of New York, in

alto toors and particularly decay ements coming from excesses cines used in hespitals and asylums, for all forms of digestive of spirits and chann in her case has now a place among the standard medi-

extend to them our best wishes in this great pioneer field incorrate and opinior asylum in the suburbs of Eguisville. We et the coming century. formally of the Leangton asyum, are about to open an Ex-Governor Bla kbarn of Kontucky, and Dr. Bullock

deserve the gratitude of the possible for their gift of a fine uncerturates, during the year. of money given to the hairs of the dead-and the disabled perture of the Partholdi statue, as well as the million and more To Trusteles Insuran e Company of Harlford, Conn.

and thinkers of the day. and thus come in contact with the most advanced thought schelars, and we urge our readers to become subscribers, highest order and value. It is essentially a journal for New York, is a bismantily devoted to original papers of the The Primary Rosses, published at No. 2 Nassau street,

much of husian progress than the daily newspapers, and undie to all professional men, and give clearer pleas of the strugging currents of hamanidy. bring their reasons into closer sempothy with the great Journal or a weekly, both published in New York, are sured The Identical Linguistry a monthly and the Scientific

> that transmit be appreciated by a practical test in all cases of Crestor to Co. Thirling in may have have peculiar value debilitated brain and nerve energy. It may be called a specific in most cases.

man, and no one can hope to decome familiar with the tains many papers of great interest to overy professional Paralar School Monthly of New York current scientific thought of to-day apless he reads the The Popular Science Montally for March and April con

and commend of from the expensers of every days for a long time in inchrict) with the most satisfactory results its value can be itested beyond question. We have used it will pay the expressage of a sample bottle, and in bits way Talloni's Illybublishmin's furnished to any physician who

diready won a place in scientific liferature most enviable. The journal at this society under the care of Mr. Bell-has president. Mr. Pell who has filled this place for many years progress of that society, and reflects great credit on its Medico-Degal Society of New York shows a most grantying The inaugural address of the Fron Clark Bell before the

toxic agent, capable of destroying life and only tolerated b the system when taken in small doses, archange of sentament would soon take place: If the public could realize that alcohol was always a

from the poison of the snake. comes from the overdose of alcohol given as an antidote than valuable in spake-bites is declared by Dr. Hilke in the St consumption would also be reduced. The notion that it is time but would appear later in the progress of the case the action on the organism, which was not perceptible at the Louis Contrary Medicing to be a mustake and more injury If it was understood that even small doses had an injurious

years in England, asserts that over fifty per cent of all insaulty comes from inchrictly Lord Slights bury which pitthe lunacy commission too fifty

Editorial

DEATH FROM THE PUNISHMENT OF INEBRIETY

very pertinently. "Was not this a case of judicial murder i drinking, was punished by receiving twenty-five lashes in Can anything be nearer barbarism, than the torture and in, and he died. The physician, writing me the facts, asks Delaware lately. A week after, crysipolas and gangrene set cated that the punishment was excessive, and the victim was by whipping, for some trivial offense. The testimony indisouth of Cape Verde, was arrested and put on trial for the in England in a noted trial at the beginning of this century, death of the victim, under the plea of forcing him to be temand was given brandy freely after, and his death was due to defense urged that the victim drank before the punishment, gangrene followed, and no stimulants bad any effect. The recovered from the shock of the injury, that erysipelas and an inchriate, and died from gangrene, which came on from murder of a sergeant, whom he had ordered to be punished Col. Wall, the commander of the English garrison at Gore, perate." The same question roused great public interest most advanced views of science to-day would have fully suswould most likely have been indicted for murder, and the Browne's Narratices of State Trials in the Mineteenth Carguilty, and he was hung. this, rather than the injury. The jury found the prischer the wounds. tained such a charge. A chronic inebriate, who had become obnoxious by his If this Delaware judge had lived in that day be The surgeon testified that the prisoner never This was in January, 1802. (See

An inebriate, who had been a man of character and supe-

restraint, and the utmost gentleness to accomplish the purinsane men, where prompt, decisive action, is the only secuperil, inflicts injuries which result fatally, and immediately asylum, in a struggle with a maniac, where his own life is in murdered by the policeman. An attendant in an insane truthfully, that he tried hard to walk in obedience to the followed in a few days. The poor victim explained, most to get him to a station-house, the policeman struck him a state of partial dementia, from intoxication. In the effort delusive stubbornness, is arrested and diagged to court with rity for his life, is allowed an defease; he must be punished him to break down a supposed willful spirit. He was literally orders of the policeman, but could not, and the officer clubbed his arms and back. many times with his club, and severe bruises were found over dies soon after of apoplexy, or is found dead in the morning struck on the head, and over the neck and spinal column, and violence, pounded, and olubbed, as a willful, dangerous man; pidly demented, and whose principal manacal symptom is circumstances of his being alone in a large ward of violently public sympathy is roused, and punishment demanded. No rior intelligence, was found on a doorstep in New York, in him, and the death is put down from natural causes. the inspection of the officer, but they have no meaning to in bed. The bruises inflicted during arrest are apparent to pose. The inebriate on the street, who in most cases is stuas one who has full power and capacity to use the least Soon after gangrene came on, and death

