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## MODEL HOSPTTALS.

Hathe deacription of an imaginary" "City oo
 frigland, the followining plan for hooppitals i given:




 housing diseases on the largest possible scale,
and of making it the boast of an institution that it contains so many hundred beds, is aban-
 of the body, as if the different organs could walk ont of the body and present themselves

It will repay us a minute of time to look at one of these model hospitals. One is the fac-
simile of the other, and is devoted to the service of every five thousand of the population. on a subway. There is a wide central en
trance, to which there is no ascent, and into which a carriage, cab, or ambulance cand drive direct. On each side the gateway are the houses of the resident medical officer and of the matron. Passing down the centre, which two side-wings, running righat and left from are the wards; twelve on one hand for male, cross-corridors are twelve feet wide and twenty feet high, and are roofed with glass. The of glazed brick, arched overhead, and divided into six segments. In each segment is a sep-
arate, light, elegant removable ward, constructed of glass and irom, twelve feet high, fourteen feet long, and tea feet wide. The Each patient who is ill enough to require con-
stant attendance has one of these wards entirely to himself, so that the injurions influences one large room the living and the dying; those who could sleep were they at rest, with ed with pain; those who are too nervous or sensitive to move, or cough, or speak, lest they ever pleases them --these bad influences are absent.
The wards are fitted up neatly and elegantly. At one end they open into the corridor, at garden. In bright weather those sick, who
even are confined to bed, can, under the direcoven are confined to bed, can, under the direc-
tion of the doctor, be wheeled in their bed out into the The wards are warmed by a current of air made to circulate through them by the hospital is supplied, and which performs such s how hospital man purposes that the with but this assistance.

If at any time a ward becomes infectious it is removed from its position, and replaced by fected, and laid by ready to replace another that may require temporary ejection,
The hospital is supplied on each side with
ordinary baths, hot-air baths, vapor batas, and aeline baths.
A day sitting-room is attached to eath wing, and every reasonable method is taken for enlarsiless pastimes
Two trained nurses attend to each corridor, and connected with the hospital is a school for nurses, under the direction of the medical are not merely efficient for any duty in the either within the hospital or out of it, but from the care with which they rttend to their pirsue of changing every garment on leaving
an infectious case, they fail to be the bearers of any communicable disease. To an hospital four medical officers are appointed; each of der his care. The officers are called simply
medical officers; the distinction, now altogether obsolete, between physicians ana sur-
gena being disearded.


always ready to be sent out to bring any in
jured persons to the institution. The ambu lance drives straight into the hospital, where a bed of the same height on silent wheels, so that it can be moved with
ward, receives the patient
The kitchens, laundries, and laboratories are in a separate block at the back of the institution, but are connected with it by the central corridor. The kitchen and laundries are at the top of this building, the laboratories below. The disinfecting-room is close to the the engine supplies, is used for disinfection. The out-patient department, which is apart from the body of the hospital, resembles that of the Queen's Hospital, Birningham: the aware, that ever deserved to be seen by a gen erous public. The patients waiting for advice are seated in a large hall, warmed at all seasons to a proper heat, lighted from the top through a glass roof, and perfectly ventilated. from the rest. The consnlting-rooms of th medical staff are comfortably fitted, the dispensary is thoroughly officered, and the order that prevails is so effective that a sick perso who is puncual officers attached to the hospital The medical officers attached to the hospital appointment at the same time, and that for a appointment at the same time, and that for a the city obtains the equal advantage of hospial practice, and the value of the best medical and surgical skill is fairly equalized through the whole community
In addition to the hospital building is a separate block, furnished with wards, constructed in the same way as the general wards, or the reception of children suffering from re so planned that the people generally senc sick members of their own family into
for treatment, and pay for the privilege.

