Reviewer’s report

Title: The various clinical spectra of juvenile xanthogranuloma: Imaging for two case reports and review of the literature

Version: 0 Date: 01 Jan 2019

Reviewer: Bernard Cohen

Reviewer's report:

I read with interest the 2 cases, and agree that this should be of interest to the pediatric community.

However, symptomatic visceral xanthogranulomas are rare, and general pediatricians are not likely to ever see this disorder.

On the contrary, although you note that JXG's are rare, I actually think that they are underrecognized and underreported. Several pediatric derm text books and studies suggest this as well. I suspect that they are also underreported in dark pigmented individuals, since they are often brown in color in this setting, and since they resolve without treatment, are underdiagnosed.

Pediatricians should know about the association with cafe au lait macules, neurofibromatosis, and chronic myelogenous leukemia.

You should also take a look at a paper in Pediatric Dermatology 2018;35:582-587 titled Congenital type juvenile xanthogranulomas: A case series and review of literature.

Also had a quick question re possibly getting an alk1 immunostain on the biopsies since this was described as a possible marker for systemic involvement with xanthogranulomas. See Blood, 2006 for discussion.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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