as it would be from the balls of a pistol. The officer can ent brutality of the attendants at insane asylums, are as which the community never recognize. The gre dest apparin every large city in the country, and are really manders without injury to the prisoner; yet such cases are common occur in which he cannot summon aid, and effect the arrest have no defense for his violence. His life is not in pen itively the result of the blows of the officer's club or hand from the victim, or the surroundings; cases seldom or never Literally, murder has been committed, and death is as pos

Editorial

nothing compared with the violence displayed by officers of the law in the arrest of includates.

The proof of this can be found in the statistics of deaths of incleriates at the station-house or jail, soon after admission. Apoplecy, beart disease, pueumonia, are the most common terms, signifying the cause of death. Who will determine how many of these cases are due to direct transmission and violence? It is beyond all doubt that incluriates are more susceptible to injuries which result fatally; that he is suffering from states of degeneration that cannot resist or repair injury to the organism.

In view of these facts, it is only justice to demand humanity to the victim, and protection from violence and death, due every one, and more especially those who are sick and defactive. The legal panishment of inchriates is most disastrons in all its consequences, and no cell of to-day calls louder for referm and charge than this.

A TRANCE CASE IN COURT.

The following case is significant of an advance in the recognition of incericty and its medico-legal relations. An advance demanded by necessity and justice, that will revolutionize the present legal views of this wide-spread mathlet.

A salesman and partner of a large manufacturing house in Connecticut, who had been for years a moderate drinker, and at long interests had drank to excess for a day or more started in his usual health on a husiness trip. Sixteen days later be was found at a hotel in Philadelphia, partially unconscious from spirits. He recovered and came home, but a blank in his memory had occurred of eight days duration. He could remember nothing from a certain point in basion up to recovery in the hotel at Philadelphia. His works showed that up to this time in Boston all his transactions had been of the usual order. But after that date he had sold enormous bills below cost in Albany and New

for the records of them in his own hand writing in his order and wandered why the defendant took such a course of plaintiff realized the unusual gains and advantages he was book it would deny their occurrence were not rememberable by him in any way, that were it not business. The defendant showed that these transactions securing from the purchase of goods and the contracts made hint of other than full possession of all his faculties and cated insane, or unconscious of what he did, and giving no drinking brandy quite freely, but seemed in his war intoxiing caution in the contracts made. They admitted that he was reasons for the sale of his goods at lower prices; and manifest sensible of the nature and character of his zets, giving he showed ordinary business saggetty, and seemed perfectly hilarious, while conducting the details of the contract; that out these contracts, and was defended on the ground of The plaintift proved that the defendant was not simple or intoxication insunity, and unaccountability of the salesman lection. Action was brought to compel the firm to carry astrous contracts, of which he had not the slightest recol-York: also that he had signed the firm's hanc to some dis On cross-examination it was admitted that the

event or memory of it. His family physician testified that for years, and he had repeatedly freated him for insomina sum of money which he had collected, it was ascertained collected quite a large sum of money for the firm, and could tollowed a short period of excess when he was out on the his health was impaired that he had suffered from malaria that he had deposited it in a bank, but could never recall gay time he was unable to explain what had hecome of a large not recall any circumstances, associated with it. At another road, and his friends drequently mentioned little events which transactions which were unusual. These Blanks usually by any conduct that attracted attention on any business having taken place several times before, but were not noted he could never recall. Also, that these blanks of memory were not unusual On a former occasion he had

Editorial

man years are excess of spirits was followed by hiss of from the hardships of prison life during the war, and that for Super and recovery these Canks of memory had appeared followed by a period of sees on in the hour or more. During the last five year's motion, and necesionally blindness or dealness, which would It repeate the motive evidence that his drinking dated

"that whatever this condition of memory might be, claimed business sagacter or consuct. The judge charged the luny by the defendants, it could not lessen the legal responsibility tracts were neusual and unexplainable on any ordinary It also was in evidence that the sales of goods and con-

wir ant worth great injustice. The law must watchull which however correct, could not at present by recognized. descend based on a mental condition unrecognized desails. carries and unary controlling. mental condition of the defendant as long as he did not trance sure in in briety has none interpolational agenterest a periodal shown its bearings and practical appliscience had present clearly that this was a formed disamile, exhibit any of the well-known symptoms of insamply, and are und countable acts now so pazzling to wait and which later will be healfy recognized as gaplituding many of the That the plaintiff had no way of determining the , The mry found for the plantag but, the The defendents bad putter a

