

7. LITERATUR

1. Adzick NS, Harrison MR, Glick PL, Nakayama DK, Manning FA, deLorimier AA. 1985a. Diaphragmatic hernia in the fetus: prenatal diagnosis and outcome in 94 cases. *J Pediatr Surg* 20:357-361.
2. Adzick NS, Outwater KM, Harrison MR, Davies P, Glick PL, deLorimier AA, Reid LM. 1985b. Correction of congenital diaphragmatic hernia in utero. IV. An early gestational fetal lamb model for pulmonary vascular morphometric analysis. *J Pediatr Surg* 20:673-680.
3. Adzick NS, Vacanti JP, Lillehei CW, O'Rourke PP, Crone RK, Wilson JM. 1989. Fetal diaphragmatic hernia: ultrasound diagnosis and clinical outcome in 38 cases. *J Pediatr Surg* 24:654-657; discussion 657-658.
4. Allan LD, Irish MS, Glick PL. 1996. The fetal heart in diaphragmatic hernia. *Clin Perinatol* 23:795-812.
5. Allan LD, Lockhart S. 1993. Intrathoracic cardiac position in the fetus. *Ultrasound Obstet Gynecol* 3:93-96.
6. Badalian SS, Fox HE, Chao CR, Timor-Tritsch IE, Stolar CJ. 1994. Fetal breathing characteristics and postnatal outcome in cases of congenital diaphragmatic hernia. *Am J Obstet Gynecol* 171:970-976.
7. Baumgart S, Paul JJ, Huhta JC. 1998a. Left heart hypoplasia in neonates having congenital diaphragmatic hernia and treated with ECMO. *J Pediatr Surg* 33:1848.
8. Baumgart S, Paul JJ, Huhta JC, Katz AL, Paul KE, Spettell C, Spitzer AR. 1998b. Cardiac malposition, redistribution of fetal cardiac output, and left heart hypoplasia reduce survival in neonates with congenital diaphragmatic hernia requiring extracorporeal membrane oxygenation. *J Pediatr* 133:57-62.
9. Benacerraf BR, Adzick NS. 1987. Fetal diaphragmatic hernia: ultrasound diagnosis and clinical outcome in 19 cases. *Am J Obstet Gynecol* 156:573-576.
10. Benjamin DR, Juul S, Siebert JR. 1988. Congenital posterolateral diaphragmatic hernia: associated malformations. *J Pediatr Surg* 23:899-903.
11. Beresford MW, Shaw NJ. 2000. Outcome of congenital diaphragmatic hernia. *Pediatr Pulmonol* 30:249-256.
12. Bland JM, Altman DG. 1986. Statistical methods for assessing agreement between two methods of clinical measurement. *Lancet* 1:307-310.
13. Bohn D, Tamura M, Perrin D, Barker G, Rabinovitch M. 1987. Ventilatory predictors of pulmonary hypoplasia in congenital diaphragmatic hernia, confirmed by morphologic assessment. *J Pediatr* 111:423-431.
14. Bollmann R, Kalache K, Mau H, Chaoui R, Tennstedt C. 1995. Associated malformations and chromosomal defects in congenital diaphragmatic hernia. *Fetal Diagn Ther* 10:52-59.
15. Boyden EA. 1972. The structure of compressed lungs in congenital diaphragmatic hernia. *Am J Anat* 134:497-507.
16. Brewerton LJ, Chari RS, Liang Y, Bhargava R. 2005. Fetal lung-to-liver signal intensity ratio at MR imaging: development of a normal scale and possible role in predicting pulmonary hypoplasia in utero. *Radiology* 235:1005-1010.
17. Burge DM, Atwell JD, Freeman NV. 1989. Could the stomach site help predict outcome in babies with left sided congenital diaphragmatic hernia diagnosed antenatally? *J Pediatr Surg* 24:567-569.

18. Cass DL. 2005. Fetal surgery for congenital diaphragmatic hernia: the North American experience. *Semin Perinatol* 29:104-111.
