a the Phrenological Journal.]

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

SPECIAL CAUSES.

While physiological habits of every kind are smong the remote causes of apoplexy, as tending to its production directly or indirectly, there are certain morbine induces and habits of life which have a special tendency in this direction. And these we are now to consider, as constituting the special ob-

All physicians are aware of the inti-mate relation between the constipation

of the bowels and "aching" in the head; and most persons know that "billious" conditions of the stomach occasion violent determinations of blood to the brain. Whatever, therefore, in the dietetic or other habits of the individual tends to constipation or biliousness, may be regarded as among the special predisposing causes of apoplexy. A full, plethoric habit is commonly regarded as constituting a special liability to the disease, and the phiegmatic temperament is supposed also to be a predisposing condition. This may be true, other eircumstances being equal. Tempera-ment, however, per se, can hardly be regarded as a predisposition to any disease; but it may be said to predispose to the habits which produce the predisposition to apoplexy. The idea I wish to indicate is well expressed in the answer of a certain distinguished medical pro-fessor to one of his patients who wanted to know the cause of the obesity which the doctor could not cure, "Sir," said the professor, "you have a predisposi-tion to become fat, and a disposition to keep so." The conditions or "diatheses" termed "plethora" and "billousness" require a little explanation in order to render their influence an apealed convex of an

part of the body liable to congestion on the occurrence of any accidentally disturbing influence; but this overfulness or plethora does not consist in the pa-tient having too much blood, as many imagine (requiring bleeding as a reme-dy), but in a redundancy of effete or waste matters in the blood consequent on defective depuration. Obesity, ple-thora, fatness, and biliousness are states in which the blood consequent which the blood or areolar tissue is loaded with impurities. It is these, and not the blood, which should be removed from the system, in order to render the circulation free, congestions avoidable, and apoplexy impossible. In the plethoric diatheses all of the In the plethoric diatheses all of the excretory organs are nearly equally de-fective in action; hence the blood is be-guor, lassitude, headache, throbbing of fouled with the retained matters which should have passed off in the form of aweat, bile, urine, feces, and carbonic acid gas. But in the billous diatheses the liver is inactive or torpid in a dethe liver is inactive or torpid in a de-gree greatly disproportioned to the state of the other excretory organs; hence the blood is more especially loaded with the elements of bile—with those waste mat-ters of the body which should have been excreted from the blood and passed off in the shape of bile. These retained billiary matters render the blood thick, viscid, incapable of passing readily through the millions of minute capil-lary tubes which ramify through every lary tubes which ramify through every tissue, structure, and viscus, and hence obstructing their channels, causing the blood to accumulate in the part, over-stretching the vessels until, perhaps, they lose the power to contract normally, and ending finally in permanen congestion, and possibly speedy denti Very fat, and very plethoric, and very corpulent (another name for fatness) persons are always liable to die suddeniy of apoplexy. Why? Because the whole mass of blood is so loaded with impurities, with obstructing materials which are not excreted, that any slight disturbance of the circulation may at any time cause such a degree of pressure on the brain as to arrest all its functions in an instant. If any one can compre-hend how a blow on the head may de-stroy, instantaneously, the life of the smallest or the largest animal or human being, he ought to be able to understand how a certain force of pressure within the bones of the head (exactly analagous to a blow on the outside) should produce the same effect. Very fat, plethoric, or corpulent per-sons often fall from the table while partaking of an ordinary meal of victuals, and cease to breathe. The shock of a cold shower-bath, the administration of cold shower-bath, the administration of chloroform, or any violent exertion of body or emotion of mind may terminate life in a few minutes. Persons who work their brains much while the bow-els are habitually constipated or the liv-er habitually clogged (and worse, if these conditions co-exist), keep the blood-ves-sels of the brain constantly on the stretch; they become more and more distended and relaxed, until finally a state of permanent or chronic congesstate of permanent or chronic conges-tion is established, and then any excit-ing cause, insignificant in itself, may prove serious and even fatal. A fit of anger, sudden grief, severe disappoint-ment, or any violent passion of the mind or exertion of the body, in this congested state of the blood-versels of the brain, is extremely injurious, and

APOPLEXY. BY A WELL-KNOWN MEDICAL AUTHOR. Ition, that is to say the is much more largely supplied with blood, according to its size, than any other organ in the body, it is more liable to severe and fa-

tal congestions than any other organ in the body.

sensionity; their whole organism seems elastic and buoyant; they enjoy almost everything, and life itself is perpetual pleasure. To exist is to be happy. But not so with persons whose blood recodes from the surface and clogs the internal organs. Every ounce, every drop of blood disproportionately accumulated in the internal organs is a drag upon the system. It becomes, so to speak, a dead weight instead of a life-force. If the liver is babitually overloaded with

their influence, as special causes of ap-oplexy, intelligible. Piethera itself is merely an overfulness of all the capil-comes dispirited, despondent, melan-their influence, as special causes of ap-of the general depression, and he be-comes dispirited, despondent, melan-their influence, as special causes of ap-of the general depression, and he be-comes dispirited, despondent, melanlary vessels, rendering any organ or choly, morose, and perhaps misan-part of the body liable to congestion on thropic. If the lungs are habitually congested, the breathing is not deep and full as it should be, the blood is not properly aerated, and tuberculation is liable to occur. If the head is loaded 22 Lake Street, CHICAGO, Hisbecome the seat of chronic congestion,

