

On-line Table 1: Gestational age at the time of iuMR in cases in which the results of sonography and iuMR agreed

Case No.	Study No.	Gestational Age (wk)	Sonographic and iuMR Diagnoses
1	1	30	Fetus 1: ACC Fetus 2: normal
2	6	21	Fetus 1: VM Fetus 2: normal
3	8	26	Fetus 1: microcephaly Fetus 2: normal
4	10	23	Fetus 1: sacral meningocele Fetus 2: normal
5	11	22	Fetus 1: VM Fetus 2: VM
6	12	28	Fetus 1: MMC and Ch2 Fetus 2: normal
7	13	26	Fetus 1: VM Fetus 2: VM
8	14	23	Fetus 1: VM Fetus 2: normal
9	16	20	Fetus 1: microphthalmia Fetus 2: normal
10	17	30	Fetus 1: MMC and Ch2 Fetus 2: normal
11	18	22	Fetus 1: VM Fetus 2: normal
12	19	21	Fetus 1: cerebellar hypoplasia Fetus 2: normal
13	20	21	Fetus 1: microcephaly Fetus 2: normal
14	21	30	Fetus 1: MMC and Ch2 Fetus 2: normal
15	22	26	Fetus 1: VM Fetus 2: normal
16	23	23	Fetus 1: MMC and Ch2 Fetus 2: normal
17	24	32	Fetus 1: VM Fetus 2: normal
18	26	21	Fetus 1: VM Fetus 2: VM
19	27	21	Fetus 1: VM Fetus 2: normal
20	28 Triplets	22	Fetus 1: anencephaly Fetus 2: VM Fetus 3: normal
21	29	30	Fetus 1: VM Fetus 2: normal
22	34	23	Fetus 1: sacrococcygeal teratoma Fetus 2: normal
23	35 Triplets	21	Fetus 1: cerebellar hypoplasia Fetus 2: normal Fetus 3: normal
24	38	26	Fetus 1: VM Fetus 2: normal
25	39	24	Fetus 1: MMC and Ch2 Fetus 2: normal
26	40	19	Fetus 1: VM Fetus 2: normal
27	41	27	Fetus 1: VM Fetus 2: normal
28	42	21	Fetus 1: Alobar HPE Fetus 2: normal
29	43	18	Fetus 1: VM Fetus 2: normal
30	44	21	Fetus 1: VM Fetus 2: normal
31	47	23	Fetus 1: microcephaly Fetus 2: microcephaly
32	48	28	Fetus 1: VM Fetus 2: normal
33	49	22	Fetus 1: VM Fetus 2: normal

Note:—Ch2 indicates Chiari 2 malformation; HME, hemimegalencephaly; HPE, holoprosencephaly; MMC, myelomeningocele, SFD, small-for-dates.

On-line Table 2. Gestational age at the time of iuMR in cases in which the results of sonography and iuMR disagreed and the category of effect on management made by the result of the iuMR study as described in the text

Case No.	Study No.	Gest. (wk)	US Diagnosis	IuMR Diagnosis	Effect on Management
1	2	24	1: MMC, normal brain 2: normal	1: MMC, Ch2, diastematomyelia 2: normal	1
2	3	22	1: semilobar HPE 2: normal	1: normal 2: normal	4b
3	4	22	1: possible abnormal spine 2: normal	1: caudal regression 2: normal	4a
4	5	23	1: mild VM 2: normal	1: ACC 2: normal	4a
5	7	23	1: mod VM 2: normal	1: ACC 2: normal	4a
6	9	32	1: SFD 2: normal	1: lissencephaly 2: normal	4a
7	15	26	1: mild VM 2: normal	1: HME 2: normal	4a
8	25	23	1: mild VM 2: normal	1: ACC 2: normal	4a
9	30	24	1: sev VM 2: normal	1: ACC 2: normal	2
10	31	30	1: mod VM absent CSP 2: normal	1: ACC 2: normal	2
11	32	24	1: mod VM, ACC 2: normal	1: mod VM 2: normal	2
12	33	24	1: Ch2, normal spine 2: normal	1: MMC, Ch2 2: normal	4a
13	36	26	1: mild VM 2: sev VM	1: ACC 2: Sev VM	4a
14	37	20	1: ACC 2: normal	1: mild VM, absent CSP 2: normal	2
15	45	27	1: mild VM 2: normal	1: ACC 2: normal	4a
16	46	24	1: MMC and Ch 2 2: normal	1: Lipo-MMC, normal brain 2: normal	4b
17	50	30	1: ACC 2: normal	1: normal 2: normal	4b

Note:—Ch2 indicates Chiari 2 malformation; Gest., gestation; US, sonography; HME, hemimegalencephaly; HPE, holoprosencephaly; CSP, cavum septum pellucidum; MMC, myelomeningocele; SFD, small-for-dates; Mod, moderate; Sev, severe.