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## 正常小儿髋臼盂唇3.0TMR影像特征

### 3.0T MRI features of normal acetabular labrum in children

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#### 中文摘要:

目的 应用3.0T MR研究正常小儿髋臼盂唇MR影像特征及变化规律。方法 回顾性分析53名4天~14岁正常小儿髋臼盂唇MR表现,按年龄分成4组:0~3岁(A组),4~7岁(B组),8~11岁(C组),12~14岁(D组)。对所有小儿均行3.0T MR髋关节轴位及冠状位扫描。结果 ①盂唇的形态分为三角形、扁平形和缺如型三种,其中三角形最常见,占78.29%。②不同年龄组以及髋臼盂唇不同部位间的形态构成差异均有统计学意义。其中三角形在D组以及髋臼盂唇前部的构成比最高。③髋臼盂唇内的稍高信号最常见于前部。结论 正常小儿髋臼盂唇的形态和信号强度具有年龄和部位特征性的变化规律。

#### 英文摘要:

**Objective** To observe the 3.0T MRI features of normal acetabular labrum and variation in children. **Methods** MR appearances of normal acetabular labra in 53 children aged from 4 days to 14 years were reviewed retrospectively. The children were divided into four groups according to the age: group A: 0—3 years; group B: 4—7 years; group C: 8—11 years; group D: 12—14 years. All of them were examined with 3.0T MR including axial and coronal sequences. **Results** ①MR appearances of normal acetabular labra could be classified into 3 types: triangle, flat-shape and absent in shape. Triangle was the most common (78.29%). ②There was remarkable difference in the distribution of labra morphology among different groups and different portions of hip. Triangle was most commonly observed in group D and on the anterior portion. ③High signal intensity of normal acetabular labra in MRI was most frequently seen on the anterior site of hip. **Conclusion** The shape and signal intensity of normal acetabular labrum in children varies in different age groups and different portions.

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