

we have arrived at our present knowledge? Not for years and years. It was not until experimental research was made upon the functions of the brain and spinal cord that any sure knowledge was gained of those functions. And certain it is that our great English operators upon the brain and spinal cord, men like Macewen and Horsley, owe the knowledge they possess of the localisation of nerve centres to the researches of Hitzig and Ferrier.

But, ladies and gentlemen, I might continue far into the night recounting the triumphs and prospective triumphs of the modern pathology. I should like, for instance, to tell you how experiments of a purely academic nature into the functions of the sympathetic system have thrown a flood of light upon the symptomatology of that curious disturbance known as Graves' disease; I should like to tell you how, step by step, investigators like Horsley have worked out the relationship between disorders of the thyroid gland and that remarkable malady described first by Ord and known as myxœdema, until only recently Dr. Murray of Newcastle has discovered that cure may be brought about by injections of the juice of this gland taken from the sheep. But were I to continue, I should, I fear, thoroughly exhaust your patience. No matter how eloquent facts may be—and I have striven throughout to let the facts speak for themselves—there comes a period of mental repletion. I have already given you a sufficiency of facts in this brief review for you to judge of the greatness of my subject, of its high aims, of its noble achievements.

It may be that there are some here present who, through the silence of our profession when attacked by agitators, through ignorance of the facts, and through pleasant cultured habits of life and absence of contact with the huge mass of human suffering, have, until now, in the words of a friend of mine, permitted the philozoic sentiment within them to overpower the philanthropic, and who, thus far, have regarded vivisection and animal research as utterly degrading, if not, in the words of a gentle English divine, as "positively hellish." I ask such, if any there be, to seriously reconsider their position. All the progress that I have