## THOUGHTLESS CRUELTY.

A few days ago, a teacher in a publie sohool, ped him, lifted him again and again and drop ped him, till the child was serionely, perhaps fatally, injured. I have seen a lady lifting a child by the ears and carrying it out of a room hocked and disgusted by the recital of brutalities inflicted on children by their drunken parents or infuriated teachers; but it is quite judioious and respectable parents, under of the ignorant and intemperate. Many parents box the ears of children,-striking them a square blow on the side of the head-a dancrous and wieke punishment. The sudden compression of the air within the ear is very apt to be injurious, and the shock to the brain not be pre the intellect. The injury may tion of future and unspeakable suffering an sorrow may be laid by one inconsiderate blow on the temple of a child. More common than this, and equally oruel, is the practice of pulling with some parents, of punishing their ow children. Teachers sometimes hold a child' ear while he is reading, and pinch or pull it child's attention fixed for fear of tho keep the worse mode could not be adopted, for the child's mind is diverted to the danger and from the lesson, and so he stumbles. Such parents and teachers deserve corporal punishmen man ear requires the most gentle handling and to treat it as a mere cartilage to be pulled for the purpose of punishing, is a piece of in-
humanity that reason forbids and relision demns. Nome parents send their children into a dark closet where they are in terror of ima ginary goblins. Perhaps this is not as common as it was fifty years ago, but it is not out of use. It is not unfrequently the cause of idiocy or insanity, and no judicious parent will per-
mit it to be practiced in his house. Nurse mit it to be practiced in his house. Nurses threats of bears and big men, to carry them be discharged before night. She cannot be cured, and she must not be endured.
Cruel and unusual punishments are for bidden by human law. It is wonderful that parental instincts and human love are not and mothers from hasty, passionate and in blood. A father vents his impatience on th son of his affections. A mother worm with
care, wanting to read her novel or go to sleep, eare, wanting to read her novel or go to sleep,
beats her babe to make it quiet. But a parent or teacher should never punish a child, in heat las no moral force in it. The calm, judicial, righteous judgment is as needful in the inflicsentence of a prisoner at the bar. If you cannot govern yourself, you are quite unft to
govern children, and if you strike a child in
haste or under ex
whipped yourself. condemn the punishment of and would we they do wrong at home or in school? SQ far Tom it, the whisdomh and dnty of punishing Tisobedient children, is logieally to overturn the government of man and of God. And as happiness of the community, so in the family those children are the happlin who taugh them obedient. Fretting makes them worse Harshness, severity, cruel pains, loud words, and hasty blows are all wrong. But an even temper, inflexible purpose, unyielding to the these are virtues that dwell in every right mind, and will- regulate the govermment o Observer.
A Microscopic Difficulty.-With every in crease of power in the objective there is a shortening of the focus and a lessening of the
area of the real field of observation. For instance, the one inch foeus objective raigh suppose it is desirable to so enlarge a single organ of that insect as to be able to inspect al its peculiarities, it would have to be done with organ would itself fill the field. It is a little curious how general the difficulty seems to be to comprehend this point. Suppose an artist be required to paint in life-size the portrait o enough be furnis anead of canvas just large the patron has changed his mind, and now requests the artist to paint on the same canvas
a life-size likeness of the child's father. It is plain that the thing is impossible. We have a friend who is very skilful with the mioroscope. A neighbor one day brought in a dead
grold-fish, some three inches long. He said he had been so delighted by thinking on that animalcule that was magrified a thousand did a gold-fish would look when so enlarged; and "Now," said he, "wouldn't you be so good as just to put your very strongest magnifier on this fish ?" Only to think, he exin golden armortan ichthyic monster 250 feet
long, every scale of whose plate-armor wonld long, every scale or and these, too, fluted with grooves into any one of which a man might lay his right arm !-Harper's Monthly
Danger of Whipping Horses.-Prof. Wag use horses, upon another point, viz that of citing the ill-will of the animal. Many think they aredoing finely, and are proud of their success in horse training by means of severe whipping, or otherwise rousing and stimulating the passions, and then from necessity crushprompted. No mistake can be greater than this, and there is nothing that so fully exhibits the ability, judgment, and skill of the ivg instead of the care displayed in winaing instead or repelling the adion of the the whip sometimes, it should always be used judiciously, and great care should be taken not to rouse the passions, or excite the will to obstinacy. The legitimate and proper use of the whip is calculated to operate upon the ate and better nature must be appealed to in trajning a horse, as well as in training a child. A reproof given may be intended for the good of the child, but if only the passions are excited, the effect is depraving and injurious. This is a vital principle, and can be disregarded in the management of sensitive and courageous horses only at the risk of spoiling them.
I have known many horses of a naturally I have known many horses of a naturally
gentle character to be spoiled by whipping gentle oharacter to be spoiled by whipping being struck with a whip once while standing in his stall."
A Mystery Explatned.-Several member of a family in this city recently fonnd themtheir bodies, the disease appearing somewhat like ivy poison. Not understanding the cause, the family physician was consulted, and he careless use of copper utensils in cooking food, and was clearly of opinion that it was due to developed the fact that the servant girl, in her ignorance, had been using water from the hot water faucet for making tea and coffee, boiling potatoes, and, in short, for all cooking purposes. This at onee furnished a solution of the prob-
lem. The hot water, in this, as in nearly all ca ees where hot water comes from the pipes,
is drawn from a large copper boiler, which, by its situation in rerpect to the pipe, can never time collects suffeient impurities from the Water and partioles of the copper to render it
through lead pipes, and by its never being
frosh, as in the cold water, which usnally
 not be surperixing in many acoses of sick wounss in
this or any other oities oould be traceed directly
 Moue-keopers should watch their domesties vigilantly to see that only the water from the
cold water pipes is used in any part of ookking or the family.-Worecester spy $^{2}$
 peedily do so, but if your wirats, you can
hem, note what is preat hem, note what is now laid before you. the drummer should always strike in one place a the head of his drum, the shin wear into a hole; but how muoh longer it
would have lasted him if he had varied bis thumping, and had used the entire surface of If he uses always the same tone, he will weat a hole in that part of the throat which 18 moest exercised in pronouncing that monotone, and
 bronchitis differs froma the Church of England article. There is an ecclesiastical twan which is much admired in the Establishment -a sort of steeple-in-the-throat grandeur-an aristocratic, theologic, parsonic, super-natinal,
infra-human mouthing of language and rolling ver of words
A Horse with a Silvér Throat.-The Cincinnati Commercial has this account of "a kindly, bard-working beast belonging to the incinnati Omnibus Company, but was 'wind broken,' and on that account had grown al-
most useless. It was a pity, and a loss as well, to turn him out to die-he wouldn't sell-so it was determined by Myers, the veterinary in short, a 'kill-or-cure" remedy. So two months ago be made an incision in the animal hroat and inserted a silver tube in the wind artificial nostril at the poing leaving a sort of device works like a charm, the terrible wheezbeautifully, and the incision has healed up day's work and eats his full allowance. Th silver throat can be removed and replaced a will for cleansing, but is so arranged as not to get out of pla
to the horse.