19. Chinn DH, Filly RA, Callen PW, Nakayama DK, Harrison MR. 1983. Congenital diaphragmatic hernia diagnosed prenatally by ultrasound. *Radiology* 148:119-123.
20. Comstock CH. 1987. Normal fetal heart axis and position. *Obstet Gynecol* 70:255-259.
21. Correia-Pinto J, Baptista MJ, Estevao-Costa J, Carvalho JL, Ferreira A, Areias JC, Leite-Moreira AF. 2000. Heart-related indices in experimental diaphragmatic hernia. *J Pediatr Surg* 35:1449-1452.
22. Cortes RA, Keller RL, Townsend T, Harrison MR, Farmer DL, Lee H, Piecuch RE, Leonard CH, Hetherington M, Bisgaard R, Nobuhara KK. 2005. Survival of severe congenital diaphragmatic hernia has morbid consequences. *J Pediatr Surg* 40:36-45; discussion 45-36.
23. Crawford DC, Wright VM, Drake DP, Allan LD. 1989. Fetal diaphragmatic hernia: the value of fetal echocardiography in the prediction of postnatal outcome. *Br J Obstet Gynaecol* 96:705-710.
24. Cunniff C, Jones KL, Jones MC. 1990. Patterns of malformation in children with congenital diaphragmatic defects. *J Pediatr* 116:258-261.
25. Deprest J, Gratacos E, Nicolaides KH. 2004. Fetoscopic tracheal occlusion (FETO) for severe congenital diaphragmatic hernia: evolution of a technique and preliminary results. *Ultrasound Obstet Gynecol* 24:121-126.
26. Deprest J, Jani J, Cannie M, Debeer A, Vandeveldel M, Done E, Gratacos E, Nicolaides K. 2006. Prenatal intervention for isolated congenital diaphragmatic hernia. *Curr Opin Obstet Gynecol* 18:355-367.
27. DiFiore JW, Fauza DO, Slavin R, Peters CA, Fackler JC, Wilson JM. 1994. Experimental fetal tracheal ligation reverses the structural and physiological effects of pulmonary hypoplasia in congenital diaphragmatic hernia. *J Pediatr Surg* 29:248-256; discussion 256-247.
28. Dommergues M, Louis-Sylvestre C, Mandelbrot L, Oury JF, Herlicoviez M, Body G, Gamberre M, Dumez Y. 1996. Congenital diaphragmatic hernia: can prenatal ultrasonography predict outcome? *Am J Obstet Gynecol* 174:1377-1381.
29. Edelstone DI, Rudolph AM. 1979. Preferential streaming of ductus venosus blood to the brain and heart in fetal lambs. *Am J Physiol* 237:H724-729.
30. Edelstone DI, Rudolph AM, Heymann MA. 1978. Liver and ductus venosus blood flows in fetal lambs in utero. *Circ Res* 42:426-433.
31. Fauza DO, Wilson JM. 1994. Congenital diaphragmatic hernia and associated anomalies: their incidence, identification, and impact on prognosis. *J Pediatr Surg* 29:1113-1117.
32. Filston HC, Kirks DR. 1981. Malrotation - the ubiquitous anomaly. *J Pediatr Surg* 16:614-620.
33. Garne E, Haeusler M, Barisic I, Gjergja R, Stoll C, Clementi M. 2002. Congenital diaphragmatic hernia: evaluation of prenatal diagnosis in 20 European regions. *Ultrasound Obstet Gynecol* 19:329-333.
34. Geary MP, Chitty LS, Morrison JJ, Wright V, Pierro A, Rodeck CH. 1998. Perinatal outcome and prognostic factors in prenatally diagnosed congenital diaphragmatic hernia. *Ultrasound Obstet Gynecol* 12:107-111.
35. Glick PL, Leach CL, Besner GE, Egan EA, Morin FC, Malanowska-Kantoch A, Robinson LK, Brody A, Lele AS, McDonnell M, et al. 1992a. Pathophysiology of congenital diaphragmatic hernia. III: Exogenous surfactant therapy for the high-risk neonate with CDH. *J Pediatr Surg* 27:866-869.

