Children, radiology and variability

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Imaging in general, and magnetic resonance (MR) in particular has become exceedingly important in the diagnosis and follow-up disease, allowing for personalized medicine. Correct interpretation of the findings warrants a detailed knowledge of the normal appearances, and of the disease processes. Imaging children represents a particular challenge as the appearances change by age, thus mimicking disease. Moreover, there is a wide range of normal variation between individuals. In this lecture, I will address some of these issues.