

Table 1. Summary of patients in the literature (since 2000) with aortic dissection from 6 months prior to delivery to 12 weeks postpartum.

	Type A (N=60) (prepartum)	TypeA(N=17) (postpartum)	Type B(N=13) (prepartum)	Type B(N=13) (postpartum,)	Total (N=103)
Age(years)	31.2±4.6	35.0±4.5	27.5±5.1	31.4±5.6	31.4±5.1
Diagnostic time	30.4±7.2w	5.8±5.0d	33.7±4.3w	5.4±4.7d	—
First symptoms					
Chest pain	27	7	5	5	44
Back pain	8	2	3	5	18
Chest and back pain	12	4	4	2	22
Epigastric pain	4	0	0	0	4
Chest and epigastric pain	2	0	1	1	4
Dyspnea	1	3	0	0	4
Others	1	1	0	0	2
Risk factors					
Connective tissue disease	22	6	5	4	37
Hypertension	9	1	0	3	13
Pre-eclampsia	4	1	1	2	8
Aortic disease	2	0	0	0	2
Family history	3	0	0	0	3
Multi factors	5	4	2	2	13
Unknown causes	14	6	5	2	27
Aortic root diameter (mm)	52.8±13.8 ^a	57.6±15.3 ^b	41.0±6.9 ^c	35.8±8.0 ^d	50±14.3
Aortic regurgitation					
No	4	2	0	2	8
Yes	34	6	3	0	43

a+b=30; c+d=9; w: weeks; d: days

Table 2. Treatment and outcome of Patients since 2000, in the Literature, With Aortic Dissection During 6 Months Prior to Delivery to 12 Weeks after Delivery

Treatment	<28 weeks (N=15)			Treatment	≥28 weeks(N=45)			Treatment	Postpartum(N=17)		
	Numbers	Maternal outcome	Fetal outcome		Numbers	Maternal outcome	Fetal outcome		Numbers	Maternal outcome	Fetal outcome
Swift open surgical repair+Continue pregnancy	8	0	0	CS+ Swift open surgical repair	36	1	0	Swift open surgical repair	14	0	0
Swift open surgical repair +CS	2	0	2	Medial	3	2	2	Medical	2	0	0
Swift open surgical repair	4	0	4	Endovascular aortic repair+ CS	2	0	0	Endovascular aortic repair	1	0	0
CS+Endovascular aortic repair	1	0	0	CS	2	2	0				
				Swift open surgical repair+Spontaneous delivery	1	0	0				
				Induction+Swift open surgical repair	1	0	0				

CS: caesarean section

Table 3. Treatment and outcome of Patients since 2000, in the Literature, With Aortic Dissection During 6 Months Prior to Delivery to 12 Weeks after Delivery

Treatment	<28 weeks (N=2)			Treatment	≥28 weeks(N=11)			Treatment	Postpartum(N=13)		
	Numbers	Maternal outcome	Fetal outcome		Numbers	Maternal outcome	Fetal outcome		Numbers	Maternal outcome	Fetal outcome
Medical+CS	1	0	1	CS+Medial	4	1	0	Endovascular aortic repair	6	1	0
				CS+Endovascular aortic repair	3	0	0	Medical	4	1	0
CS+ Endovascular aortic repair	1	0	0	CS+Swift open surgical repair	2	0	0	Swift open surgical repair	2	0	0
				Swift open surgical repair+CS	2	0	0	None	1	1	0

CS: caesarean section