

knowledge, sympathy, and honesty. Industry is pre-supposed, just as one cannot conceive of a moving mill-wheel without a stream. The first-named of these needs little comment. Robust health is an absolute requirement for all who would attain the foremost ranks in any strenuous profession. No one but a strong man can bear the burden of a really busy professional life. Health, however, means more than a mere capacity for endurance. Upon it depends, to a large extent, the actual quality of the work accomplished. Sound health does much to ensure an equable mind, a prompt judgment, a disregard or unconsciousness of worry, and generally that serenity of disposition which characterized the fishermen in Isaac Walton's pastoral. The operator who is engaged in a serious procedure, and who is "out of condition," may be somewhat of a menace to his patient. He soon tires; he is apt to be fussy and emotional, to be readily upset, to drift between vacillation and obstinacy, and so become both physically and mentally unsteady. With regard to the second point, special knowledge is an obvious essential, and when that knowledge has been perfected by experience he who can claim it becomes a power among men. A highly cultivated particular knowledge is indeed a mighty possession, as well as the surest means of securing the world's confidence. To be of the fullest service it must be supplemented by an intimate knowledge of mankind, a phase of learning which is to be derived from no text-book. The anatomy and physiology of man, as a social being, are subjects hard and slow to learn, and the acquiring of this cult is not aided by what may have been learnt in the dissecting room or the laboratory. The beginner soon discovers that a recognition of all the points of a man's armor teaches little as to the wearer's temper, tastes, and idiosyncrasies. He also becomes aware that in the mathematics of life there is no factor more important than the personal equation. In medicine as in allied pursuits this extra-academic lore, which can be represented by no University degree nor tested by any system of inquisition, undoubtedly plays a singularly important part. Among the accomplishments of the most learned it may be the one thing lacking. The neophyte is in the position of one who has learnt of a country by the laborious study of maps. However elaborate such maps may be, the landscape remains vague and colorless until its high-ways are actually traversed and its hills and valleys open upon the eye. The successful physician is a finished student of men, an augur, a reader of signs. He constructs the individual from closely observed fragments, just as the paleontologist builds up a Saurian from fossil scraps. "Ex pede Herculem" involves an effort in inference which such a man would leave to the simple, for he could fashion even Omphale out of far less substantial relics.