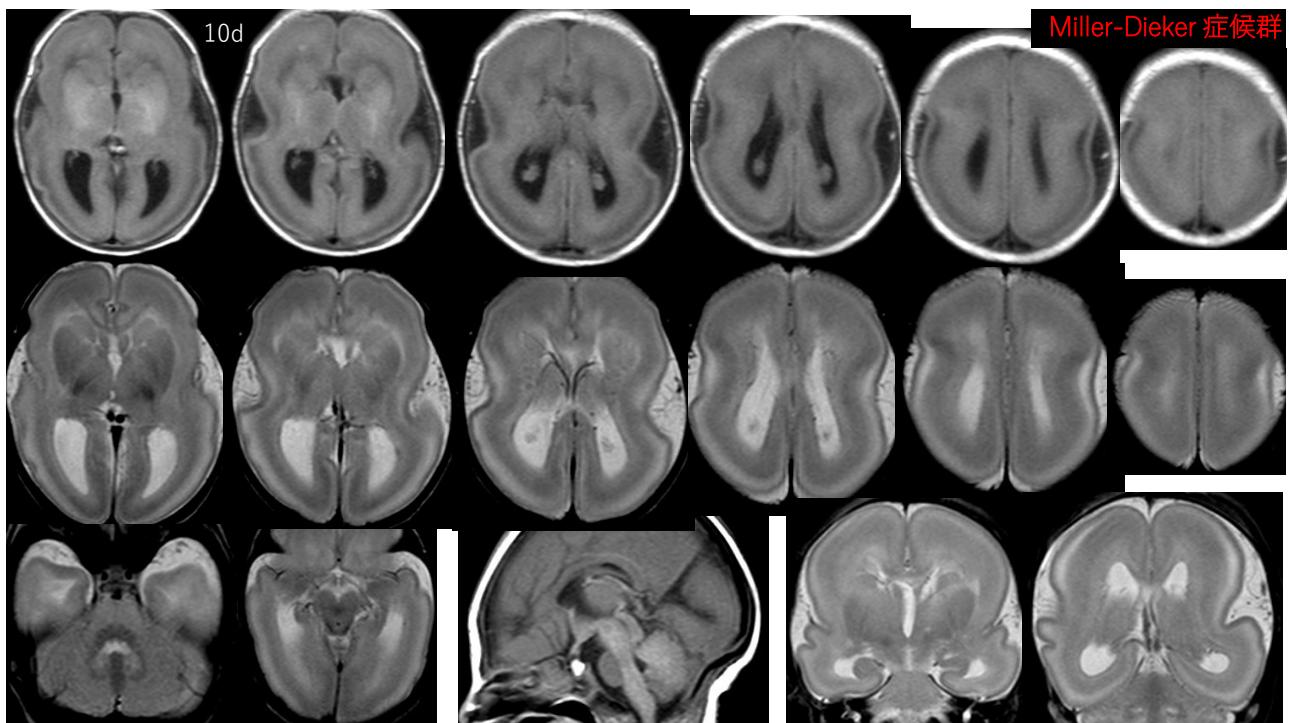


脳回形成異常の運動症候 -再考-

横地健治



1



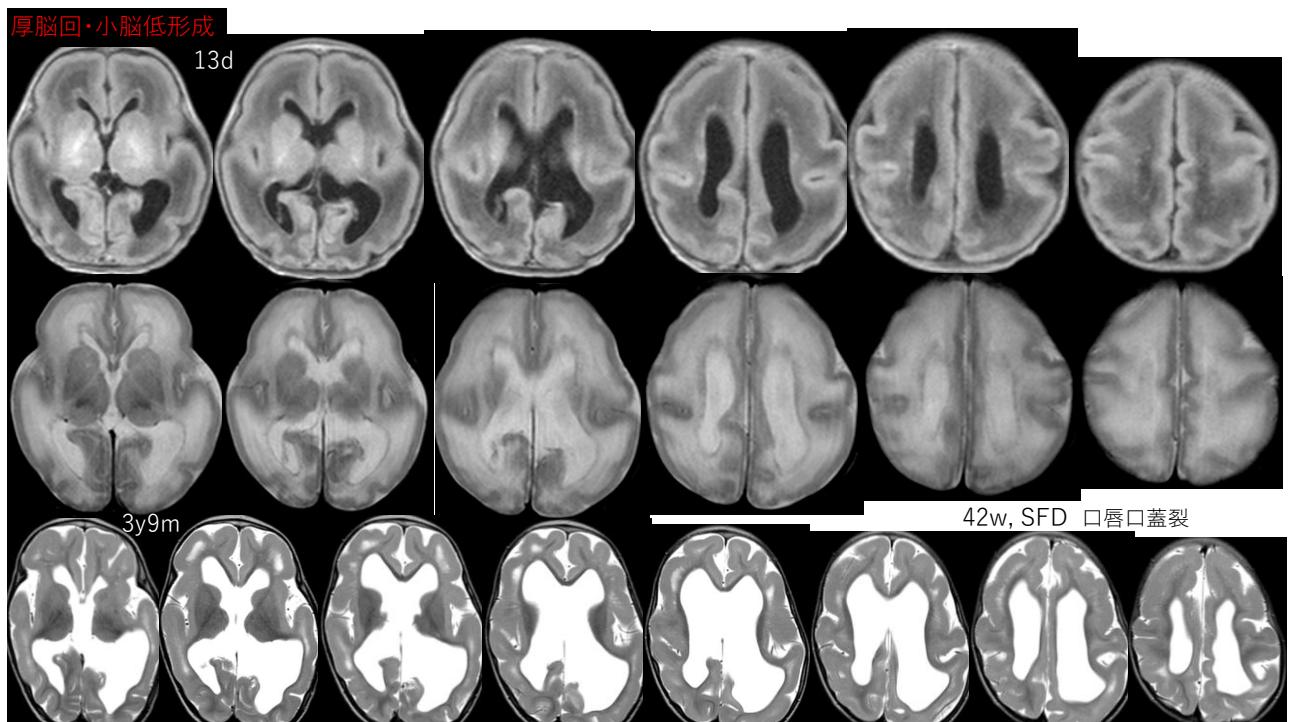
2

1



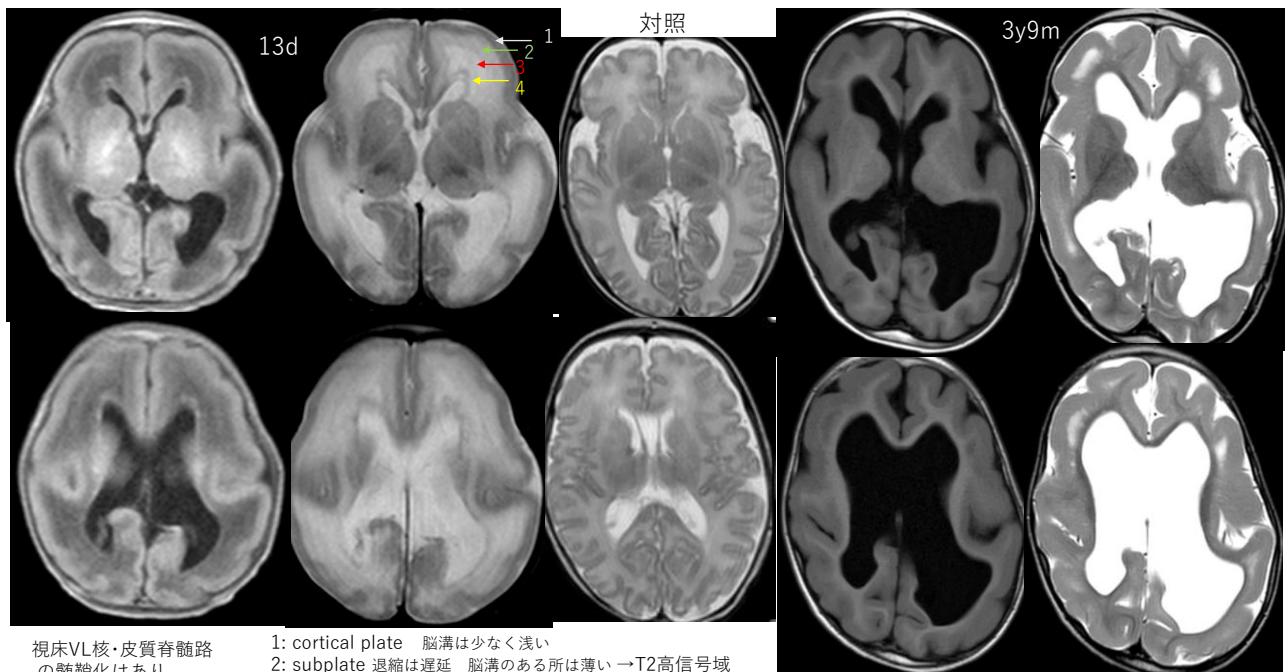
- 股屈曲過活動・股伸展荷重制限
- 優勢筋の過活動 *対抗運動は不可
・反りは股屈曲過活動
- ✓ 反復増悪性筋過活動状態
- 基盤筋活動過活動・対抗運動(-)

