

appeal. As for double monsters, one rarely encounters them in the ordinary course of professional life, and if one does, there is nothing for us but to conduct them to the nearest museum, and as for twins, there is no call for us to interfere with what Providence in His abundance sees fit to send. At most the only variation from the ordinary that they entail upon us, is that, if I mistake not, we undertake two deliveries for the one fee, with no appreciation on the part of the male parent of the generous and forbearing nature of our act. Let me acknowledge with set purpose and of malice aforethought, if you like so to term it, I have carefully chosen the subject which, on the face of it, seemed furthest remote from practical bearing, just because of my belief that those attending this Association do not come purely for the purpose of acquiring tips, but because of their interest in all medical advance. Contrary to appearances, it has a very direct bearing. A study of the principles underlying double births leads directly to a fuller understanding of the phenomena underlying tumor growth, and a right grasp of the nature of cancer is the most serious problem before us at the present time; all this I hope to demonstrate in the paper I am giving in the pathological section. Here I shall confine myself to an attempt at a description and classification of the main forms of double growth.

The rest of Dr. Adami's address consisted so largely of a demonstration, by means of the lantern, of different orders of twins and double monsters, that without abundant illustration it would be impossible to render his remarks clear to the general reader. Briefly he discussed the previous theories enunciated regarding the mode of origin of twins and double monsters, pointed out wherein he considered that these theories were imperfect, and suggested a theory that he had been led to develop by study of the problem extending now for many years, which he would term the "growing point" theory. He holds that the development of the embryo from the first appearance of the gastrula stage, up to the stage of development of the medullary groove, and appearance of the first indications of the cerebral vesicles—up to the time, that is, of the laying down of the matrices of different parts of the future organism—is of a nature identical to what occurs throughout life in the plant, namely, that growth in length occurs by the giving off of cells backwards from a superior and inferior growing point respectively. The mode of development of the bilaterally symmetrical embryo demands that there be not a single apical growing point cell, but