36. Glick PL, Stannard VA, Leach CL, Rossman J, Hosada Y, Morin FC, Cooney DR, Allen JE, Holm B. 1992b. Pathophysiology of congenital diaphragmatic hernia II: the fetal lamb CDH model is surfactant deficient. *J Pediatr Surg* 27:382-387; discussion 387-388.
37. Goodfellow T, Hyde I, Burge DM, Freeman NV. 1987. Congenital diaphragmatic hernia: the prognostic significance of the site of the stomach. *Br J Radiol* 60:993-995.
38. Graham G, Devine PC. 2005. Antenatal diagnosis of congenital diaphragmatic hernia. *Semin Perinatol* 29:69-76.
39. Grandjean H, Larroque D, Levi S. 1999. The performance of routine ultrasonographic screening of pregnancies in the Eurofetus Study. *Am J Obstet Gynecol* 181:446-454.
40. Graziano JN. 2005. Cardiac anomalies in patients with congenital diaphragmatic hernia and their prognosis: a report from the Congenital Diaphragmatic Hernia Study Group. *J Pediatr Surg* 40:1045-1049; discussion 1049-1050.
41. Harrison MR, Adzick NS, Estes JM, Howell LJ. 1994. A prospective study of the outcome for fetuses with diaphragmatic hernia. *Jama* 271:382-384.
42. Harrison MR, Adzick NS, Flake AW, Jennings RW, Estes JM, MacGillivray TE, Chueh JT, Goldberg JD, Filly RA, Goldstein RB, et al. 1993. Correction of congenital diaphragmatic hernia in utero: VI. Hard-earned lessons. *J Pediatr Surg* 28:1411-1417; discussion 1417-1418.
43. Harrison MR, Bjordal RI, Langmark F, Knutrud O. 1978. Congenital diaphragmatic hernia: the hidden mortality. *J Pediatr Surg* 13:227-230.
44. Harrison MR, Langer JC, Adzick NS, Golbus MS, Filly RA, Anderson RL, Rosen MA, Callen PW, Goldstein RB, deLorimier AA. 1990. Correction of congenital diaphragmatic hernia in utero, V. Initial clinical experience. *J Pediatr Surg* 25:47-55; discussion 56-47.
45. Harrison MR, Ross NA, de Lorimier AA. 1981. Correction of congenital diaphragmatic hernia in utero. III. Development of a successful surgical technique using abdominoplasty to avoid compromise of umbilical blood flow. *J Pediatr Surg* 16:934-942.
46. Hasegawa T, Kamata S, Imura K, Ishikawa S, Okuyama H, Okada A, Chiba Y. 1990. Use of lung-thorax transverse area ratio in the antenatal evaluation of lung hypoplasia in congenital diaphragmatic hernia. *J Clin Ultrasound* 18:705-709.
47. Hatch EI, Jr., Kendall J, Blumhagen J. 1992. Stomach position as an in utero predictor of neonatal outcome in left-sided diaphragmatic hernia. *J Pediatr Surg* 27:778-779.
48. Hosie S, Wollmann C, Neff W, Holland-Cunz S. 2005. [Fetal surgery]. *Chirurg* 76:757-764.
49. Hubbard AM, Crombleholme TM, Adzick NS, Coleman BG, Howell LJ, Meyer JS, Flake AW. 1999. Prenatal MRI evaluation of congenital diaphragmatic hernia. *Am J Perinatol* 16:407-413.
50. Huddy CL, Boyd PA, Wilkinson AR, Chamberlain P. 1999. Congenital diaphragmatic hernia: prenatal diagnosis, outcome and continuing morbidity in survivors. *Br J Obstet Gynaecol* 106:1192-1196.
51. Inamura N, Kubota A, Nakajima T, Kayatani F, Okuyama H, Oue T, Kawahara H. 2005. A proposal of new therapeutic strategy for antenatally diagnosed congenital diaphragmatic hernia. *J Pediatr Surg* 40:1315-1319.