NEBRUTTY IN RUSSIA

of hear had also increased ery largely. Of blandy alone, empire had increased seventy-eight per cent. The amount revenue returns on brandy and other spinits consumed withe manificatured and brought into the country and supposed to tucts are mentioned: From 1862 up to January, 4.883 the in a letter from the Wetchell of Moscow, the following

> lower and working classes, and are developing a degree of tron this source. The medicates are mostly confined to the laws and locces confiding it. rived and us precoming sugar from a knowledge of the the entitlet world. The disease of mebrick must be reede-Thus signs of progress and movement are upparent over all valor, which appeared in axis, with notes and additions time a Moscow physician has published the brothere of Sale census to be taken in each province, and requested the seiis a state question, and the government has ordered a drink iself. The charen does not interfere, on the ground that it etument is just now awaking to the magnitude and danger dienas pour summer and one assessment and sometimes. the best plans to reach and check this evil. In the meancitific sorieties of St. Petersburgh and Moscow to determine lawlessness and misery that perils property and the empire to every man, woman, and child in the empire. The govbe consumed by the people, it would average about con quarts

LAROMETERS FOR NOTING PROGRESS

Only a few seeds we come now facts, supply asking that they advance was, or how alpowestly it was supported by iturn there has ever been an eleracticomplet, no matter what the ery and the need of a central recasting of science, and the signs...t the disturbance of old theories and ideas of mobile air this editor, are partitatings on the harometers of progress not understand. A state of mental automatism to ding to state of callidish alarm, and constampation of what they do very countries and wratest, others are senere and harsh We are in constant receipt of pripers, length and protests trained the disease theory of machinery. Some of the sevare build of may lucsont beacls. Nearest such imporations prostring the perturn but has new and larger buths. Apthe past is epinarent in all these drine echoes of old errors Notionly electroned and meralists, but physicians write in a peris increations, and personal essentiability at the gournal

Littlerrat

the seel founded, while the vast majority centrest and deny everything which condiers with the present order of events. It is the same seld buildeground, and the same fight with the same energy, and the hereof the conflict the more rapid the alvadace. Thus, individualisting every tresh onslaught

To all our correspondents and friends who are harmed and immediate the facts, we suggest the Museule: arisprayer, "God is good and truth is neighty." Become stalents, and spudy and test the facts you so positively doubt any contest.

CHARLEN,

when greats all the new truths concerning the disease of inchesty and its cumbility, there is progress positive and

THE WASHINGTON ASYLUM FOR INEBRIANCES

existence. Public sentiment has not been educated up to time of recognition, with a confidence that could not be mus too has been quietly perfecting its plans waiting for the much enthusiasm in this direction. This projected institusustain such enterprises and the few pioneer efforts in difing and from Congress, and other sources, to good of practical officer of the same department urges this want as follows: day. The report of the Superintendent of Pouce of Wash taken, and which now promises to be realized at an only ferent parts have roused such fierce apposition, as by their briate asylum is an absolute want of the egg. The sanitary associated with inchriery, and from this ingest that another year, and at least four thousand more were arressed for going thousand persons were arrested for inchitery during the ington, for 1883, calls attention to the last that ever four This institution has been organized for some pears aware

of an asylum in this city where includes san be-cauced for there is no institution in this District where this class of persons can be sent and confined against theorewill. It has been clearly demonstrated that it is useless to sent faurants any of the nospitals, for as soon as they set sober they achieve.

to remain and as they cannot be detained they return to their friends, and in a short time it is a repetition of the otiense, and finally they it iturned over to the police authorities and send to the workhouse, where the downward course is more rapid than helore, and in the end they fill a drunkard's grave. If there was an institution in the city where this class of persons could be copfined there is no doubt but what many would hereefalmed and become goed and oscial members of society.

Isollowing up this a bill has been introduced into Congress to appropriate eight thousand dioligy to establish and maintain an asylum: for anoshrities in the District. This bill has the full support and endorsement of the leading men of the District, and will undoubtedly tass. It is understood that sound large doubt are dependent on the appropriations of Congress and the permaneuric of the work.

Co. Cone and Dr. Howard are to be congratablished on the result social of their energy in imputing distributed operation a work that will go down into the coming continues as a fixing, breathing charity. The domand for lightrate Asylums is forcing a recognition, on the field of materiality, that can find no other downs!

STATE ASMITUM FOR INFINITATION IN OFFICE

A bill was been introduced in the Legislature of Obio to establish an asylum for includes which is of more than passing interest. It provides for the appropriation of one bundhed thousand diffuse for the purpose of buying a large farm, electing buildings and conducting a workhouse hospital for inclusives who come under legal arotice either for drunking or perty crime.

