

the mental development of these young animals. Now, as was pointed out by my predecessor in this research, in the animals that are born in a very defective condition, blind and deaf for example, the cortex does not respond to electrical stimulation, and Fleischig has since shown that myelinization of the brain is very incomplete at birth, so that the infant's brain is at birth an imperfect one. What I would like to know is if a young child, say less than a month old, can have tetany. If he can, then it cannot be an affection of the centres, but the immediate cause must be a condition of the peripheral nerves, if we are correct in referring the condition to the nervous system at all.

D. J. EVANS, M.D. I have never seen a case of tetany in an infant under a month old.

The fourth regular meeting of the Society was held Friday evening, November 19th, 1909, Dr. W. Grant Stewart, President, in the Chair.

LIVING CASES: RADICAL MASTOID OPERATION.

W. H. JAMIESON, M.D., and E. H. WHITE, M.D.

G. H. MATHEWSON, M.D. I also would like to congratulate our colleagues of the Royal Victoria Hospital and to point out the excellence of the scar behind the ear which results from the fact that now-a-days we do not leave the skin incision half open as was done previously, and is still done on the Continent, but sew it up completely and treat the wound through the external auditory meatus. The result is that you get a nice clean scar and have all the drainage you need through the external auditory meatus.

I exhibited two cases some years ago. In one I removed the matrix and in the other I did not. One case had shown prominent labyrinthine symptoms and in that case I removed the matrix. In these operations one cannot go too deep, and I simply curetted the place where this cholesteatoma was lying and got as much of the matrix as I could. I also did skin grafting in this case, which did not take very well though the ultimate result was excellent.

R. H. CRAIG, M.D. I wish to congratulate Drs. White and Jamieson upon the successful result of their cases. I did my first radical operation upon the ear nine years ago, and placed it on record before the members of this Society. I have had the opportunity of doing many radical operations since that time, but if possible I prefer to preserve the ossicles and do the so-called Heath's operation and thus preserve as much of the hearing power as possible. Of course where cholesteatoma is present, the radical operation is