

PEER-REVIEWED PUBLICATIONS

1. Hammer J, Mächler M, Schmid W. DNA-Diagnostik der Chorea Huntington. Schweiz Med Wschr 1987; 117: 2074-2080.
2. Hammer J, Mächler M, Schmid W, Schömig-Spangler M. Linked DNA markers in clinical diagnosis of juvenile Huntington's disease (letter). Lancet 1987; 8567: 1088.
3. Hammer J, Kläusler M, Schinzel A. The Popliteal Pterygium Syndrome. Distinct phenotypic variation in two families. Helv Paediat Acta 1988; 43: 507-514.
4. Wolff G, Deuschl G, Wienker T, Hummel K, Bender K, Lücking C, Schuhmacher M, Hammer J, Oepen G. New mutation to Huntington's disease. J Med Genet 1989; 26: 18-27.
5. Schömig-Spangler M, Hammer J, Kruse K. DNA analysis in juvenile Huntington disease. Eur J Pediatr 1989; 148: 447-449.
6. Hammer J, Grädel E, Signer E, Ohnacker H, Rinderknecht BP, Rutishauser M. Plasma Cell Granuloma of the Lung. Associated Laboratory Findings and Ultrastructural Evidence of Inflammatory Origin. Pediatr Pulmonol 1991; 10: 299-303.
7. Hammer J, Grädel E, Signer E, Ohnacker H, Rinderknecht BP, Rutishauser M. Plasmazellgranulom der Lunge. Pneumologie 1991; 45: 932-935.
8. Sivan Y, Hammer J, Newth CJL. Measurement of high lung volumes by the N₂ washout method. J Appl Physiol 1994; 77: 1562-1564.
9. Hammer J, Newth CJL, Deakers TW. Validation of the phase angle technique as an objective measure of upper airway obstruction. Pediatr Pulmonol 1995; 19: 167-173.
10. Hammer J, Newth CJL. Effect of lung volume on forced expiratory flows during rapid thoracoabdominal compression in infants. J Appl Physiol 1995; 78: 1993-1995.
11. Hammer J, Numa A, Newth CJL. Albuterol responsiveness in infants with respiratory failure due to RSV infection. J Pediatr 1995; 127: 485-490
12. Hammer J, Newth CJL. Rapid chest compression and flow limitation (letter). Eur Respir J 1995; 9: 1627-1628.
13. Hammer J, Newth CJL. Effort and volume dependence of forced deflation flow-volume relationships in intubated infants. J Appl Physiol 1996; 80: 345-350.
14. Hammer J, Sivan Y, Deakers TW, Newth CJL. Flow limitation in anesthetized rhesus monkeys: A comparison of rapid thoracoabdominal compression and forced deflation techniques. Pediatr Res 1996; 39: 539-546.
15. Hammer J, Numa A, Newth CJL. Acute respiratory distress syndrome induced by respiratory syncytial virus. Pediatr Pulmonol 1997; 23: 176-183.