3



4

2

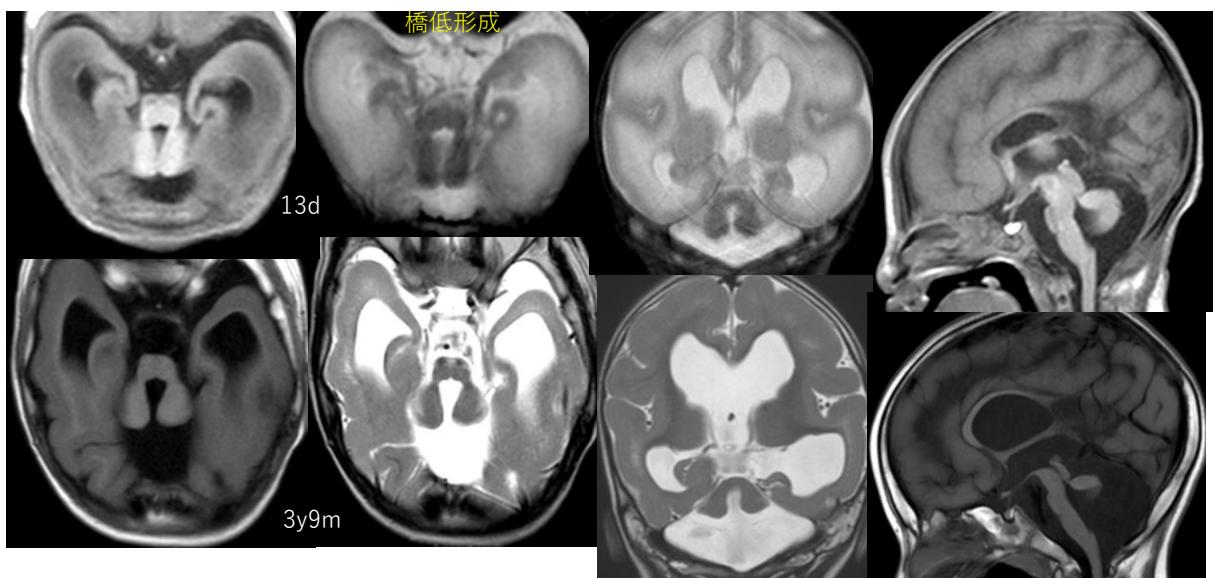


視床VL核・皮質脊髄路
の髓鞘化はあり

- 1: cortical plate 脳溝は少なく浅い
- 2: subplate 退縮は遅延 脳溝のある所は薄い → T2高信号域
- 3: intermediate zone (IZ)
- 4: 側脳室壁隣接部線維(callosal fiber他) + 遊走細胞残存領域

脳溝は深くはなっているが、数は増えず

5



- 中小脳脚小脳半球系無形成
- 虫部無形成
- ✓ 下小脳脚系の過形成

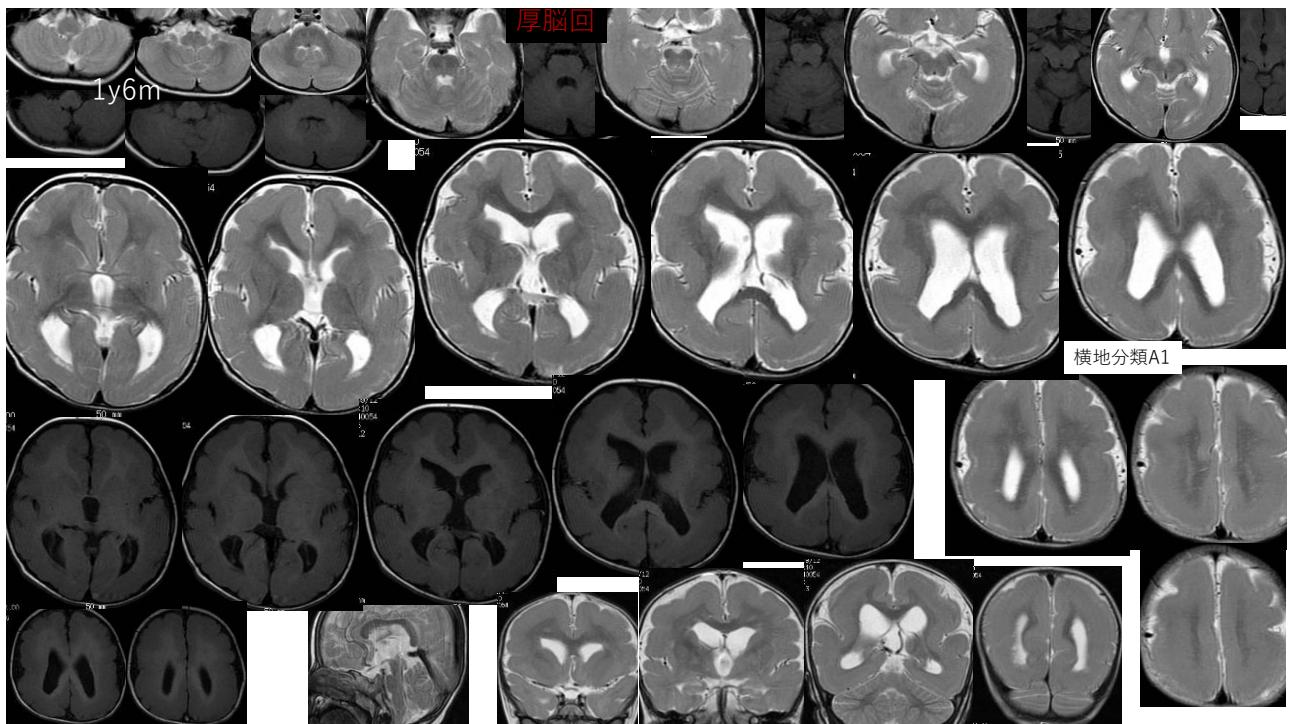
6



- ・強い股膝屈曲・肩の退け・頸部後屈

- ・股屈曲過活動 強い
+ 頸後屈・肩の退け
- ・優勢筋の過活動 *対抗運動は軽度
➤ 基盤筋活動過活動・対抗運動(-)