Bright's disease, albuminaria, or fatty

"Calm Nature's sweet restorer, balmy sleep." .OBADIHO

Physiologists know how rapidly the brain-structure disorganizes under protracted wakefulnes. Very few per-sons can endure privations of sleep The body. Bear in mind that it is the relative ra-ther than the positive quantity of blood in the different parts and organs of the body that we are to consider in contem-plating the nature and effects of conges-tion. In perfect health the circulation is, of course, perfectly balanced. There is never too much blood in the surface (relatively) except in the forms of dis-ease above mentioned. But, with the great majority of persons—those who do not call themselves invalids—there do not call themselves invalids-there the vital machinery can repair the is too little blood in the surface and too worn and torn organism, are so liable much (relatively) in the internal or- to fatal congestions of the brain and gans.

whose constitutional stamina and habits enlarged liver, or by a rush of blood to are such as to maintain a constant bal- the head, consequent on a late supper sensibility; their whole organism seems physiologically, synonymous terms. But

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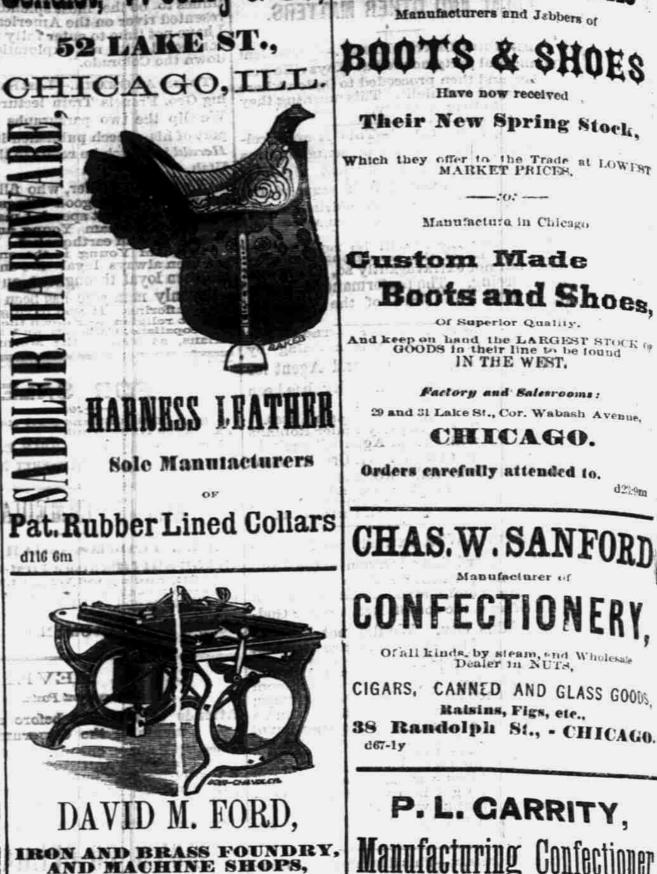
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degeneration may result, elc., etc. The premonitory symptoms (constituting the "forming stage") of nearly all acute diseases are such as indicate congestion

PRACTICAL CONSIDERATIONS. It is not within the purpose of this article to discum the numerous remedies and plans for treating apoplexy that are recommended by physicians and to be found in medical books. But there are not the disease we have adopted, must commend themselves to common sense, while they are always available. Cold applications may be made to the head, and warm ones to the feet, both processes tending to divert the blood from the head towards the lower extremities; an abundance of fresh air should be supplied; in warm weather, fanning the patient is useful. The bowels should be freely moved by means of enemas of tepid water, and if the skin inclines to be hot or feverish, d212.1y it should be sponged with tepid water, and afterwards rubbed gently with soft, dry cloths. If the surface inclines to coldness, hot fomentations should be applied to the abdomen; meanwhile, the head should be moderately raised on pillows (not feathers), and all clothing or neck-ties removed from the throat.

But it is preventive measures to which I wish especially to call attention. And here dietetic reform is the most importhere dietetic reform is the most import ant consideration. It is not necessarily gluttonous or gross feeders who become fat, plethoric, or apoplectic. It is enough that the food be constipating,or mingled with impurities that damage Draggist Papers, Draggist Papers, the blood. Salted pork, fresh ferment-ed bread, old strong cheese, pickled Wrapping Papers, clams, iried eggs, hot buttered biscuits, Tissue Papers, and greasy pastry represent the grosser class of dietetic abominations; while a very free use of candles, confections, pound cakes, muffins, fresh rolls, butter and sugar will produce an equally foul and billous condition of the blood. And on this point all writers, from the most conservative of the "old school" to the most radical of the"Health Reformers,"

