

to use and appreciate, and which have justly entitled them to be called the founders of modern physiology and pathology. Hunter and Bichat represent the turning point in medicine from idealism speculation and theory, to accuracy and close observation. From that time to this the progress of medicine in all its branches has been of the most gratifying character.

Although it is true, as Tennyson says, that

"Science moves but slowly, slowly creeping on from point to point," yet as we look back upon the past one hundred years we find that its march has been one of extraordinary rapidity. During this period more of nature's great resources have been discovered, and more of her secrets mined out, than ever before. A thousand doubtful suggestions have ripened into facts, medicine has been enfranchised from superstition, quasi-charlatanisms, bald empiricism and speculation, and has developed into a symmetrical science, studied by the same methods and the same appliances as they are, and like them has been planted upon the solid basis of fact and demonstration.

Pathological anatomy, through the early labors of Morgani and Baillie, and later through the researches of Rokitansky, Cruveilhier, Virchow, Recklinghausen and Conheim has become a fundamental branch of medical science. Obstetrics, rescued from the hands of ignorant midwives, has been with its allied branch gynæcology, raised to its legitimate position as a science. Preventative medicine and hygiene, cultivated to an extent previously unknown, have prolonged the average of human life. Organic and physiological chemistry have been substantially created, and achieved important and brilliant results. Physiology has grappled with the abstruse problems of structure and life, and has revealed so much as to make timid people tremble at the audacity of its efforts. The reflex action of the nervous system, by its thorough investigation, may be ranked next in importance to the discovery of the circulation of the blood. The secrets of digestion and assimilation have been disclosed. The interior of the chest has been laid open to examination, so that the condition of the lungs and heart can be marked out with an accuracy like that with which the engineer marks out the topography of a mountain. The microscope has penetrated the secrets of structure and tissue. The spectroscope has traced the