7

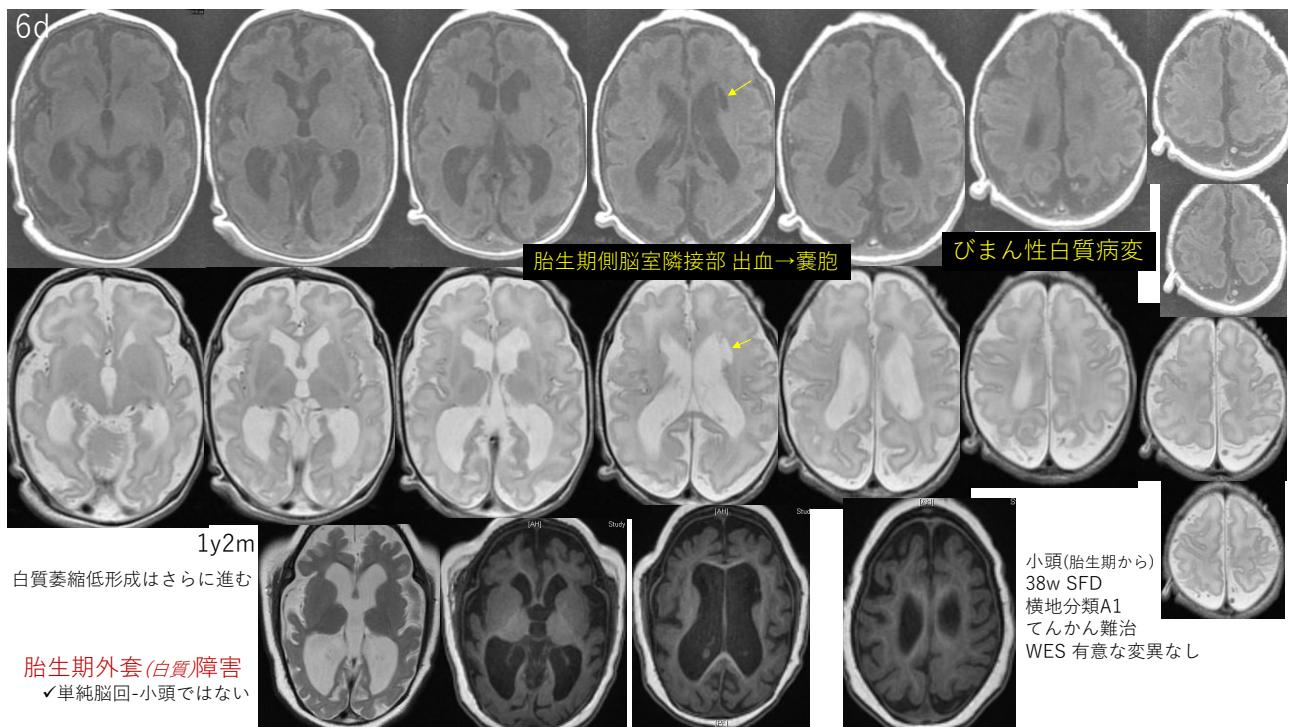


8

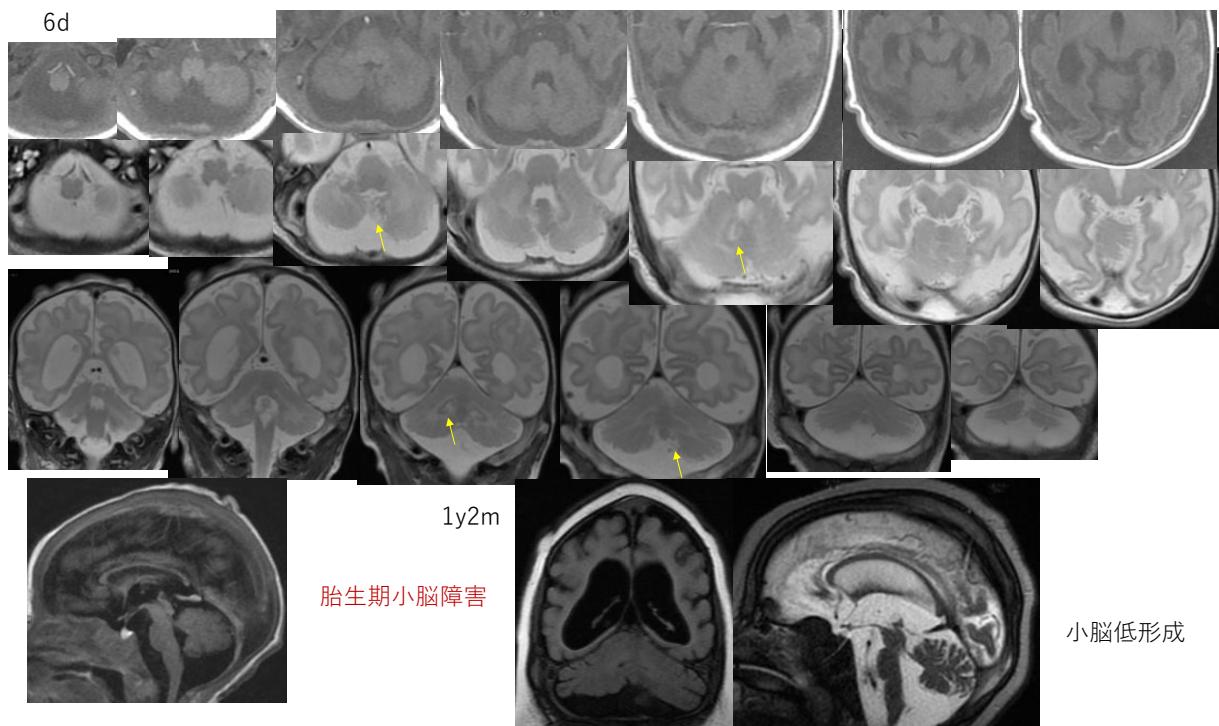
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9



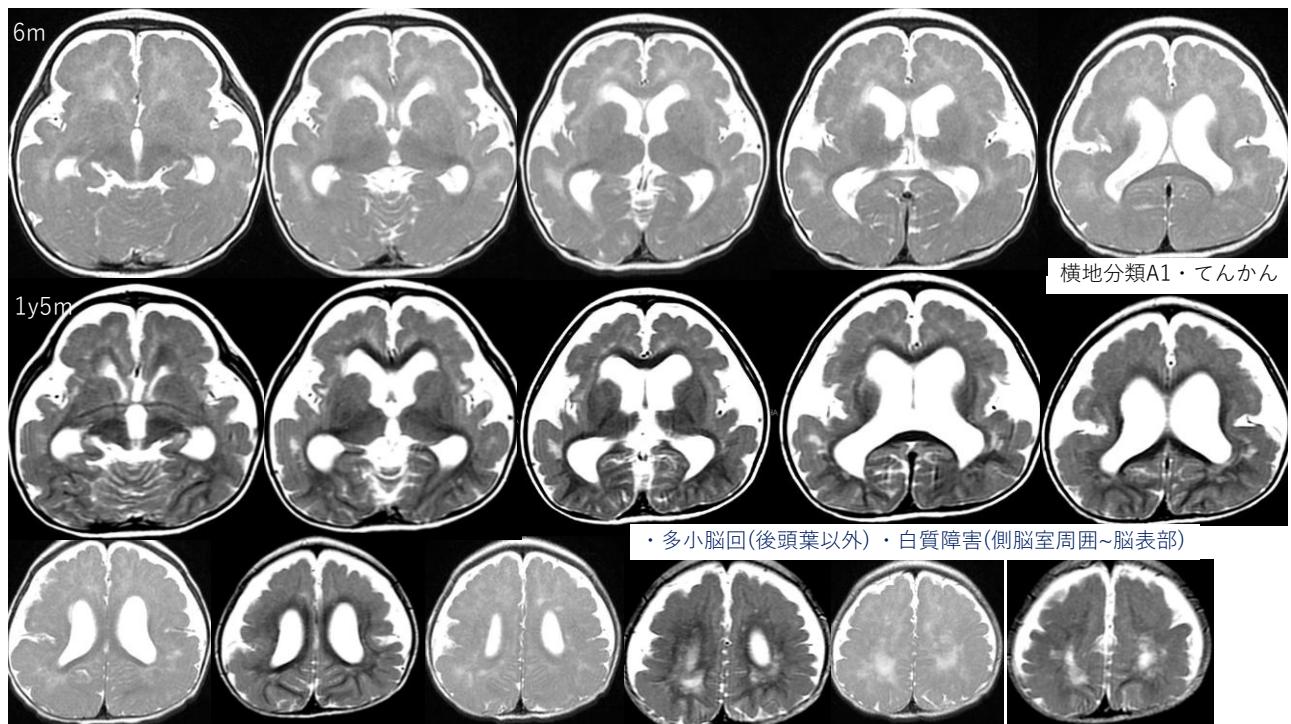
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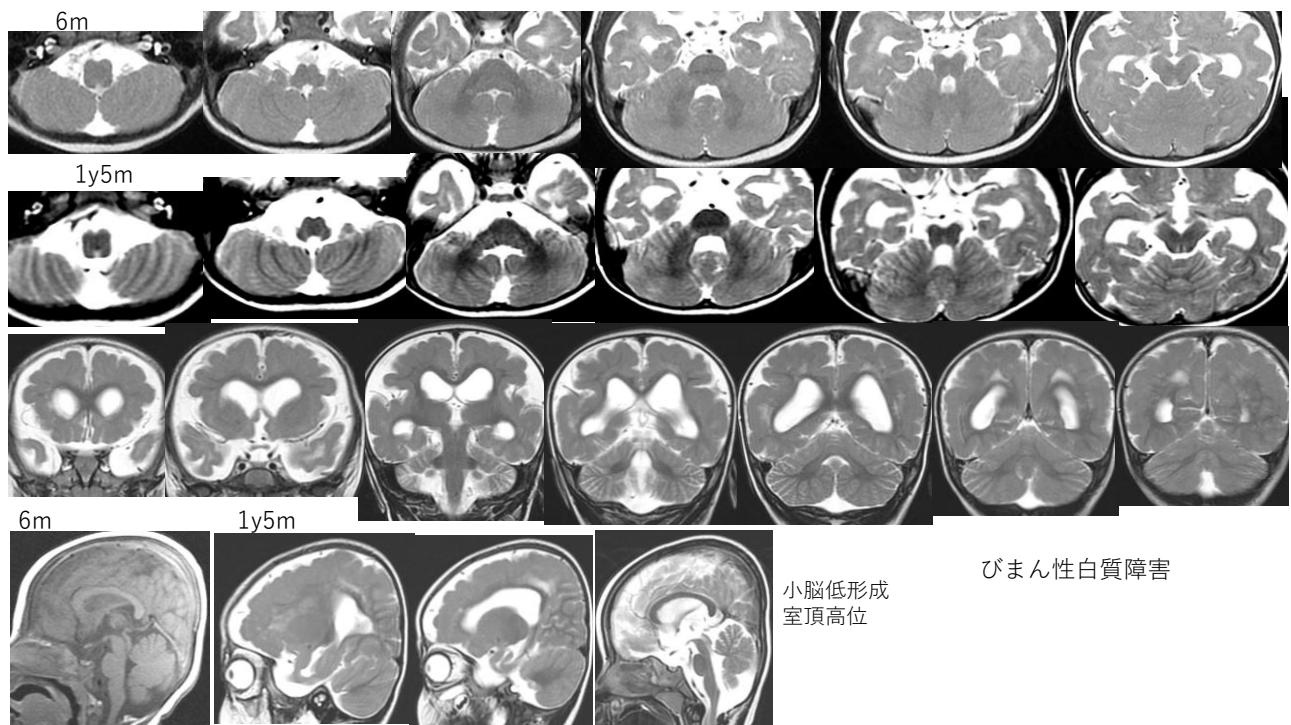
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12