The inebriate shall be regularly committed, the same as to prison for a term of not inuse than three years except in case of exame and recapture, when said term shall be extended to five years.

Persons who come woluntarily are held under the same rules,

e Activity (County on Challed to Str.), in a second control of the Str.), in a second control of the Str. (Str.), in a second control of the Str.), in a second control of the Str. (Str.), in a second control of the Str.), in a second control of the Str. (Str.), in a second control of the Str.), in a second control of the Str. (Str.), in a second control of the Str.), in a second control of the Str. (Str.), in a second control of the Str. (Str

Sektication (1991) Figure at automatic in transport with the properties of the sektic properties

The training of the state of th

Sakingson arrangery

T. Community

all classes and conditions of society the hour. No other wast is so positively supported in both The deniand for such hospitals comes from the bresides of theory and penetics, that has not been unstersally admitted so closely related to the secret and commercial induces sof come from it. No other relevanted weak comes march to Needled not only as accommon of homents, but as a distily of economy and selfish coin to clother hom. Needed, to the the hearts, and homes of every community. No other work the write of farmar life and the burdens and bases widen along the front of the great age of conflict and change the conveneent. Herpanish in the class me newbool its, and in suspresentation in a possecution follow this infil liebbe to occupy, passes by an the other side of the might Directors every year. Charles which is every seeding new never woes back to normal life again. The hand to hande se widering cutof the stream of wounded and device thoughtes condition nake regiment inpossible. The K constitute and is dilyen to 1811. Where a verse than Andersonville say der is her kened. He is held responsible, as a primital who the airt of residence them to the aid to the them the with The instance idiot and otherways as careful or with voluntually lices messacended and compared of this own the rulers and a rise some presented by the assembly before being the first tracking out the less stements of the suffice of Hos that course book sooms the death-libbs which she shrink again

Inebriety he been recognized as a great phrescal publication to the four thousand years, and wet its causes and mature were unknown antil the last ten years. At last slightly has gathered on the borders of this teahn and the meeting of all the varied phenomena of this drink mania is slowly coming to high. The causes and conditions which produce the mebriate in the past are the same in part to-day. This the same eternal-rander the flaw of cause and either to make the nebrate is the result of the same forces which to mathe atoms of the planets.

Citated Nines and Company

NEED OF AN INEBRIATE ASYLUAL

D. Wei, J. Heat of Macon, Georgia, President of the Sea. Median Scately, in his amount address before may secure at Arianta made the following eloquem amped for an asymmetry metrinos:

an institution, properly organized and managed? . The care tions. We have established, and in successful operation, an and suitable treatment, they may be reclaimed and again not our own sacred duty as physicians, who are custodians . There are more includes in the country than criminals, the mate, the moral investigrand often of the command and of emplion of drankards is one of the most vital ques When can estimate the benefits that wealth accrue-from such the wisdom of its founders, - an insance asylum which has and education of the blind, itself an enduring monument to a vices for the deaf and thunby an insutution for the care As Georgians we can point with pride to our State institubecome eseful members of this grand old Commonwealths be provided for these unfortunates, where, with proper case in of that some suitable retreat, some quiet home, should of the health and construct of phose entrusted to our care, as but a national evil. As we are powerless to prevent a ris it irresponsible of brings. Intemperance is not only a local yet, so the as the care of himself is concerned, he is the most so icty. Though legally the inebpate is a respossible person the are more diagerous and injurious to the welfa. Sol consol the day. In the nebrate well we a combination of by so accorate asylum within the borders of our own State. year also life necessary, or having a law enacted establish-"I would invoke your carnest aftention to the importance

dispensed to blessings to thousands of that unfortunate class, and I fondly hope that the day is not for distant when a form for includes will be found in our State. Let us then its brethren, make a united and determined effort to induce the General Assembly to vote an appropriation, sufficient to establish such an institution. Let a menoral urging its necessity and importance be presented to them and I can not pennit myself to doubt that our efforts will be unrewarded."

ALCOHOL ON THE HEART

Prof. Martin, in a paper read recently of the above suly jeth, readed the following conclusions

The experiments were upon the isolated manneralian

heart, and we have previously a total abstance in First from a Marriott's flask definitioned blood versied to the heart, then blood again. The results of these experiments demonstrate: I. Alcohol in the above close has no influence on the pulse. I. Alcohol in the above close has no influence on the pulse. I. Alcohol in the above close has no influence on the pulse. I. Alcohol in the above close has no influence on the pulse. I. Alcohol in the above close has no influence on the pulse. I. Alcohol in the above close has no influence on the pulse. I has Fregards, the work done by the heart in a minute, bloodicontaining one-thurth per cent of alcohol hearty always givenly dimerishes the work done. If the supply of alcohol heart by long continued die heart can be recovered blood be not too long continued die heart sweks out so that wen in consequence of which the heart sweks out so that wen in its systole it nearly or quite fills the perfectival tag. Hence in diastole it cannot dilate faither to receive a tresh supply of blood. A. If the perfectivith be removed the above doses of alcohol are without effect on the work done at least for a considerable time. The heart, however, swells enormously and heats or a quite unphysiological manner never oblitain thing its ventuorilar cavities in systole.

