

repeated, which act without inducing appreciable reaction. There is no destruction of tissue to leave a defect, but the tissues are modified and repair proceeds normally, leaving a smooth regular surface somewhat paler than the surrounding tissue, but otherwise normal. The naevus loses its color after the reaction, from six weeks to two months approximately. For angiomatous naevi the exposures are short but frequently repeated, with longer or shorter intervals of suspension at the first sign of reaction. The entire course of treatment in this form may require several months.

Nagelschmidt⁷ confirms the remarkable efficiency of radium treatment of naevi, which he also is far surpasses in effect and convenience to the patient any other measure known. With pure 100% radium bromide a flat capillary naevi is exposed from five to six minutes, cyanotic naevi ten minutes, and protuberant naevi from fifteen to twenty. After nine days a brownish pigmentation is noticed, with slight exudation and scab formation, followed by local infiltration and superficial desquamation for several weeks.

About the fifth week the naevus gradually assumes the characteristics of normal skin.

He does not mention that he had employed screens between the pure radium and the skin, and consequently the soft beta rays may have created a greater degree of inflammatory action than would have occurred had the Wickham method been adopted.

Conditions which have been cured or benefitted by radium are numerous. Epithelial cancers, superficial ulcerative or non-ulcerative epitheliomas with dry surface, cutaneous ulcerations which show the character of malignancy and a tendency to extension—rodent ulcer—epithelial cancers which have undergone large surface ulceration, cancers of the mucous membrane, keloids, angiomatous tumors, pigmentary naevi, tuberculous of the skin, eczemas, psoriasis, angiodermatoma, lichen planus, acne rosacea, syphilis, varicose ulcers, papilloma, vegetations. In lupus also some appreciable advance has been made.

Radium has also been used with benefit in certain cases of exophthalmic goitre, and the gynecologists of Paris are now making use of it in selected cases of cancer, uterine fibroids, uterine hemorrhages and metritis.

Radium may be said to rank as a "specific" in a certain sense, because erratic cell growths which constitute some types

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