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Binder phenotype in mothers affected with autoimmune disorders

Submitted by Emmanuel Lemoine on Tue, 02/24/2015 - 15:23

Titre	Binder phenotype in mothers affected with autoimmune disorders
Type de publication	Article de revue
Auteur	Colin, E. [1], Touraine, R. [2], Levaillant, J. M [3], Pasquier, L. [4], Boussion, F. [5], Ferry, M. [6], Guichet, A. [7], Barth, Magalie [8], Mercier, A. [9], Gerard-Blanluet, M. [10], Odent, S. [11], Bonneau, Dominique [12]
Editeur	Informa Healthcare
Type	Article scientifique dans une revue à comité de lecture
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Résumé en anglais	OBJECTIVE: To report four foetal cases of the Binder phenotype associated with maternal autoimmune disorders. PATIENTS AND METHODS: In three mothers with autoimmune diseases, 2D and 3D ultrasonographic measurements were made on four foetuses with the Binder profile, and were compared with postnatal phenotypes. RESULTS: The Binder phenotype can be detected in early pregnancy (14.5 WG). All foetuses had verticalized nasal bones and midfacial hypoplasia. Punctuate calcifications were found in almost all the cases. No specific maternal auto-antibody has been associated with foetal Binder phenotype. CONCLUSION: Since the Binder phenotype can be diagnosed at ultrasound examination during pregnancy, it is important to establish the underlying cause so as to assess the foetal prognosis. This study stresses the importance of systematic checks for maternal autoimmune disease in cases of prenatally diagnosed Binder phenotypes.
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Titre abrégé	J Matern Fetal Neonatal Med

Liens
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