



Fetal Hidrotoraks ve Shunt

Dr Ebru elik



Fetal Hidrotoraks

- 36 yaşında
- G2P1; SAT'a göre 30gh
- Sağ plevral effüzyon
- TORCH-negatif
- Plevral sıvı lenfosit:%80
- Kromozom analizi-normal

- 29 yaşında
- G1P0; SAT'a göre 26gh
- Sağ plevral effüzyon
- TORCH-negatif
- Plevral sıvı lenfosit:%67
- Kromozom analizi-normal



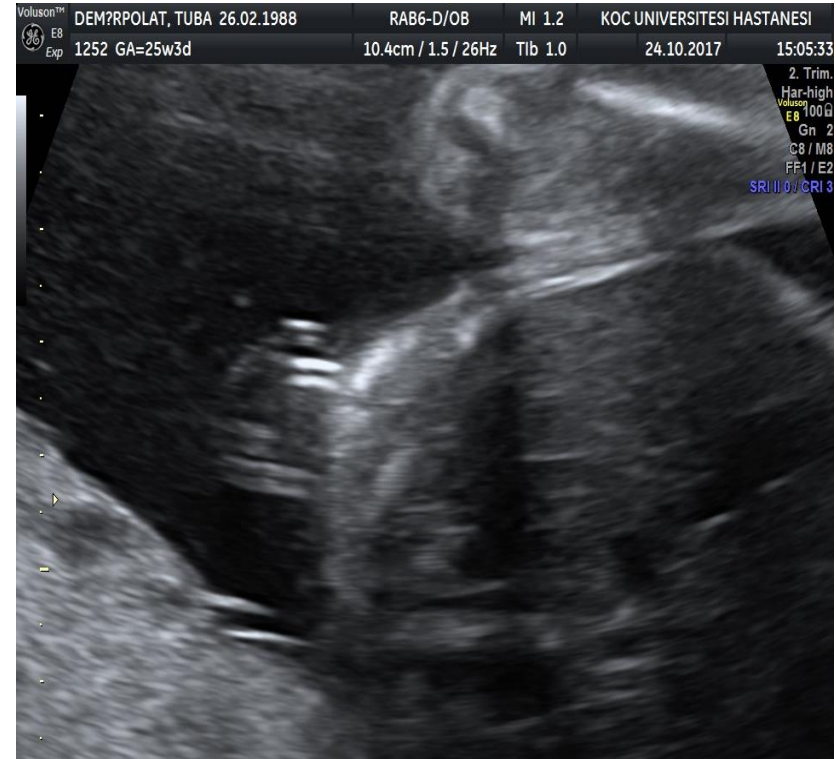


Fetal Hidrotoraks





Fetal Hidrotoraks





Ayırıcı Tanı

Torasik anomaliler

Konjenital pulmoner malformasyonlar

Konjenital diafragmatik herni

Plevral effüzyon

Lenfatik anomaliler

Lenfangioma

Lenfanjektazi

Konjenital lenfatik displasi sendromu



Table 4 Comparison of previous large single-center studies of thoracoamniotic shunting

Reference	Center	Number (%) of cases ^a		GA at shunt insertion (weeks)	GA at delivery (weeks)	Resolution of hydrops, n (%)	Perinatal survival, n (%)	
		Hydropic	Non-hydropic				Hydropic	Non-hydropic
Pettersen and Nicolaides ⁹	London	41 (59.4)	28 (40.6)	29 (20–33)	36 (23–41)	19 (46.3)	19 (46.3)	28 (100.0)
Picone <i>et al.</i> ¹⁰	Paris	47	—	30.5 (19–36)	34 (22–40)		31 (66.0)	
Smith <i>et al.</i> ¹²	Bristol	16 (76.2)	5 (23.8)	24 (20–36)	32 (22–40)		7 (43.8)	3 (60.0)
Rustico <i>et al.</i> ¹¹	Milan	43 (81.1)	10 (18.9)	NA	NA	NA	25 (58.1)	9 (90.0)
Yinon <i>et al.</i> ¹⁴	Toronto	59 (67.0)	29 (33.0)	28 (18–37)	34 (19–42)	28 (47.5)	31 (52.5)	21 (72.4)
Present study	Seoul	50 (76.9)	15 (23.1)	28.3 (19–34)	34 (26–40)	29 (58.0)	35 (70.0)	14 (93.3)



Fetal Hidrotoraks

	Non-hydrops fetalis (n = 92)			p-value ^a
	No therapy (n = 54)	TC (n = 27)	TAS (n = 11)	
pPROM	5 (9.3%)	2 (7.4%)	4 (36.4%)	0.03
Gestational age at delivery (weeks)	37.3 ± 3.1	37.1 ± 3.6	37.1 ± 2.1	0.92
Birth weight (g)	2748 ± 603	2704 ± 627	2724 ± 396	0.95
Delivery mode				
Transvaginal delivery	27 (50.0%)	16 (59.3%)	8 (72.7%)	0.35
Cesarean section	27 (50.0%)	11 (40.7%)	3 (27.3%)	
Total survival	53 (98.1%)	26 (96.3%)	11 (100%)	1.00
Fetal death	0 (0%)	1 (3.7%)	0 (0%)	0.41
Neonatal death	1 (1.9%)	0 (0%)	0 (0%)	1.00
Infantile death	0 (0%)	0 (0%)	0 (0%)	NA
Mechanical ventilation ^b	20/54 (37.0%)	9/26 (34.6%)	4/11 (36.4%)	0.98
HOT ^c	0/53 (0%)	0/26 (0%)	0/11 (0%)	NA

S. Wada et al, Prenatal Diagnosis 2017



Teşekkür ederim