13

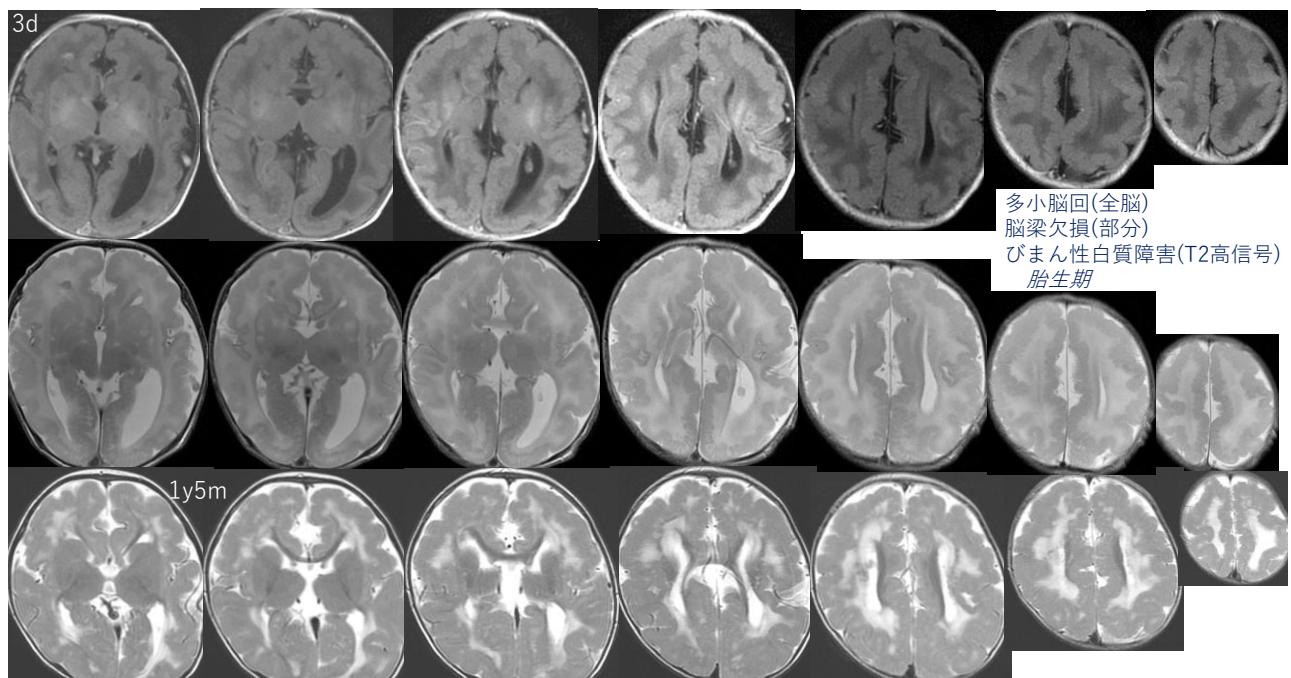


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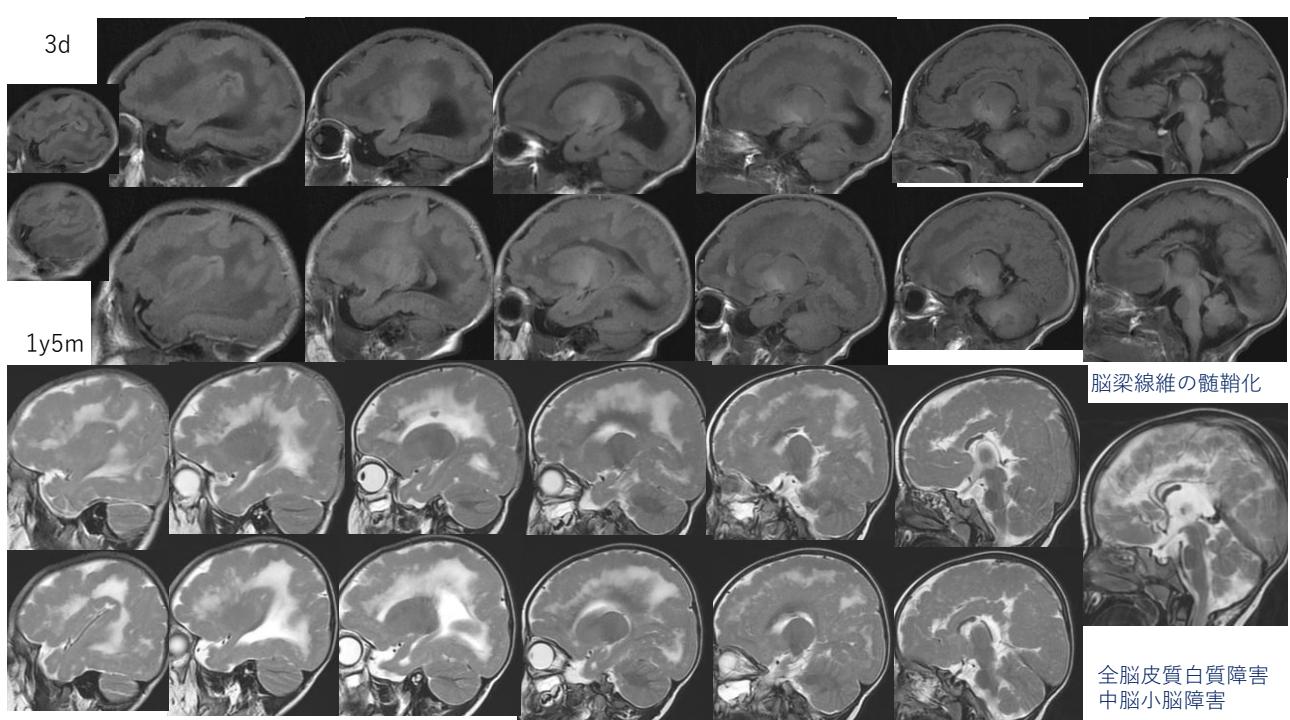
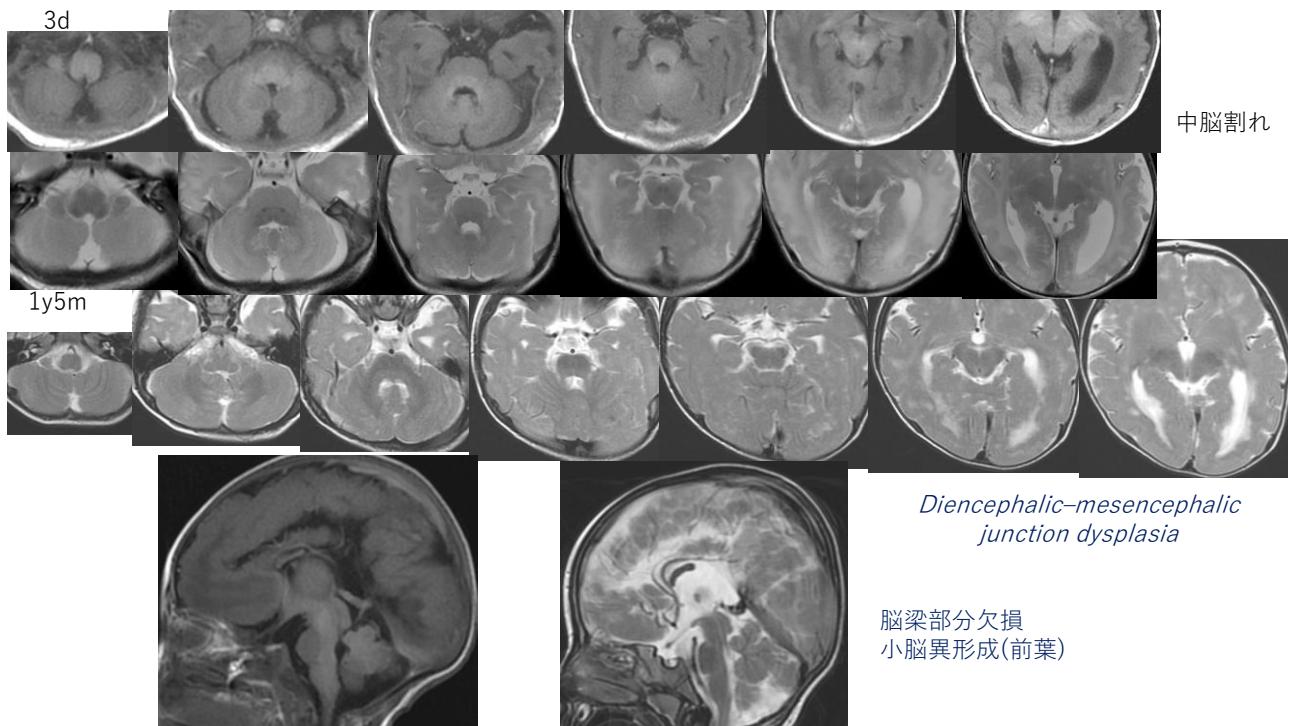


