

Appendix 1 Study group with amniotic fluid analysis

Case	Gestational age at presentation	Signs and symptoms at presentation	Gestational age at delivery	Signs, symptoms and laboratory findings at delivery	Histopathological chorioamnionitis	Justified management
1	25 1/7	PPROM, fever	25 2/7	AF culture +	Yes	Yes
2	27 4/7	PTL, UT	27 5/7	AF culture +	Yes	Yes
3	34 4/7	Unexplained fever	38 2/7	AF culture -	No	Yes
4	20 2/7	PTL, UT	21 0/7	AF culture -	Yes	Yes
5	34 2/7	UT	39 5/7	AF culture -	No	Yes
6	21 0/7	UT, fever	40 1/7	AF culture -	No	Yes
7	21 0/7	Short cervix, UT, VD	Terminated	AF culture +	Yes	Yes
8	27 3/7	PTL, VD	27 3/7	AF culture -	No	No
9	33 4/7	UT, fever	35 0/7	AF culture -	No	Yes
10	33 5/7	UT, fever	39 3/7	AF culture -	No	Yes
11	19 4/7	UT, fever	38 2/7	AF culture -	No	Yes
12	22 0/7	PPROM, VD	24 0/7	AF culture + (AF analysis at 24 0/7)	Yes	Yes
13	22 0/7	Cervical insufficiency, VD	Terminated	AF culture +	Yes	Yes
14	19 0/7	PPROM, fever, UT	Terminated	AF culture -	Yes	Yes

15	28 5/7	PPROM, mild UT	30 0/7	AF culture -	No	Yes
16	31 1/7	Fever, diarrhea	39 2/7	AF culture -	No	Yes
17	29 3/7	PPROM, VD	33 3/7	AF culture -	No	Yes
18	23 1/7	Cervical insufficiency, UT,	24 2/7	AF culture -	No	Yes
19	27 6/7	PTL, UT	28 0/7	AF culture +	Yes	Yes
20	34 6/7	Nonreassuring fetal heart tracing, fetal tachycardia, oligohydramnios	35 6/7	AF culture -	No	Yes
21	24 4/7	PPROM, VD	24 4/7	AF culture -	No	No
22	35 6/7	Fever	37 4/7	AF culture -	No	Yes
23	34 2/7	Fever, fetal tachycardia	41	AF culture -	No	Yes
24	25 6/7	Cerclage, UT	28 0/7	AF culture -	No	Yes
25	32 3/7	UT	36 0/7	AF culture -	No	Yes
26	23 5/7	PPROM, VD	25 0/7	AF culture -	No	Yes
27	35 4/7	UT, fever	40	AF culture -	No	Yes

28	26 5/7	PPROM, VD	28 0/7	AF culture -	No	Yes
29	21 1/7	UT	37 6/7	AF culture -	No	Yes
30	19 6/7	Cervical insufficiency, vaginal bleeding, VD	21 5/7	AF culture -	No	No
31	23 0/7	Cervical insufficiency, VD	Terminated	AF culture +	Yes	Yes
32	33 4/7	UT, fever	39 5/7	AF culture -	No	Yes
33	26 0/7	UT, fever	40 4/7	AF culture -	No	Yes
34	33 0/7	UT, fever	37 2/7	AF culture -	No	Yes
35	31 0/7	PTL, UT, fever	31 1/7	AF culture -	Yes	Yes
36	33 0/7	UT, fever	36 0/7	AF culture -	No	Yes
37	24	Fever	36 1/7	AF culture -	No	Yes
38	28 4/7	PTL, UT	28 5/7	AF culture -	Yes	Yes
39	25 5/7	PTL, UT, fever	31 0/7	AF culture -	No	Yes

40	23 5/7	PTL, UT, fever	Terminated	AF culture +	Yes	Yes
41	26 5/7	PPROM, UT	34 0/7	AF culture -	No	Yes
42	29 5/7	PPROM, UT	32 6/7	AF culture -	No	Yes
43	35 6/7	Fever	37	AF culture -	No	Yes

Abbreviations: PTL, preterm labor; PPROM, preterm premature rupture of membranes; AF, amniotic fluid; UT, uterine tenderness; VD, vaginal discharge.