



가 , 7 20
가 .

(1). 가
가 . (Fig. 1A). CT MR 0.5 cm
CT
, T1 (TR/TE ; 500/14, SE), T2 (TR/ TE ; 3000/105, FSE), T1 MR (Fig. 1B).
(2). 가
(3, 4). cri - du - chat 7 (Fig. 1C). 7
가 , 가 1 cm , 20
2 가 가 가 1.5 cm
가 가 (Fig. 1D).

7 가
gamma glutamyl transpeptidase (125 IU/L), 0.6 - 2.6% ,
aspartate aminotransferase (108 IU/L), lactate dehydrogenase (599 IU/L) 가가 , (4, 5).
5 (cri - du - chat syndrome) 39 (5).
2.6 kg , 가 (6).

¹ 가

² 가

³ 가

가 (5, 7). (5). 가 , CT, MR 가 , (4). 0.1 - 10 cm 가 (2). 가 가 (8).

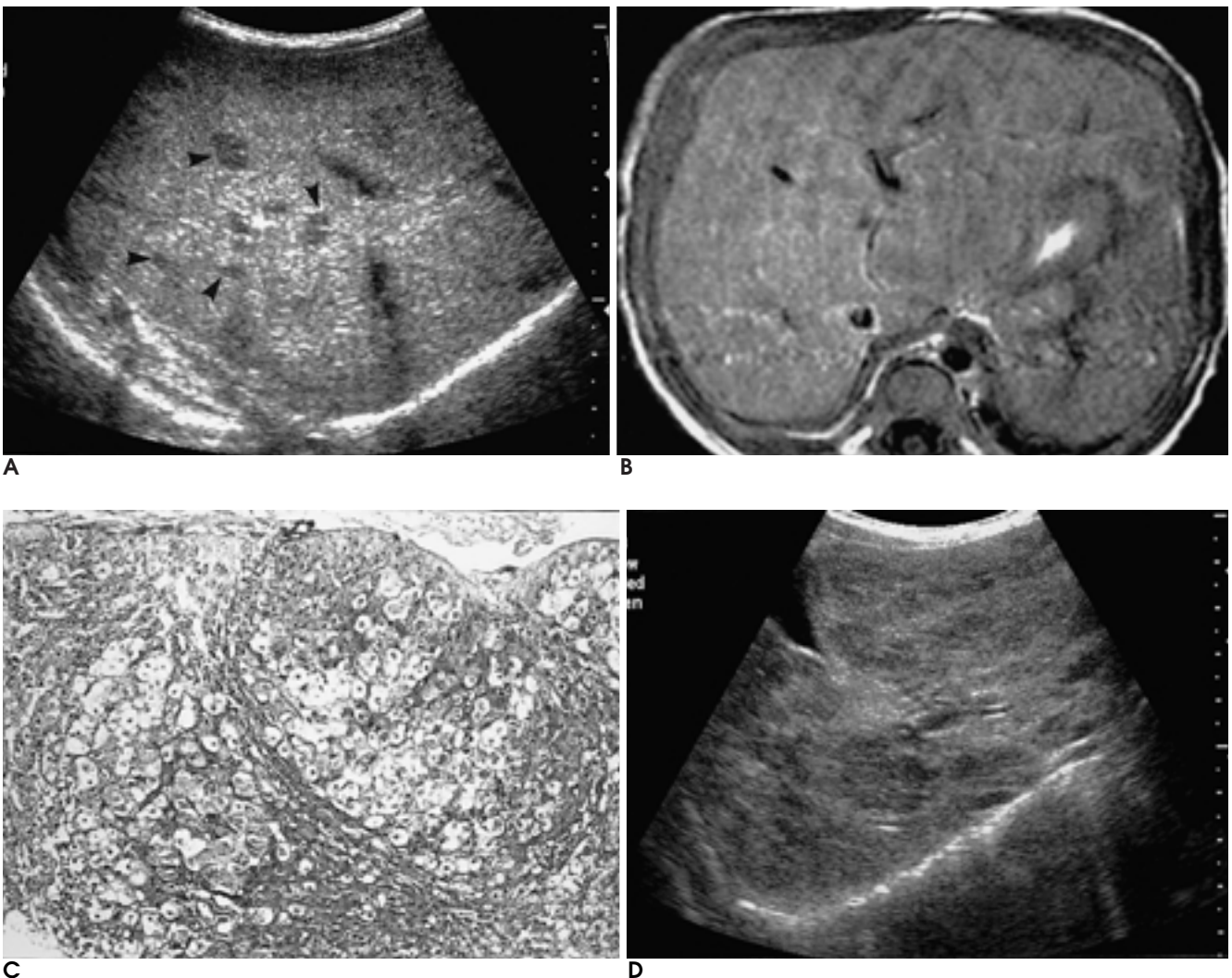


Fig. 1. A 7-month-old infant with nodular regenerative hyperplasia of the liver.
A. Initial transverse scan of ultrasound shows several hypoechoic nodules in the liver (arrowheads). The largest one estimates about 0.5 cm in diameter.
B. Post-contrast T1-weighted spin-echo (TR/TE ; 500/14) axial image shows no discernible hepatic lesion.
C. Photomicrograph shows nodular appearance with loss of normal lobular architecture of the liver. Reticulin framework is condensed at the periphery of the regenerative nodules. (Reticulin stain. $\times 100$)
D. Follow-up ultrasound 20 months after initial study reveals increase in size and number of the nodules.

(6).

CT

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CT

(9).

CT

(5, 6). MR

가

(4).

CT MR

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.

Dall 1gna (3) 2

2 3

가 가

. Casillas (4)

2 MR 가 , 1

가

0.5 cm

가 가

,

.

cri - du - chat 7

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Nodular Regenerative Hyperplasia of the Liver in an Infant: Case Report¹

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Nodular regenerative hyperplasia (NRH) of the liver is an uncommon disease entity, especially in the pediatric group. A few cases have been reported in the radiologic literature, but follow-up imaging studies are rare. We describe a case of NRH, diagnosed by ultrasound-guided needle biopsy, in a seven-month-old infant with cri-du-chat syndrome. Initial ultrasound revealed several small hypoechogenic nodules in the liver, but CT and MR failed to demonstrate their presence. Two follow-up sonographic examinations were performed 7 and 20 months later, revealing increases in the size and number of the nodules.

Index words : Infants, newborn, gastrointestinal tract

Liver, abnormalities

Liver, US

Liver, CT

Liver, MR

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