15

胎児期から脳梁欠損あり 周生期著変なし 4mから眼振? 座位1y8m、つたい歩き4y3m 重度ID WESは出ず



16



18



19



20

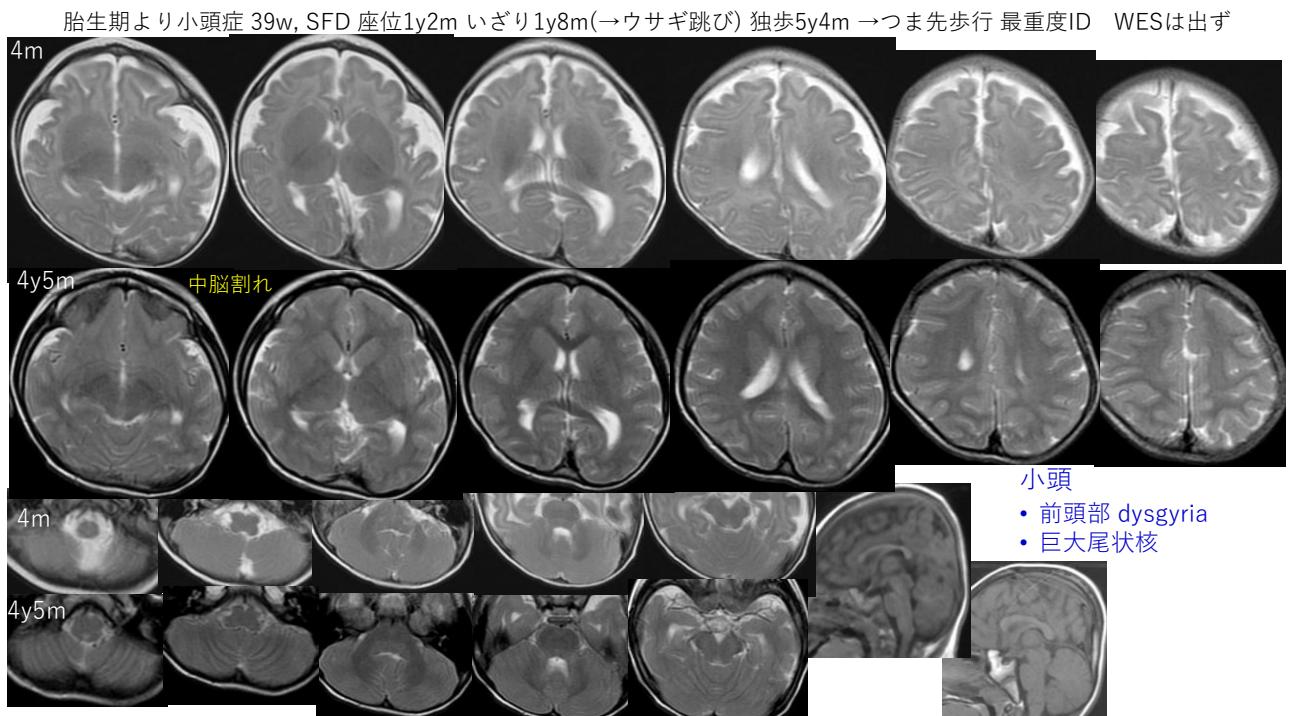
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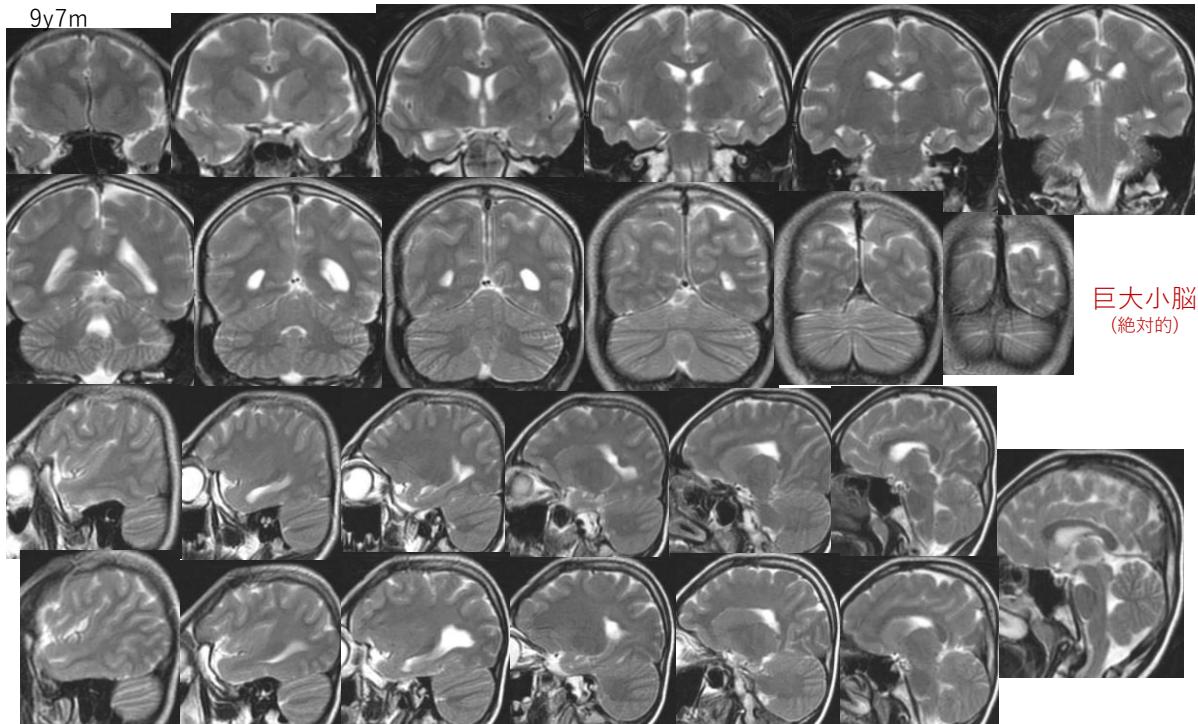
身体揺すりは早産不随意運動に似る