16. Newth CJL, Stretton M, Deakers TW, Hammer J. Assessment of pulmonary function in the early phase of ARDS in pediatric patients. *Pediatr Pulmonol* 1997; 23: 169-175.
17. Hammer J, Newth CJL. Influence of endotracheal tube diameter on forced deflation flow-volume curves in rhesus monkeys. *Eur Respir J* 1997; 10: 1870-1873.
18. Newth CJL, Amsler B, Richardson BP, Hammer J. The effects of bronchodilators on spontaneous ventilation and oxygen consumption in rhesus monkeys. *Pediatr Res* 1997; 42: 157-162.
19. Numa A, Hammer J, Newth CJL. Effect of prone and supine positions on functional residual capacity, oxygenation and respiratory mechanics in ventilated infants and children. *Am J Respir Crit Care Med* 1997; 156: 1185-1189.
20. Hammer J, Numa A, Newth CJL. Total lung capacity by N₂ washout from high and low lung volumes in ventilated infants and children. *Am J Respir Crit Care Med* 1998; 158: 526-531.
21. Hammer J. Wie lautet Ihre Diagnose? „Bronchitis fibrinosa“. *Schweiz Rundsch Med Prax* 1998, 87: 1679-1681.
22. Trachsel D, Rutishauser M, Delfs-Jegge S, Hammer J. Pneumonia following rupture of echinococcal cyst: diagnosis with bronchoalveolar lavage. *Pediatr Pulmonol* 1998, 26: 434-437.
23. Newth CJL, Hammer J. Pulmonary function in ventilated infants with bronchiolitis (letter). *Pediatr Pulmonol* 1998; 26: 438-439.
24. Erb T, Hammer J, Rutishauser M, Frei F. Fiberoptic bronchoscopy in sedated infants facilitated by an airway endoscopy mask. *Paed Anaesth* 1999, 9: 47-52.
25. Patel NR, Hammer J, Nichani S, Numa A, Newth CJL. Effect of inhaled nitric oxide on respiratory mechanics in ventilated infants with RSV bronchiolitis. *Intensive Care Med* 1999; 25: 81-87.
26. Hammer J. Respiratorische Notfälle - Warum sind Säuglinge anfälliger. *Schweiz Rundsch Med Prax* 1999, 88: 1035-1037.
27. Trachsel D, Rutishauser M, Frei F, Hammer J. Akuter Effekt von inhalativem Stickstoffmonoxid auf die Oxygenation bei Kindern mit virus-induzierter, hypoxämischer Ateminsuffizienz. *Monatsschr Kinderheilkd* 1999; 147: 1090-1095.
28. Trachsel D, Hammer J. A vote for inhaled adrenaline in the treatment of severe upper airway obstruction caused by piercing of the tongue in hereditary angioedema (letter). *Intensive Care Med* 1999; 25: 1335-1336.
29. Bolz D, Kühne T, Jivraj R, Hammer J. Thrombolysis of prosthetic tricuspid valve thrombosis with human recombinant tissue plasminogen activator in an adolescent. *Pediatr Cardiol* 2000, 21(4):397-400.
30. Hammer J, Reber A, Trachsel D, Frei FJ. Effect of jaw-thrust and continuous positive airway pressure on tidal breathing in deeply sedated infants. *J Pediatr* 2001; 138:826-830.

31. Kamm M, Burger R, Rimensberger P, Knoblauch A, Hammer J. Survey of children supported by long-term mechanical ventilation in Switzerland. *Swiss Med Wkly* 2001; 131: 261-266.
32. Reber A., Bobbià SA, Hammer J, Frei FJ. Effect of airway opening manoeuvres on thoraco-abdominal asynchrony in anaesthetized children. *Eur Respir J* 2001; 17: 1239-1243.
33. Rohrer T, Trachsel D, Engelcke G, Hammer J. Congenital central hypoventilation syndrome associated with Hirschsprung's disease and neuroblastoma: case report and review of the literature. *Pediatr Pulmonol* 2002; 33: 71-76.
34. Hammer J. Frei F. Jaw-thrust and continuous positive airway pressure in infants (letter, reply to K. Lalwani). *J Pediatr* 2002; 140: 380.
35. Prisk GK, Hammer J, Newth CJL. Techniques for measurement of thoracoabdominal asynchrony. *Pediatr Pulmonol* 2002; 34: 462-472.
36. Barben J. Hammer J. Current management of acute bronchiolitis in Switzerland. *Swiss Med Wkly* 2003; 133:9-15.
37. Hammer J. Patel N. Newth CJL. Effect of forced deflation maneuvers upon measurements of respiratory mechanics in ventilated infants. *Intensive Care Med* 2003; 29: 2004-2008.
38. Schibler A, Hammer J, Isler R, Buess C, Newth CJ. Measurement of lung volume in mechanically ventilated monkeys with an ultrasonic flow meter and the nitrogen washout method. *Intensive Care Med* 2004; 30: 127-132.
39. Newth CJL, Rachman B, Patel N, Hammer J. The use of cuffed versus uncuffed endotracheal tubes in pediatric intensive care. *J Pediatr* 2004; 144: 333-337.
40. Hammer J. Bronchoscopy in critically ill children. *Pediatr Pulmonol* 2004; Suppl 26: 80-81.
41. Hammer J. Monitoring and assessment of acute lung injury. *Pediatr Pulmonol* 2004; Suppl 26: 123-124.
42. Hammer J. Short case presentation. Subglottal foreign body. *Paediatr Respir Rev.* 2004 Mar; 5(1):90-2.
43. Schulzke S, Adler H, Bär G, Heiningen U, Hammer J. *Mycobacterium bohemicum* – a cause of paediatric cervical lymphadenitis. *Swiss Med Wkly* 2004; 134: 221-222.
44. Lucking-Famira KM, Schulzke S, Hammer J. Cuffed endotracheal tube for occlusion of a tracheo-oesophageal fistula in an extremely low birth-weight infant. *Intensive Care Med* 2004; 30: 1249.
45. Corbelli R, Bringolf-Isler B, Amacher A, Sasse B, Spycher M, Hammer J. Nasal nitric oxide measurements to screen children for primary ciliary dyskinesia. *Chest* 2004; 126:1054-1059.
46. Berberich T, Haecker FM, Kehrer B, Erb TO, Gunthard J, Hammer J, Jenny PM. Postpericardiotomy syndrome after minimally invasive repair of pectus excavatum. *J*

