

Extract from *Medical Annual*, 1904.—Peroxides of Magnesium and Zinc.—Under the names Hopogan and Ektogan, two new peroxides have been put upon the market. They possess the power of generating, under certain conditions, either ozone or nascent oxygen. Hopogan contains from 15 to 30 per cent. of peroxide of magnesium, $Mg O_2$, while Ektogan contains 25 to 60 per cent. of the peroxide of zinc, $Zn O_2$. In contact with weak, organic acids or bodies possessing acid properties, these peroxides readily give off oxygen, and thus have considerable power as antiseptics and antifermentatives. Hopogan is used for internal administration as a gastro-intestinal antiseptic, while in dermatological practice Ektogan enables us to produce nascent oxygen at the site of the disease. For this purpose it is only necessary to apply to the moistened skin or wounded surface a mixture of dry powdered Ektogan and an acid body. Similarly, the two peroxides enable us to produce, at will, nascent iodine, either for internal or external use. For the former all that is required is to mix the Hopogan with a dilute solution of potassium or sodium iodide. The stomach contents are always sufficiently acid to liberate the iodine in a nascent condition. Frenkel* gives a series of tables, which enables the amount of iodine thus liberated to be readily calculated. For external purposes, the mixture of Ektogan, potassium iodide, and the acid substance is used. The best organic acid is tannin, but tartaric, citric, benzoic and salicylic acids are also suitable, as well as substances possessing acid properties, such as thymol, alum and potassium bitartrate.

NEW MEDICAL WORKS AND NEW EDITIONS.

The following are a few of the new works on press, and which will be published shortly by the well-known firm, Baillière, Tindall & Cox, Covent Garden, London: "Manual of Anatomy" (University Series), by Dr. A. M. Buchanan, Professor of Anatomy, Anderson's College Medical School, Glasgow; "Manual of Obstetrics" (University Series), by Dr. Henry Jellett, of Rotunda Hospital, Dublin; Professor Bianchi's (Naples) "Psychiatry"; "Surface Anatomy," by Dr. J. Gillman Moorhead, of Trinity College, Dublin; "After Treatment of Section Cases," by Dr. W. J. Stewart McKav, Senior Surgeon to the Lewisham Hospital for Women and Children, Sydney. New editions of Jones' "Manual of Diseases of Women"; "The Roentgen Rays in Medical Works," by Dr. David Walsh, Physician to the Western Skin Hospital, London, and Walsham and Paterson's "Hand-Book of Surgical Pathology." Any or all of these books will be obtainable either from J. A. Carveth & Co., Limited, or Chandler & Massey Limited, Toronto.

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