

1. The Fissure of Rolando communicated with—
 - a. *Fissure of Sylvius*, in 3 completely, in 7 incompletely.
 - b. *Frontal sulci*, complete in 12; incomplete, 9.
 - c. *Inter-parietal sulci*, complete in 7; incomplete, 9.
2. The Fissure of Sylvius joined—
 - a. The *F. R.* [see above.]
 - b. The *frontal* in 20.
 - c. The *inter-parietal*, complete in 26; incomplete, 8.
 - d. The *1st temporal*, in 15.
3. The *Inter-parietal* united with—
 - a. The *F. R.* [see above].
 - b. The *F. S.* [see above].
 - c. The *parieto-occipital* in 18.
 - d. The *horizontal* or *sup. occipital* in 14.
 - e. The *1st temporal* in 19.
4. The *Calcarine* entered the *scissura hippocampi* in 25.
5. The *calloso-marginal* joined the *par.-occipital* in 1.
6. The *parieto-occipital* joined—
 - a. The *inter-parietal* in 18.
 - b. The *horizontal occipital* in 3.

From these limited observations we may conclude—

1. That a considerable proportion of the brains of Hospital cases are of the confluent fissure type.

2. The chief difference to be noted between Prof. Benedikt's series of criminals' brains and those which I have just gone over is the somewhat greater number of unions between typical fissures, more particularly between the *fis. Rol.* and contiguous ones. Thus in his set this fissure connected, completely or incompletely, with the *fis. Syl.* in 24 instances; in my series in only 10. In the other fissures the disproportion is not nearly so great.

3. Considering the number of brains of ordinary Hospital patients which present in some degree the confluent fissure type, it would seem more reasonable not to assign as yet any special significance to it until we have fuller information about the arrangement of the convolutions in the various races, and until a much larger number of the brains of criminals of all countries have been examined.