- 股屈曲過活動
- 股伸展荷重制限
- 反復交代性全身運動

21



22



23



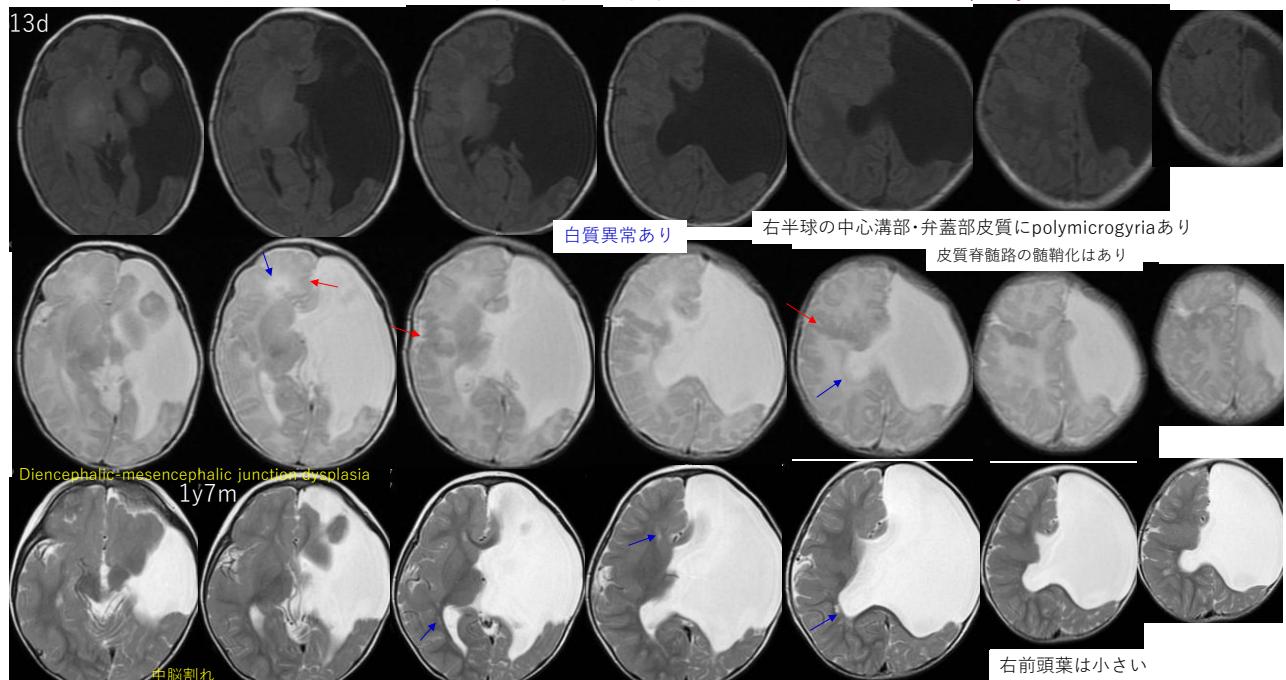
24

12

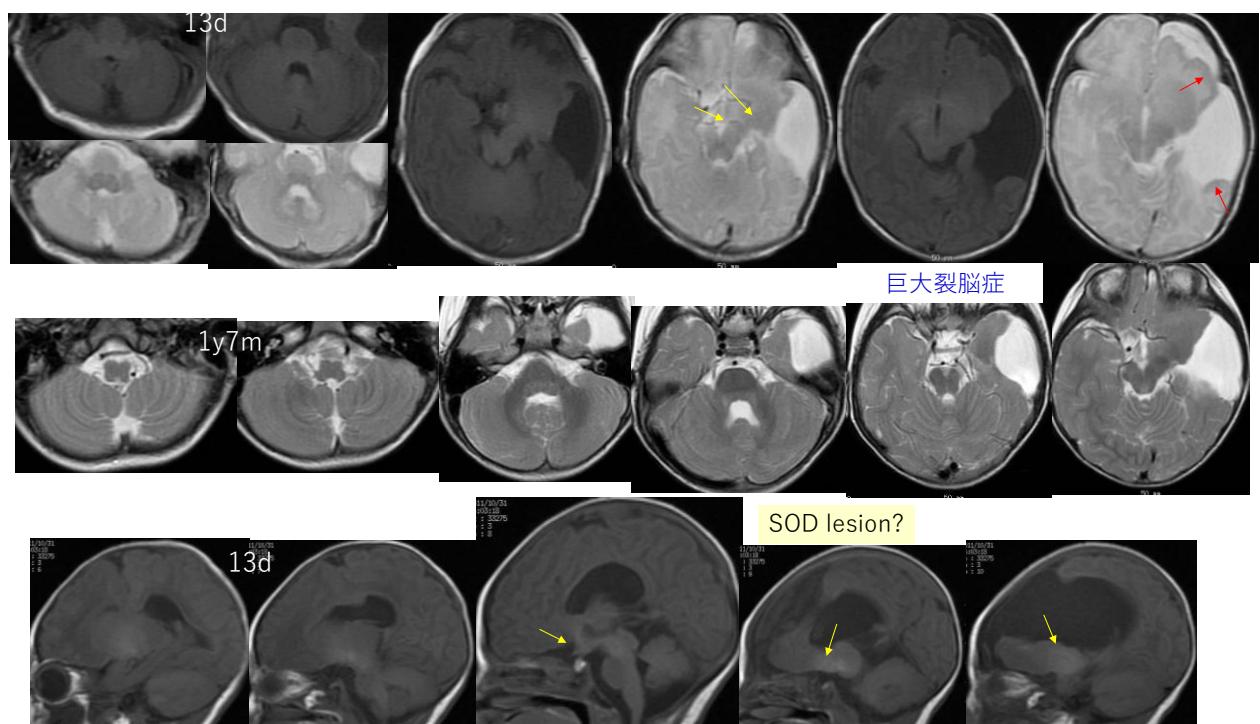
座位までの運動発達。3歳代の発達年齢

septo-optic dysplasia (SOD)

Schizencephaly?