52. Inselman LS, Mellins RB. 1981. Growth and development of the lung. *J Pediatr* 98:1-15.
53. Jani J, Keller RL, Benachi A, Nicolaidis KH, Favre R, Gratacos E, Laudy J, Eisenberg V, Eggink A, Vaast P, Deprest J. 2006a. Prenatal prediction of survival in isolated left-sided diaphragmatic hernia. *Ultrasound Obstet Gynecol* 27:18-22.
54. Jani JC, Nicolaidis KH, Gratacos E, Vandecruys H, Deprest JA, The Feto Task G. 2006b. Fetal lung-to-head ratio in the prediction of survival in severe left-sided diaphragmatic hernia treated by fetal endoscopic tracheal occlusion (FETO). *Am J Obstet Gynecol*.

55. Jsselstijn, Tibboel D. 1998. The lungs in congenital diaphragmatic hernia: do we understand? *Pediatr Pulmonol* 26:204-218.
56. Kalache KD, Chaoui R, Hartung J, Wernecke KD, Bollmann R. 1998. Doppler assessment of tracheal fluid flow during fetal breathing movements in cases of congenital diaphragmatic hernia. *Ultrasound Obstet Gynecol* 12:27-32.
57. Kalache KD, Espinoza J, Chaiworapongsa T, Londono J, Schoen ML, Treadwell MC, Lee W, Romero R. 2003. Three-dimensional ultrasound fetal lung volume measurement: a systematic study comparing the multiplanar method with the rotational (VOCAL) technique. *Ultrasound Obstet Gynecol* 21:111-118.
58. Kanzaki T, Chiba Y. 1990. Evaluation of the preload condition of the fetus by inferior vena caval blood flow pattern. *Fetal Diagn Ther* 5:168-174.
59. Karamanoukian HL, Glick PL, Wilcox DT, O'Toole SJ, Rossman JE, Azizkhan RG. 1995. Pathophysiology of congenital diaphragmatic hernia. XI: Anatomic and biochemical characterization of the heart in the fetal lamb CDH model. *J Pediatr Surg* 30:925-928; discussion 929.
60. Karamanoukian HL, O'Toole SJ, Rossman JR, Sharma A, Azizkhan RG, Glick PL. 1996a. Fetal surgical interventions and the development of the heart in congenital diaphragmatic hernia. *J Surg Res* 65:5-8.
61. Karamanoukian HL, O'Toole SJ, Rossman JR, Sharma A, Holm BA, Azizkhan RG, Glick PL. 1996b. Can cardiac weight predict lung weight in patients with congenital diaphragmatic hernia? *J Pediatr Surg* 31:823-825.
62. Kiserud T, Eik-Nes SH, Blaas HG, Hellevik LR. 1992. Foramen ovale: an ultrasonographic study of its relation to the inferior vena cava, ductus venosus and hepatic veins. *Ultrasound Obstet Gynecol* 2:389-396.
63. Kitagawa M, Hislop A, Boyden EA, Reid L. 1971. Lung hypoplasia in congenital diaphragmatic hernia. A quantitative study of airway, artery, and alveolar development. *Br J Surg* 58:342-346.
64. Kohl T, Gembruch U, Filsinger B, Hering R, Bruhn J, Tchatcheva K, Aryee S, Franz A, Heep A, Muller A, Bartmann P, Loff S, Hosie S, Neff W, Schaible T. 2006. Encouraging early clinical experience with deliberately delayed temporary fetoscopic tracheal occlusion for the prenatal treatment of life-threatening right and left congenital diaphragmatic hernias. *Fetal Diagn Ther* 21:314-318.
65. Langer JC, Filler RM, Bohn DJ, Shandling B, Ein SH, Wesson DE, Superina RA. 1988. Timing of surgery for congenital diaphragmatic hernia: is emergency operation necessary? *J Pediatr Surg* 23:731-734.