TOTAL N THE BOOK

Several designs of already in the bade give wet unknown, the chemical bases of already in the bade give wet unknown, our of a intermediate of the rices and experiments two yields as an approximate one are of by Latienand, Perpir may others that already in the austral bases are the system from affect to later bound and then is eliminated interact through the entitless (uniform and shines, baries, bangs, kidness, and skin, etc. That a nothing is aids in these constructions.

these theories are supported by eminentanchicanel a creat haves the arganism more susceptible to disease and less able of and arance, and the enjoyety to resist hear and cold and us head fact, that alcohol in the body degreeses the power affirmative, that it is a food 19th Hammond seems to seem the negative by nearly coll bundpead and business. In the constraint of the took radio of alcohol's perchandly settled in to have the largest support by connect subseques. The thrown off unchanged from the system seems at this time variety of experiments. The former wew-that alcohol is consumed by combustion although a large pure in glabe that alcohol reasons a one time in the body and is finally almost aione as its defender. It is conceded as an estab-They also agree that it in no way bands up tissue. Book of removed by the extratory organs, the same us at was taken to resist degeneration - / The second view arged by Anstie. Dupe, and othersors

Etainent authorities are united impronounting alcoholingations in all cases of indigistion and ayspepsid and particularly infunctional nerve distantances, and neuralgen. Its value in the early or later stages of consumption is disputed and yet clinical evidence seems to point eutris danger and limit its power even later. It is deally evident that alcohol and its effects on the body are on unally the har of scientific inquiry, and the facts and evidence are demanded for every ciain of the just convening it. Opphenis and theories are in no weight or value; so far, the evidence is all negative.

but station limities succe one to bring loowand all the proof that he can find, and further on a verdice will be rendered that will settle the question torogen.

Inclinies among American connects and authorist become control promition of every year. Although it is more converted up than in biling countries, set its preveasurs appraisant in the great dispand for parcours, and the sale of best and was by groces, also in the divisions of sale on seed and was by groces, also in the divisions of sale of seed and was by great dispand for parcours. The same is true of all classes except those of foreign birth who still ching to the old custom. In paintic displaying. The same general earlies govern comen the area for not used for growing the earlies govern comen the area for not used for growing the earlies govern comen the area for not used for growing the earlier women they consumently owns of mireties in excess of either crasses. Their popular sensitive comparation demands pare constantly subjected, and this is a source of gradient orthogore on the particle forms of the orthogore.

Employment and occupation of both fining and body are more essential in the treatment of mediates than the most claborate medication. Rest. is one of the great considerations but entire sorties; change of purpose and motive must entire moto and fill up the hours of treatment. The patient with auditure to do becomes more and more subjective and the murbal growth of delisions and fialuctionations is encaused. He must have a line of duties from morning to might both of exercise and care, which will be a fonic to the organism.

Those must be carried out with multary exactness, and varied from time-to-time-to-prevent dulines.

Figure 1 and must be decated with the same care and skill as the body. The rumanal of one of the causes, alcohol, must be followed by thorough restoration of the body.

Vol. VI-16

it meets tiese wants more positively than any other drug experience with coca in many cases seems to indicate that the mental depressions so common and agonizing, measure his just control of mind and body, and rise above includere a stage of prefound exhaustion and neurosthema neurresthenic stage, and enable the patient to regain in some nutrients, and other general remedies. The materia medica the usual remedies are quinine, strychnine, electricity, baths. termed in general states of brain and nerve exhaustion, and difficult to diagnose but more difficult to treat. These are ganic lesions, both obscure and well defined, not only intense, complex, and very changeable, associated with or of neuralgias, and states of irritation both physical and comes on. An annasking, as it were, of a nameless variety is constantly searched for tonics that will lessen this to accel. Functional changes and perversions that are psychical which tax therapeutic resources to its utmost After the renewal of alcohol in the treatment of the Our

preparation of known purity and value. The results of its we were supplied with the fluid extract of coea leaves, a use in these cases may be summed up at follows: Through the kindness of Park, Davis & Co., of Detroit

- followed by the most characteristic symptoms of improvement. from one half to one ounce every four hours was specify 1. After the removal of alcohol, coca given in doses of
- steadiness of pulse-beat, and climination of pulse irritability organic and functional lesions of the heart, an increased and lessening irritable nerve conditions. of an exhibarant and slight narcotic, relieving depressions was apparent. Its action on the brain and nervous system was that In cases of
- gether in most cases, especially for some time after the use of the drug. common in this stage were lessened and disappeared also 3. The psychological depressions and neuralgias so

