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Generic CT and MRI Contrast Agents



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**Reply:**

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### Reply:

Thank you for your interest in our article<sup>1</sup> and for sharing your interesting case. The proton MR spectra fit well with that of another patient with neurodegenerative Langerhans cell histiocytosis (ND-LCH) previously reported.<sup>2</sup> Decreased *N*-acetylaspartate peak accompanied by increased choline in the area of cerebellar signal intensity alterations supports the concept of a neurodegenerative process. Further studies are necessary to evaluate the sensitivity and specificity of 1H-MR spectroscopy in ND-LCH.

### References

1. Prosch H, Grois N, Wnorowski M, et al. Long-term MR imaging course of neurodegenerative Langerhans cell histiocytosis. *AJNR Am J Neuroradiol* 2007;28:1022–28

2. Steiner M, Prayer D, Asenbaum S, et al. Modern imaging methods for the assessment of Langerhans' cell histiocytosis-associated neurodegenerative syndrome: case report. *J Child Neurol* 2005;20:253–57

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