66. Laudy JA, Van Gucht M, Van Dooren MF, Wladimiroff JW, Tibboel D. 2003. Congenital diaphragmatic hernia: an evaluation of the prognostic value of the lung-to-head ratio and other prenatal parameters. *Prenat Diagn* 23:634-639.
67. Levin DL. 1978. Morphologic analysis of the pulmonary vascular bed in congenital left-sided diaphragmatic hernia. *J Pediatr* 92:805-809.
68. Lipshutz GS, Albanese CT, Feldstein VA, Jennings RW, Housley HT, Beech R, Farrell JA, Harrison MR. 1997. Prospective analysis of lung-to-head ratio predicts survival for patients with prenatally diagnosed congenital diaphragmatic hernia. *J Pediatr Surg* 32:1634-1636.
69. Metkus AP, Filly RA, Stringer MD, Harrison MR, Adzick NS. 1996. Sonographic predictors of survival in fetal diaphragmatic hernia. *J Pediatr Surg* 31:148-151; discussion 151-142.
70. Momma K, Ando M, Mori Y, Ito T. 1992. Hypoplasia of the lung and heart in fetal rats with diaphragmatic hernia. *Fetal Diagn Ther* 7:46-52.

71. Morin FC, 3rd, Stenmark KR. 1995. Persistent pulmonary hypertension of the newborn. *Am J Respir Crit Care Med* 151:2010-2032.
72. Morin L, Crombleholme TM, D'Alton ME. 1994. Prenatal diagnosis and management of fetal thoracic lesions. *Semin Perinatol* 18:228-253.
73. Moya FR, Lally KP. 2005. Evidence-based management of infants with congenital diaphragmatic hernia. *Semin Perinatol* 29:112-117.
74. Norden MA, Butt W, McDougall P. 1994. Predictors of survival for infants with congenital diaphragmatic hernia. *J Pediatr Surg* 29:1442-1446.
75. O'Rourke PP, Vacanti JP, Crone RK, Fellows K, Lillehei C, Hougen TJ. 1988. Use of the postductal PaO₂ as a predictor of pulmonary vascular hypoplasia in infants with congenital diaphragmatic hernia. *J Pediatr Surg* 23:904-907.
76. O'Toole SJ, Karamanoukian HL, Glick PL. 1996. Cardiopulmonary consequences of congenital diaphragmatic hernia. *J Perinatol* 16:S34-39.
77. Olivet RT, Rupp WM, Telander RL, Kaye MP. 1978. Hemodynamics of congenital diaphragmatic hernia in lambs. *J Pediatr Surg* 13:231-235.
78. Puri P. 1994. Congenital diaphragmatic hernia. *Curr Probl Surg* 31:787-846.
79. Puri P, Wester T. 1997. Historical aspects of congenital diaphragmatic hernia. *Pediatr Surg Int* 12:95-100.
80. Reid L. 1977. 1976 Edward B.D. Neuhauser lecture: the lung: growth and remodeling in health and disease. *AJR Am J Roentgenol* 129:777-788.
81. Ruano R, Benachi A, Joubin L, Aubry MC, Thalabard JC, Dumez Y, Dommergues M. 2004a. Three-dimensional ultrasonographic assessment of fetal lung volume as prognostic factor in isolated congenital diaphragmatic hernia. *Bjog* 111:423-429.
82. Ruano R, Joubin L, Sonigo P, Benachi A, Aubry MC, Thalabard JC, Brunelle F, Dumez Y, Dommergues M. 2004b. Fetal lung volume estimated by 3-dimensional ultrasonography and magnetic resonance imaging in cases with isolated congenital diaphragmatic hernia. *J Ultrasound Med* 23:353-358.
83. Sato A, Ogawa M, Hosoya N, Hirano H, Tanaka T. 2005. Doppler assessment of fetal preload index in the inferior vena cava and postnatal outcome in congenital diaphragmatic hernia.