Both the appetite and sleep, in all cases where it was

Clinical Notes and Comments

seemed to have less complications and more positive given freely, improved rapidly, and the future of these cases recoveries.

great value in inebriety, and more nearly a specific than any was indicated by this study was that coca was a tonic of intensity and duration of the attack. The conclusion which other remedy now known. but it was clear that given freely in these cases it lessened the destroyed the cravings for alcohol in cases of dipsomania; 5. No evidence was brought out that would indicate it

sciousness and muscular control. He stated that this condisometimes a rapid circular motion followed. The application tion followed from a single glass of brandy. of the faradic current quickly restored the patient to conthey remained so. His eyes were dilated and rolled up; and perfectly rigid, supporting his body on his head and heels, and when the arms were forcibly placed in any position in the Pennsylvania hospital. The patient was unconscious case of inebriety with marked catalepsy, which was received Dr. Woodbury mentions in the Medical Times a curious

married August Joth, and began to use brand, at once dying daughter of an inebriate, and was excessively nervous, sufmentioned in the English papers. The patient was the from delurum tremens. September the 13th. followed in four weeks from the time alcohol was used first, is fering from neuralgia, but never had used alcohol. She was An instance of sudden death from delirium tremens, which

is one of the most common factors, and is most often assopower of distinguishing colors. affinity for the retinal nerves, diminishing their sensibility and stances, both alcohol and tobacco scem to have a peculiar ciated with this disorder of the eye. Also that of all subthat the moderate or immoderate use of alcohol or tobacco Recent studies into the causes of color-bindness indicate

NATIONAL WOMEN'S TEMPERANCE UNION

are spent in discussing the heredity of this subject. the cause and cure of incoriety, and the remaining two days devoted to general hygienic subjects that have a bearing on questions and answers are most prominent. Two days are topics, and is fellowed by an informal discussion in which with a lecture by some physician on a special branch of these the evening session men are invited. Each meeting opens the place, are invited. Three sessions a day are provided; in members of all neighboring societies, and leading ladies of under the anspices of a large local society. Delegates and sole topic has been littely tried with the most encouraging conventions in which this subject and hygiene be made the to the members and the public. Λ plan of holding special ject and give instruction through means of tracts and lectures be under the care of Mary Weeks Burnett, M.D., of Chi-This association has organized a department of heredity, to A four days' session is arranged at some point, The object is to gather facts bearing on this sub-

This association has seven hundred branch organizations and it is proposed to reach every one of these with this kind of instruction. Several conventions have been held, and much interest and enthusiasm has been manifested. This work gives promise of more real progress than any other temperance effort. We shall take pleasure in noting this new phase of the study of inebriety.

Dr. Anstic in an experiment showed the following: Five minims of brandy was diluted with an equal grantity of water into the pharynx of a healthy white mouse, of the average size at 2.40 P. M., and at 2.51 P. M. the animal was dead—eleven minutes of alcoholic influence metamorphosed life into death. A large rat was treated to the same amount of spirits into the peritoneal cavity, and in three minutes respiration ceased.

LICHNSES STATISTICS.

The following very significant extract is made from De Wells' paper, in the March number of the Property Research cuttiled "Our Experience in Taxing Installed Spirits"

granted. show a decrease but nather a marked morease in the number and in the of on willsky dranking but the record of lecenses retail sales of all liquors must be to discriminate against becau spirits it would seem as if one effect of providing of all for the sale of analytiquois in the probation states does not 1880 to 454 in 1883. As allicit dealings though liquors, by reason of dwir bulkiness, is more difficult than in the case of state of Maine the number of such licenses in 1880, was 757 in 1881, \$20 in 1882, 918, and in 1885, 1,054. In Kansas 1883. Town 3965 in 1880, 45704 in 1882 (5:001:10 1888) on the constitution, or placed upon the statute book, appears heenses in those states where prohibition has been engrafted iii 1883;—the number of those who take out similar liquor states and territories is continually increasing-163.323 in Vermont on the other hand shows I decrease from 508 m In New Humpsbire there were 747 in 1866, and 1.066 in there were 1.132 in 1881, 1,460 in 1882 and 1,898 in 1883 to increase in an equal or greater proportion. Thus in the 1879-80; 170;640 in 1880-81; 168;770 in 1881-82; 487;871 under the internal revenue to retail aquoes, in the different and that is, while the number of persons who take in the enses and notable communication connection with this matter Attention should here also be allow to a most significant

In Canada the statistics indicate a comparative consumption of distribed spirits largely in excess of that in the United States and approximating two gallons per capita.