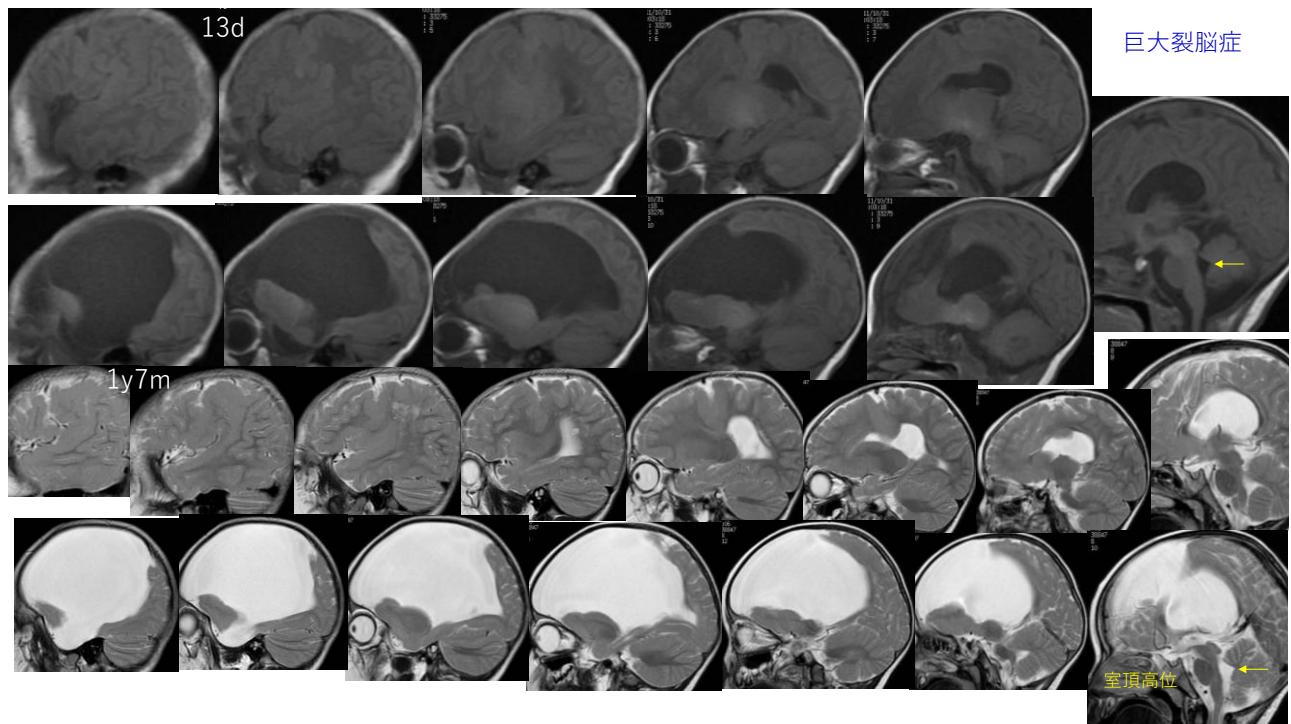


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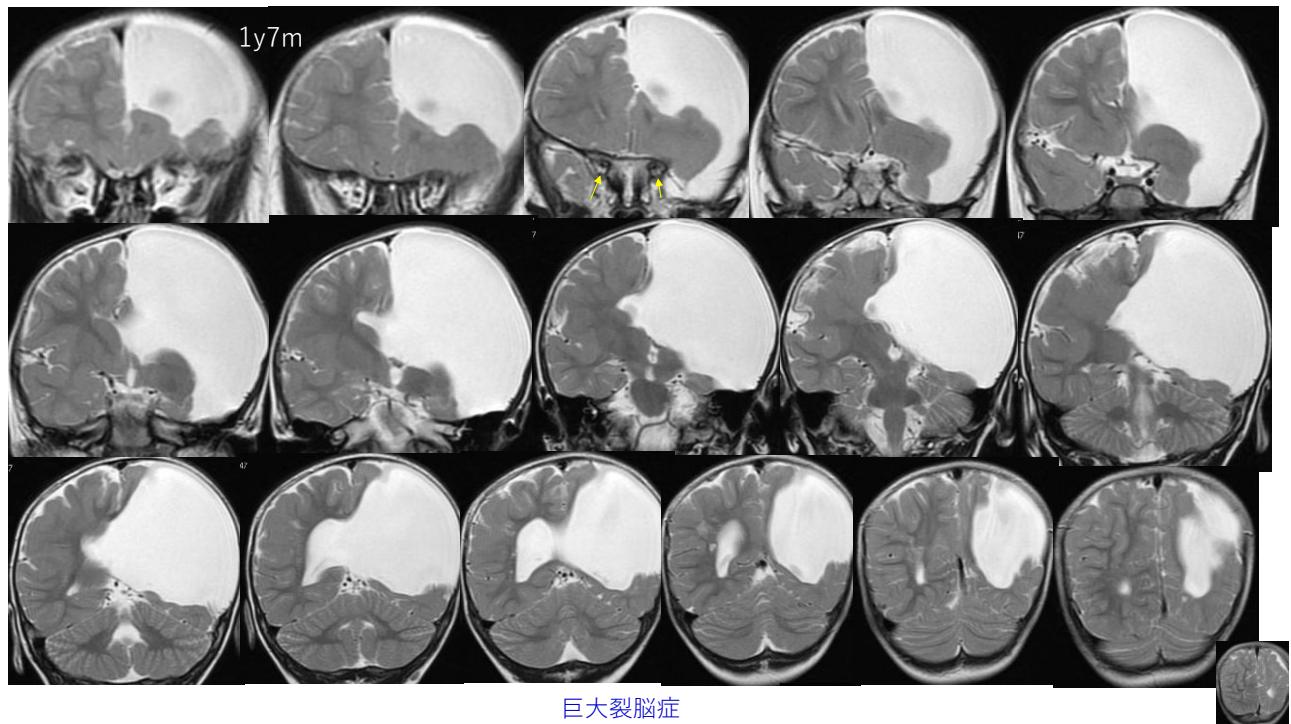


