

us to remember how our life is but a vapor, capable of being dissipated by apparently insignificant causes. Imperfect bodies are alone amenable to pathological action; perfect bodies having no foreign affinities. Wherever the enamel is imperfectly formed at the junction of the denticles that constitute the tooth, and leaves open fissures at these locations, I would advise the removal of all the imperfect portion, and even some of that that is well formed, if necessary, to secure a good cavity in which to impact the gold, the form of which I would prefer to be heavy foil—Nos. 8, 10, 15, and 20. It is fashionable to fill with gold now, but the material is not so important as the manner of using it. Any indistructable matter that agrees with the ghost or typical form of the tooth, properly used, should preserve it indefinitely. He had never filled teeth so satisfactorily to himself as in 1869, because the range of his preception was larger, and the means more extended and more readily obtained; the principle of which is heavy foil, and the lead mallet, ranging from 4 to 12 ounces in weight. We often hear one dentist complain of the work of another; but no one is clear in this matter so long as he has the painful or pleasing recollection of the like ignorance of which he complains in another. We are all making advances, and elevate our standard as we advance; hence that which was once excellence is now inexcusable blundering; but many have the happy faculty of forgetting that they ever blundered or fell short of their present high standard. The daily prayer of my life is that I may be able to do no more mischief, do all the good possible, and be the highest expression of dental knowledge and skill on the planet; and I would to God that every one in this presence would heartily and honestly make the same prayer.

There is no pure expression of physiology on the planet except in the mineral kingdom. All former definitions of a cell are a *sell*. The same productive process obtains in a nucleus as in a cell; that which is necessary to a nucleus, or a nucleolus, or any other body capable of being seen, or the unseen elements out of which these are composed, and are capable of conception, but not of perception, are all endowed with three essential elements—centre, surface, substance. The machinery of sense can only produce an image or impression which is capable of being perceived by the sentiency which is behind all his machinery.

Dr. Buckingham. What is a nucleated cell? Describe it.

Dr. Atkinson. A nucleated cell, to be understood, must be com-