To a large extent the increased consumption of alcohol is symptomatic of the increased prevalence of neurographic constitutions—of a rapidly increasing this who feel an insatiable nervens errors for some excitant or symplems.

the last is with wer to triernsh over the weekness. But the last is not remedy for such diseased conditions it only an elepted is no remedy for such diseased conditions it only an elected is a such it is about as it offices the user is worthy of the modes refers consideration, but the scapendous total of sacceting and diseased descending upon the innocent children of last carear and memoring import. The heredity of dipsomant is execut and memoring import. The heredity of dipsomant memors ensured to stimulants always bestow upon their estority inflectent defects, exceedingly liable to divelop alcoholism meanity, or dicey; at times skipping a generation to break out later as a distressing inalady.

The wide spread disease, the result of moral and physical vice, is not self-limiting; by inheritance or example, foosit recent is are daily autrenting this inglorious army, who for the sake of a temporary "too's paradise," thus hazard every have in life, both for themselves and their posterity. Most certainly some measure should be projected to counteract this immense cyll, and a large share of the responsibility would seem to rest on physicians. The effect of intemperature in its immediate and remote relations upon families must be created and recorded and recorded and second practitioner must do a large share of the work-for which is cruised, and has opportunity for such public service?—In Tage.

The count from alcohol is quite distinct, and can be different with much exactness. It may be confounded with machine picture, apoplectic or opinto coma and other conditions of the minute synaptoms will indicate the differences.

The instead which fellows in many cases of include, arises either from cerebral congestion, or cerebral exhaustion. When delition fullows the withdrawak of alcohol, the latter confetence is undoubtedly present.

DIAGNOSIS OF INEBRIETY.

Dr. Comings, in an essay before the Connecticut Medical Society, makes the following reference to this subject:

In the early stage of incircity the diagnosis of the discusse is extremely difficult. There are no physical signs upon which the examiner can rely. He must draw all the facts on which to form his opinion from the applicant himself or his friends, neither of whom are likely to conscientiously confess the touth. The applicant himself as a general rule, is ignorant of the fact of disease and will account for his personal hibits in some other way. Fortunately, if he is not thoroughly posted in a gaid to the symptoms of the disease, he will anwritingly befrave the truth by the recidition he will make of his habits.

First of all 3t must be bonic in mind that the meditate is a chain deceaser, and example be helicited upon to tell the trith.

His testimony is not to be relied on even under oath which there is a motive to deceive unless there are convolorating currents affect to sustain it. Impairment of the moral perceptions is one of the first symptoms of the discuss and as also an obstacle to a correct diagnosis.

An inchriate pever sees himself as affers see himself diffusione would be more note note in his case.

The heredity of the apply and should be carefully arquired into. No mun is a good risk if he uses alcohol in any form, or to any extent; if he has an inacriance of includes insami, for the any extent; if he has an inacriance of includes insami, or the any extent; if he has an inacriance may be he will not be able to adhere to a temperature use for any grant length of time. It is a recognized fact that therefore, who are alchololic liquors between twenty aboth they become includes; and the interpretence that persons of such a neutral who indules in alcoholic estimulant. Careful insury will elect the fact that such persons use alcoholic drinks be-

casse they like them, because the effect, if not the taste, is a condete. A man may like charet because it relieves his mass, we be may like been because it gives him an aspetitus or he hay it below, in a vonapany of triends for the sake of sea table, or he-spitality, and it may not be a symptom of interactive. But when it is evident that the man brinks because the special colors of alcohol are especially agreeable to him, he must be cause a total abstrainer, or it will be only a question of the warm of the warm he will become a confirmed instrainer.

A positive dislike or aversion to the use of alcoholic deticles at vertain mervals, and a strong deskre for their at other actions, is then a connectoristic of the individual actions. When an admission is made of an occasional attendigence to excess it is very important to know why it is discussional or that the occasion is. Here is periodic, or at sungervitative guarant intervals it must be regarded as a vidence of this case.

An abnormal desire for alcoholic altinks, historic night is one is an extence of disease. If the diseased condition has once been established, it is always hable to retulor, and the percentage of exceptions in favor of probates remains so very small that a period of abstinetic for one or more years does not make the applicant a saferisk. Meat who lide had alcoholism, dipsonania, or deliging tempers, and lides reformed to such an extent as to be total also any return to such an extent as to be total also and return to their clathabits.

Under such circumstances their prospect of file is very low; not more than four or five years dishost in the majority of cases.

Dr. Lamier, of France, wrote that sixty per cent. of all idiots and inchriates in Europe came from drunken ancestors. Or. Michet claimed that on the contract alanch larger proportion of insane and detective classes came from inchriate parents.

hands every advance of treat displaing its progress.

DIAGNOSIS BETWEEN INEBRIETY AND GENERAL PARALYSIS.