26

13



27

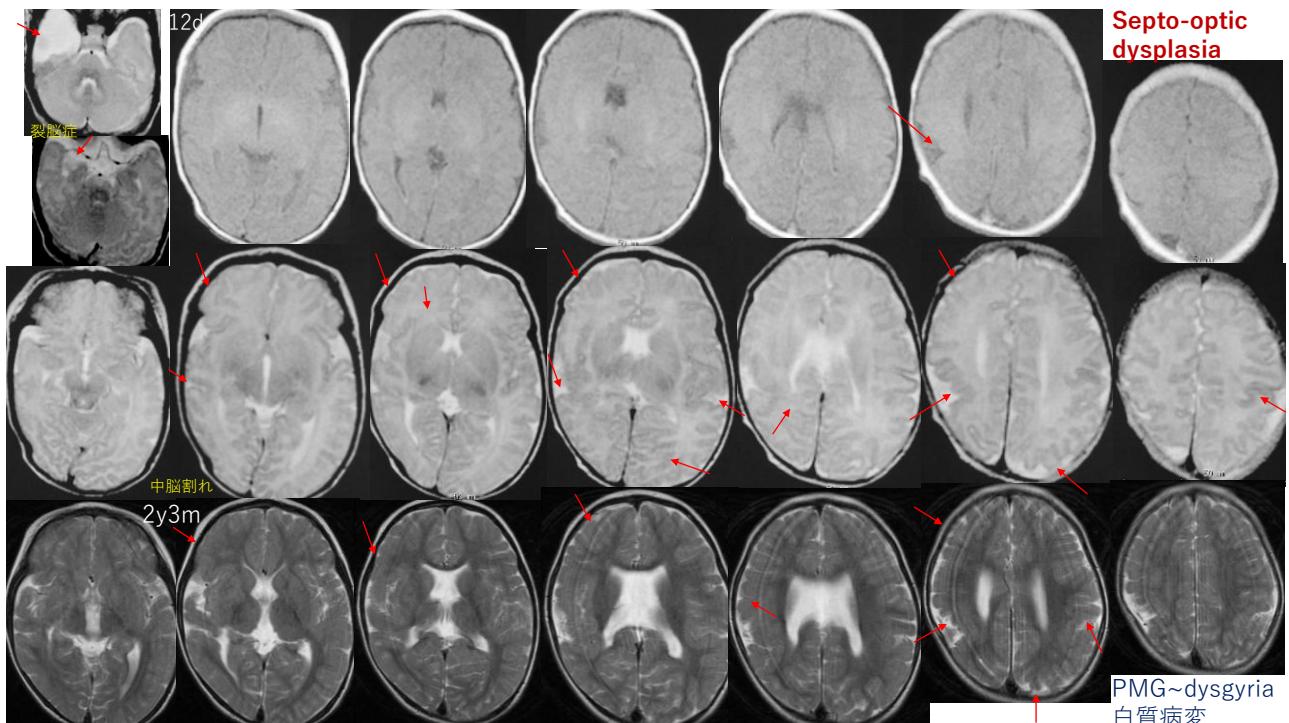


28

14



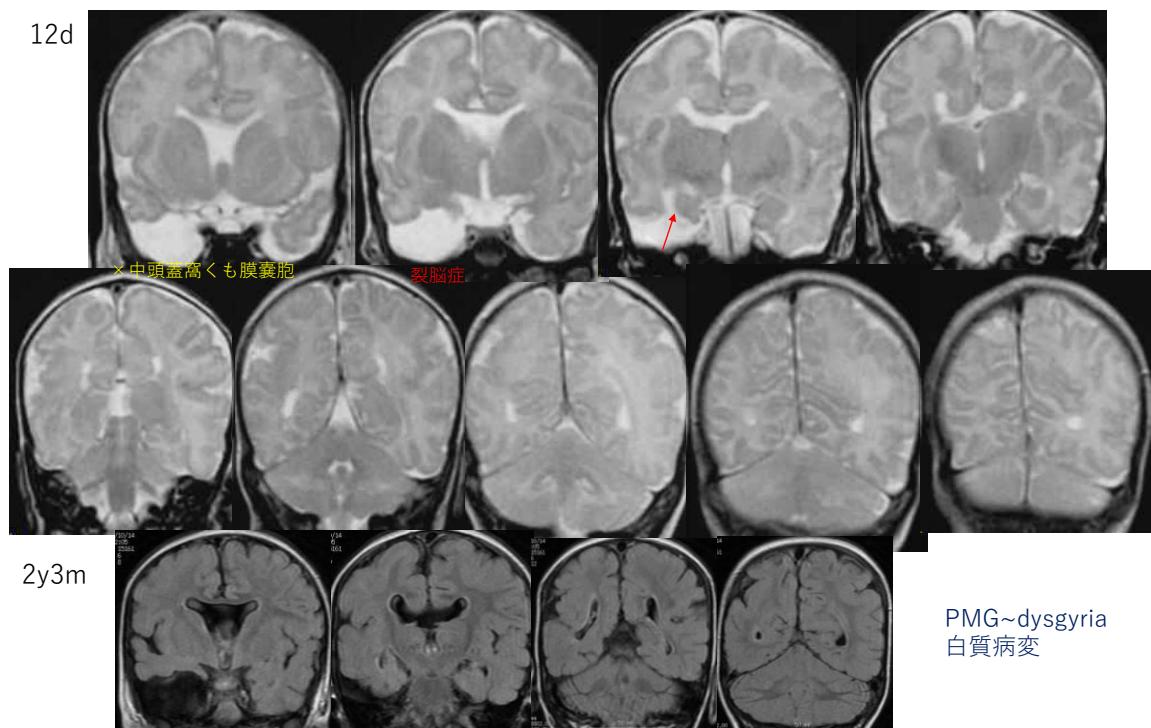
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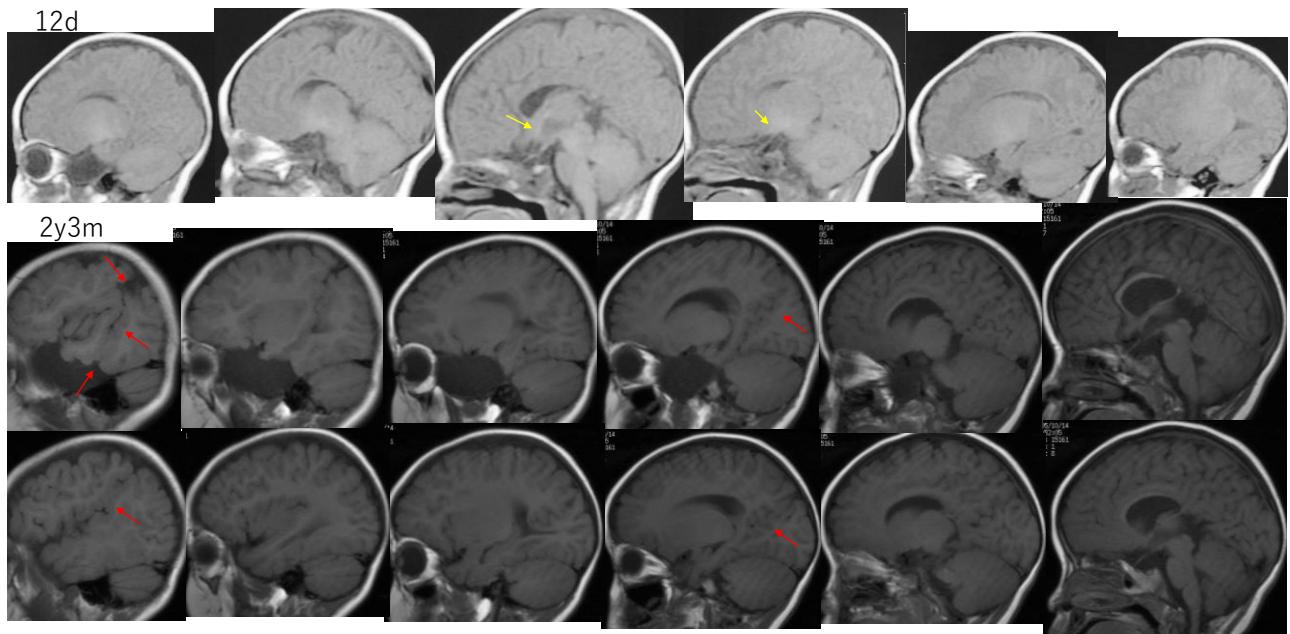
30

15

12d



31

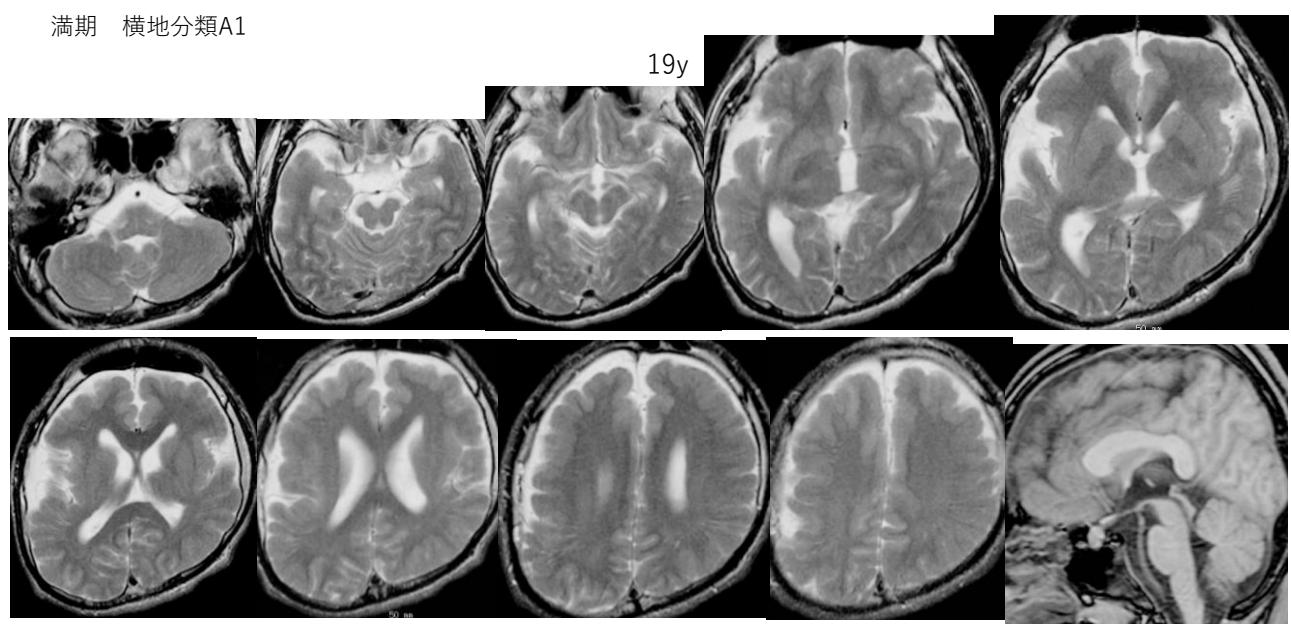


32



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満期 横地分類A1



多小脳回（後頭葉以外）

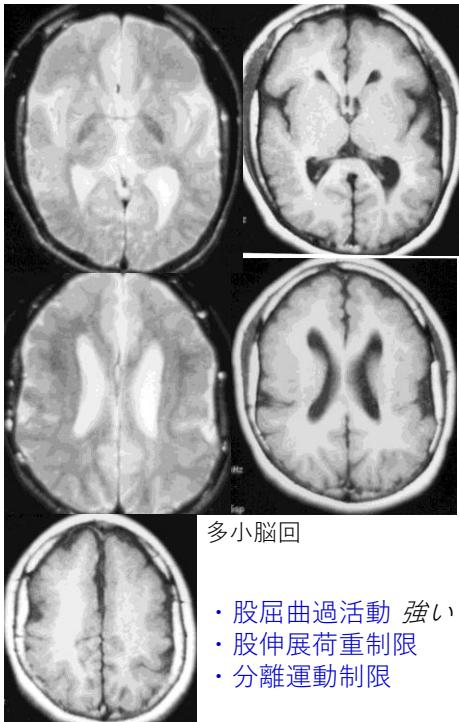
34

17



- ・股屈曲過活動 強い
- ・股伸展荷重制限
- ・分離運動制限

35



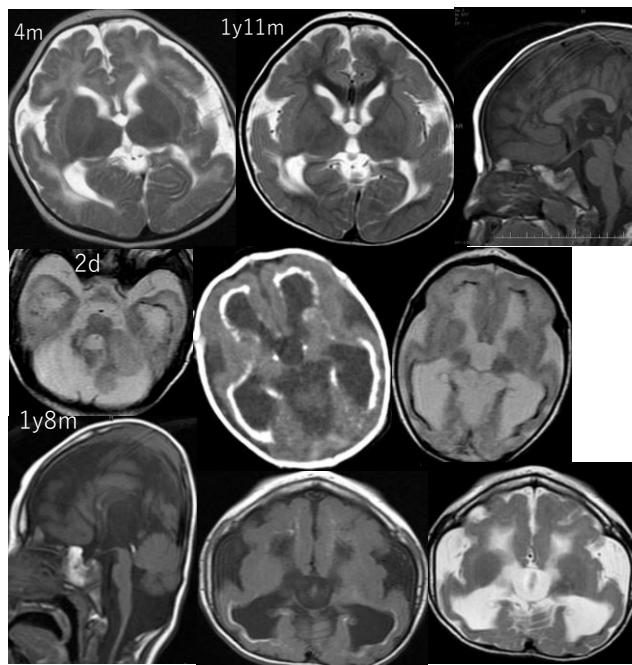
・つたい歩き 5y ・右片麻痺様 ・重度知的障害



- ・股屈曲過活動 強い
- ・股伸展荷重制限
- ・分離運動制限

36

重症congenital cytomegalovirus infection



股屈曲過活動
股伸展荷重制限
分離運動制限