

well as the loss of color of the angioma, which, after their giving way, have sometimes retained a surface contrasting only slightly in tint with the healthy tissues in the same region.

We have a whole series of water-colored photographs, the greater number of which deal with children; several angioma were genuine monstrosities. Every tumor, whether expanding or malignant in any degree, has benefitted very largely from this use of "dry" methods in the radio-active treatment.

But the specific action of radium is not limited to cancerous and angiomatous tumors. There is another variety of tumors, the cheloidian, which also derive benefit from it. In fact, without visible reaction, enormous cheloids may be made smooth, and the truly turgid appearance of certain complicated scars made by cheloids disappears, to be replaced by a flat scarred surface, much easier to conceal. Moreover, the specific action of radium has caused much of the pain which ordinarily accompanies cheloids to disappear.

Some water-colored photographs show the cure of these tumors by simple dissolution.

Such are the different observations which led us to communicate to the Académie de Médecine, on May 26, 1908, in the course of our report on the treatment of faulty scars, that cancerous, angiomatous, or cheloidian tumors might be united in the same group as far as the specific action of radium is concerned.

However, there is a whole other class of diseases in which radium may act as a specific.

Last year, at a session of our Congress in Paris, we placed before you an article written in collaboration with M. de Beurmann on the use of radium in certain diseases of the outer skin, inflammatory and pruriginous, which had as its aim the introduction of the analgesic action of radium.

Our later observations have merely strengthened our first conclusion. In fact, it is without determining the secondary inflammatory reaction that these affections must be treated. By applications of very short length, from one to three minutes a sitting, from a large and powerful apparatus, we found ourselves able to cure, without irritation, chronic eczema, lichen, neurodermititis, localized pruritus, and superficial neuralgia, especially that which follows the shingles.

Certain results were especially convincing. Here is an extract from an article which appeared in *La Clinique*<sup>8</sup>:

"A baby a year old was suffering from a bad case of pruriginous eczema, which, to its parents' great despair, had spread over its whole face and scalp. For six months, without any suc-