In the recent work of Dr. Hamilton, a Medical Jurispru-

lidity readily cured or modified, coasional supervention of the morning; diminution of the generative functions triginulion of appetite, and cruckanous, combing of mucus, in Sloop disturbed with dreams, sometimes sleeplessness; dimdeludum tremens superfor lumbs to the willow, and in the inferior to the knee. cles of the face especially upon tremulousness of the tengue; cepending somewhat upon lear—upon startings of the muschallons, ideas of persecution, tendency to suicide, cvil vision, allusions, delirious conceptions depending upon balluache, active hallucinations affecting all the senses, disordered dence, occurs the following table espect from Thorneup: of the extremines of the limbs, extending generally in the tendons fore arm, pupils nearly always diluted anesthesia both sides, trembling of the hands and the arms, more marked in the monunes tormications, cramps, and sautings of the ls. Dieness, little anarked of the interior members—equal on insuncts, consciousness of degradation, embanassed speech, Inclinety, complicated with insanity and paralysis, bead-

In general paralysis the following are the prominent diagnostic points—generally no hardache, enfectioness of the mostic points—generally halfuginations, ideas of grandem and contentment embarrassed speech depending upon the freeleness of the conceptions and paralysis of the muscles of the face—techness of the infector members, more marked generally upon one side than the other mothing appropriate in the superior limbs, sometimes default of coordination papels often unequal, often contracted; sensibility normal or obtuse over the viole surface, sleep generally normal appearie augmented augmentation of the generally normal appearies of the disease ordinarily repid always faral tendency to congestions, and to epileptic form attacks.

Use the less of the supreme count of a New England.

It is the less of the intercentin excituty of progress,

It is not to a vice and sin, as declared in the lide of self-real. The laws of all nations against beat as a self-real to be all teachers of morals, and as the self-real to codact."

I have a classical positively injurious in diseases of a law a varies forces and affections of the kidneys and constructed and accordance of the truscular system. These diseases are the part of the ruscular system. These diseases are the part of the ruscular system.

I. Now You stylin 1883, there were filty-force burders forty.

L. A. Barana and Four suitables. Of the murderers forty.

L. W. Barana and Four suitables. Of the murderers forty.

L. W. Barana and Four suitables. Of the murderers forty.

L. W. Barana and Four suitables. Of the murderers forty.

L. W. Barana and Four suitables. Of the murderers forty.

L. W. Barana and Four suitables. Of the murderers forty.

Half the celebrated English Jurist in the last or ity prometr of that "there were witches, and the last wisdom of all nations had been upon a such persons." This was an argument of the persons to exist.

The dat custom of drinking a glass of oil before using a condition to make in themical principles, by this means the condition is an early absorbed in the stomachy and acute in contains is delayed.

Count, is justly considered the most valuable addition. Shrury of every physician. It is a blank such a form as to be readily available and the country of the working capital nearest every day of life.

Clinical Notes and Comments:

Golowax, Huntsville, Aia, writes: "Gase I —Mr. W. R. W. aged thirty-five, a healthy, strong mmn, had been drinking hard for a number of days, resulting in delirium frements. I put him on a sol, morph, and trivalerian, one ounce each it verate vir. (Norwood's) one drachm, teaspoonful every hour till sleep. If then went to bed, and to sleep, confidently expecting my patient would do likewise. But in this I was doomed to disappointment. Messenger came early in the morning with the information that my patient had been wild all night and slept none. I then prescribed bromidia two ounces, sulph morph, two grams, teaspoonful every hour till sleep. The result was most happy. My patient fell into a sound sleep of some twelve hours duration from which he awakened, and went at once to his place of business, a well man.

Case II—J. S. aget forty, strong, muscular, and vigorous. Found him reading the horder lands of horrors with every symptom of dehrum tremens. I put him at once on the Brownia and morph treatment with the same result as in case I—sound sleep and perfect recovery. Since treating the above cases, I have relied implicitly on the bromidia and morph, and have never been disappointed.

Maryland: Injunction—In the U. S. Greut Court in Maryland: it was on the roth of March 1884 adjudged and decreed that a perpetual injunction be issued against Louis I. Wetter and eighteen others, restraining their rom imitating the labels of the Rumford Chemical Works manufacturers of Horsford's Bread Preparation, and also from using their old bottles. The defendants were required to bring into court-all-fraudulent labels, and all-initiation powder for destruction. It was decreed that the Rumford Chemical Works be entitled to receive the profits which have been diverted from it by reason of the infirmgement and the defendants were ordered to pay all costs. Thus is another victory scored for the Rumford Chemical Works, who, not long since, caused several parties to be heavily fixed for violating the injunction of the Supreme Court restraining all persons from offering for sale "Acid Phosphake" (so called) in any package which shall be a substantial or colorable initiation of Horsford's Acid Phosphake.