A Safe Light.-The night policemen of auls can a conver . 1 moll a piece of phospi.orus as large as a pea, upon up about a third of the vial. The latter i stopper is released for a moment, 0 as to permit the entrance of air to the phosphorus diffusing a clear sand of course, perfectl harmless light. When the light fades it may be revived by a fresh uncorking. A lamp so prepared will hold good for, six months with out renewal.

- Nursing-that is, the care of the sickought to be an institution. Nothing is more needed than regular establishments in which Many may be trained to perform their parts Many persons falling sick are dependent upon their own families. Sairey Gamp is by no hired attendants upon those who reqnire tha most tender and watchful care. For example, a friend of the writer, a lady of considerable distinction, happened to become very ill at a famous Boston hotel. She was not without friends at hand, and much pains was taken to procure her a suitable nurse. She grew rapidly worse, and was not expected to survive satisfactory ones, by the recummendation of an eminent physician a woman was sent $t$ take the place of others who had beor found
incompetent. This nurse was tall, gaunt, and somewhat ghastly-looking. Upon approach. hand gently over the forebead of the patient, and asked, "May I not smooth your pathway to the grave ?" In the middle of the pight the lady, awaking, saw the nurse trying on han the 1 , who, bem ing. The lady told her she might keep it supposing she had herself no further use for it, especially since it had been thus appropriated and the nurse was summarily dismissed
as soon as morning came. Happily the lady recovered in spite of such melancholy and a the same time officious nursing, and now, afte some years, is enjoying herself in foreign
travel; but she says the memory of that night gives her a chill even now -Harpor's Monthly. - Sir Josiah Mason, the wealthy pen man-
ufacturer of Birmingham, England, has built in that city a scientific college, at a cost $\$ 150,000$, and has endowed it with a gift o
$\$ 150,00$. Besides this, he has sold his busi
ness, and intends to give the proceede alont
ness, and intends to giv
$\$ 500,000$, to the college

