

there is no doubt that the laws of Analagous formation, in the several structures of the body, are obscured with doubt and confusion.—It is clear however that the blastema, in which is produced or generated, all the variety of cell formations, both normal and abnormal, is a product of the blood, effused from its vessels—and the question to be decided appears to be, whether the white corpuscle of the blood escaping with the blastema, that circulates in each different structure, is the true exudation corpuscle—or if within the blastema escaped from each structure, we have a cell nucleus capable of generating its like in the new formation. The strict conformity of some morbid products, such as pus, which is the same in every variety of structure, would lead us to believe that the difference consisted in a change of the exudation corpuscle rather than the escape of these cell-nuclei, for if such was the case, these must exist in the blood of every individual structure as a primary element perceptible to the microscope—this is not consistent with the fact, for the blastema was but a few moments before, part of the *Liquor Sanguinis* passing to, and indiscriminately nourishing all the normal structures of the body without giving rise to any such formation as pus.

There is one fact which may in some degree serve to explain the difference of Pathologists respecting the formation of the pus-corpuscle from the white globules of the blood, is that these, with a good microscope may be seen to be of various sizes in the normal condition, hence in the *Liquor puris*, we should expect to find pus-corpuscles in different stages of development, consonant with this curious fact—and so we find them.

Suppose the disease should still progress, the arterial excitement already spread to the other textures of the joint—these now participate in the inflammatory action. If it has extended to the capsular ligament, the amount of pain is greatly increased, and its nature is considerably changed, it is the dull sickening ache of the fibrous tissues; could we observe the appearance of the ligament it would be seen of a pink colour, like the sclerotic coat of the eye, for now its capillary vessels carry red blood. So also will the cartilages of the Joint participate in the Hyperœmic action, the vascular structure from which it receives nourishment, becomes distended with a denser fluid, that causes the fibrous portion of its structure to swell, fills its cells to their utmost extent, and may be one of the principal causes of the elongation of the thigh in acute inflammation of the Hip Joint. The inflammatory fever is now extreme, the pain also becomes insufferable, so that the least movement of the joint causes excruciating suffering, and the patient instinctively and rigidly maintains one position, he cannot bear even the least change of his pillow, even the rude walking