84. Schwartz SM, Vermilion RP, Hirschl RB. 1994. Evaluation of left ventricular mass in children with left-sided congenital diaphragmatic hernia. *J Pediatr* 125:447-451.
85. Siebert JR, Haas JE, Beckwith JB. 1984. Left ventricular hypoplasia in congenital diaphragmatic hernia. *J Pediatr Surg* 19:567-571.
86. Smith NP, Jesudason EC, Featherstone NC, Corbett HJ, Losty PD. 2005. Recent advances in congenital diaphragmatic hernia. *Arch Dis Child* 90:426-428.
87. Smith NP, Jesudason EC, Losty PD. 2002. Congenital diaphragmatic hernia. *Paediatr Respir Rev* 3:339-348.
88. Song MS, Yoo SJ, Smallhorn JF, Mullen JB, Ryan G, Hornberger LK. 2001. Bilateral congenital diaphragmatic hernia: diagnostic clues at fetal sonography. *Ultrasound Obstet Gynecol* 17:255-258.
89. Soper RT, Pringle KC, Scofield JC. 1984. Creation and repair of diaphragmatic hernia in the fetal lamb: techniques and survival. *J Pediatr Surg* 19:33-40.
90. Stefanutti G, Filippone M, Tommasoni N, Midrio P, Zucchetta P, Moreolo GS, Toffolutti T, Baraldi E, Gamba P. 2004. Cardiopulmonary anatomy and function in long-term survivors of mild to moderate congenital diaphragmatic hernia. *J Pediatr Surg* 39:526-531.
91. Suda K, Bigras JL, Bohn D, Hornberger LK, McCrindle BW. 2000. Echocardiographic predictors of outcome in newborns with congenital diaphragmatic hernia. *Pediatrics* 105:1106-1109.

92. Sutton MS, Groves A, MacNeill A, Sharland G, Allan L. 1994. Assessment of changes in blood flow through the lungs and foramen ovale in the normal human fetus with gestational age: a prospective Doppler echocardiographic study. *Br Heart J* 71:232-237.
93. Sweed Y, Puri P. 1993. Congenital diaphragmatic hernia: influence of associated malformations on survival. *Arch Dis Child* 69:68-70.
94. Thebaud B, Azancot A, de Lagausie P, Vuillard E, Ferkadji L, Benali K, Beaufils F. 1997. Congenital diaphragmatic hernia: antenatal prognostic factors. Does cardiac ventricular disproportion in utero predict outcome and pulmonary hypoplasia? *Intensive Care Med* 23:10062-10069.
95. VanderWall KJ, Kohl T, Adzick NS, Silverman NH, Hoffman JI, Harrison MR. 1997. Fetal diaphragmatic hernia: echocardiography and clinical outcome. *J Pediatr Surg* 32:223-225; discussion 225-226.
96. Walsh DS, Hubbard AM, Olutoye OO, Howell LJ, Crombleholme TM, Flake AW, Johnson MP, Adzick NS. 2000. Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia. *Am J Obstet Gynecol* 183:1067-1069.
97. Wenstrom KD, Weiner CP, Hanson JW. 1991. A five-year statewide experience with congenital diaphragmatic hernia. *Am J Obstet Gynecol* 165:838-842.
98. Wilson JM, Fauza DO, Lund DP, Benacerraf BR, Hendren WH. 1994. Antenatal diagnosis of isolated congenital diaphragmatic hernia is not an indicator of outcome. *J Pediatr Surg* 29:815-819.
99. Wilson JM, Lund DP, Lillehei CW, Vacanti JP. 1991. Congenital diaphragmatic hernia: predictors of severity in the ECMO era. *J Pediatr Surg* 26:1028-1033; discussion 1033-1024.
100. Zach MS, Eber E. 2001. Adult outcome of congenital lower respiratory tract malformations. *Thorax* 56:65-72.
101. Zahka KG, Spector M, Hanisch D. 1993. Hypoplastic left-heart syndrome Norwood operation, transplantation, or compassionate care. *Clin Perinatol* 20:145-154.