

be massaged and the other treated otherwise. Both the immediate and nitimate obvious results were carefully studied, and finally the muscles, both massaged and not massaged, were carefully examined microscopically. The nerves and blood-vessels in the region of the transmitted and the region of the traumatisms were also examined. The entire course of the experiments extended over a year. The immediate results of massage were a lessening of pain and a diminution of swelling. The latter results were ching attack of the latter results were chiefly an absence of ultimate atro-phy of the parts. The dislocated should be have been shoulder of a dog which had been massaged, ultimately measured 30 centimeters in circumference, while the the opposite shoulder, which had been similarly injured but not massaged, measured only 28 centimeters. The histological examinations of the parts yielded most interesting The muscles of the traumatized region on the side that had not been massaged showed, first, a dislocation of the muscular fibres well marked by longitudinal striae; second, a hyperplasia of the neighbouring connective tissue ; third, a slight enlargement of the muscular fibres; fourth, the sarcolemma was usually found intact. On the con-trary, the muscles of the trauma-tized lized region of the side that was THE massaged were entirely normal. The vessels on the non-massaged side OLLEGE OF showed evidences of a hyperplasis of their outer walls, and the nerve branches near the injury were irri-

tated, and gave evidence of perin-curiti and endoneuriti. On the side massaged both arteries and nerves found normal. These results were found to be constant. SHOULD you at any time be suffering from toothache, try GIBBONS' TOOTH ACHP Charles instantly Al ACHE GUM; it cures instantly. Druggists keep it. Price 15c. Al Toronto for Prospectus.

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FALL TERM OPENS AUGUST 15.

Write to W. A. WARRINER, Bloor Street east



OXFORD PUBLISHING CO'Y, 5 JOBDAN ST., TOBONTO.

Household Bints.

MOCK OLIVES. — Take green plums before they begin to ripen, and pour over them, while boiling hot, a pickle made of vinegar, salt and mustard seed; let stand all night and then drain off the vinegar, and boil again and pour over the

PICNIC NECTAR.-To one quart of new milk add the beaten yolks of two eggs and one tablespoonful of extract of lemon, frothed well. Let it boil up once, remove from the fire, cool, then bottle. Serve in glasses with cracked ice. Make on the morning it is wanted. A large quantity may be made, and part of it flavoured with vanilla if desired.

NEED FOR SLEEP. "The crying need of American women," says a physician whose specialty of nervous diseases brings him in contact with plenty of the nervous type of the sex, 'is sleep. Over and over I tell my women patients : 'Sleep all you can, nine, ten hours every night, and, no matter how much at night, sieep surely one hour of daylight. Many of them reply : 'I don't have time to sleep during the day.' 'Take time,' say I; 'you'll get it back, good measure, pressed down, running over.' Then they 'can't sleep in the daytime.' That is nonsense. They may not the first few days; but very soon, after persist-ently making the effort every day at a certain time, the habit will be formed and will be difficult to break. I believe if the women servants in our houses were allowed a half-hour nap every day, if more seemed impossible, the mistress would find that she was more than repaid in better service. But every woman who can control her time should so arrange her duties as to spend an hour asleep every day. Take it off of something-your fancy work, your reading, your children's clothes, shopping-steal a few minutes from half-a-dozen occupations, and put them into the refreshment which only sleep can bring, and you will be a healthier, handsomer woman, a better Christian and of considerable more use in the world in every way."

GOOD NURSING.-As to cleanliness I do not like to say a word. A nurse should bathe daily, and contrive a screen, and remember what Florence Nightingale said-that one could be clean with a cupful of water and a little patience and desire to be clean. I like much to see a nurse in cap and apron. This neat white dress sets her apart, is a uniform, and gives authority; and, too, I like it because the least spot shows. It is a sort of conscience for cleanliness, and quickly reports untidiness. I thing nothing more desirable than for a nurse to learn to control her emotions, no matter what may occur. Hospital experience is valuable in thus educating a woman. To have a nurse become hysterical is to have her henceforth useless. To be surely ready and unmoved by unlooked for emergencies is perhaps hardly to be acquired. It comes by nature. I once was in a steamboat collision in Holland. I saw at once six Dutch women in hysterical spasms, and one was a Sister of Charity. My American women remained undisturbed, largely because they were of a class taught always to repress all display of emotion, and it is the giving way to emotion which leads to so much hysteria. Be careful therefore. A patient of mine was in charge of wo nurses. At dusk, as they were about exchanging duties, the patient, by an accident I need not stay to explain, swallowed a little weak liniment containing aconite. She cried out that she was poisoned. One nurse went off into hysterics; the other, a most accomplished and interesting woman, said : "Oh, it is weak stuff; I will take a dose myself." So saying, she took a mouthful, and, quickly going into the hall to get rid of it, at once sent for the nearest doctor, and went back to give an emetic. It was really a very weak liniment, and no harm was done. My nurse's action entirely quieted the patient.

Two spoonfuls of turpentine added to the water for boiling clothes on wash day makes them exceedingly white.

MINARD'S Liniment cures Dandruff.



Fagged Out!!

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