Pediatr Surg. 2004; 39: e1-3.

47. D. Trachsel, T.O. Erb, F.J. Frei, J. Hammer. Use of continuous positive airway pressure during flexible bronchoscopy in young children. *Eur Respir J* 2005; 26: 773-777.
48. Ramelli GP, Hammer J. Swiss physicians' practices of long-term mechanical ventilatory support of patients with Duchenne Muscular Dystrophy. *Swiss Med Wkly* 2005; 135: 599-604.
49. Hammer J. ARDS - Long term follow up. *Paediatr Respir Rev* 2006; 7 Suppl 1: S192-193.
50. Hammer J. Ventilator strategies - What monitoring is helpful? *Paediatr Respir Rev* 2006; 7 Suppl 1: S183-185.
51. Moeller A, Steurer-Stey C, Suter H, Hofer M, Peter M, Brooks-Wildhaber J, Hammer J, Wildhaber JH. Disease control in asthmatic children seen in private practice in Switzerland. *Curr Med Res Opin* 2006;22:1295-1306.
52. von Ungern-Sternberg BS, Regli A, Frei FJ, Hammer J, Schibler A, Erb TO. The effect of caudal block on functional residual capacity and ventilation homogeneity in healthy children. *Anaesthesia* 2006; 61:758-763.
53. von Ungern-Sternberg BS, Hammer J, Schibler A, Frei FJ, Erb TO. Decrease of functional residual capacity and ventilation homogeneity after neuromuscular blockade in anesthetized young infants and preschool children. *Anesthesiology* 2006; 105: 670-675.
54. von Ungern-Sternberg BS, Frei FJ, Hammer J, Schibler A, Doerig R, Erb TO. Impact of depth of propofol anaesthesia on functional residual capacity and ventilation distribution in healthy preschool children. *Br J Anaesth* 2007; 98: 503-508.
55. Trachsel D, Heinimann K, Bosch N, Hammer J. Cystic fibrosis and intrauterine death. *J Perinatol* 2007; 27:181-182.
56. von Ungern-Sternberg BS, Regli A, Frei FJ, Hammer J, Jordi Ritz EM, Erb TO. Decrease in functional residual capacity and ventilation homogeneity after neuromuscular blockade in anesthetized preschool children in the lateral position. *Pediatric Anesthesia* 2007, 17: 841-845.
57. von Ungern-Sternberg BS, Regli A, Schibler A, Hammer J, Frei FJ, Erb TO. The impact of positive end-expiratory pressure on functional residual capacity and ventilation inhomogeneity impairment in anesthetized children exposed to high levels of inspired oxygen. *Anesth Analg* 2007; 104: 1364-1368.
58. von Ungern-Sternberg BS, Regli A, Frei FJ, Ritz EM, Hammer J, Schibler A, Erb TO. A deeper level of ketamine anesthesia does not affect functional residual capacity and ventilation distribution in healthy preschool children. *Paediatr Anaesth* 2007; 17: 1150-1155.
59. Trachsel D, Newth CJL, Hammer J. Adenosine for salbutamol-induced supraventricular tachycardia. *Intensive Care Med* 2007, 33: 1676

60. von Ungern-Sternberg BS, Hammer J, Frei FJ, Jordi Ritz EM, Schibler A, Erb TO. Prone equals prone? Impact of positioning techniques on respiratory function in anaesthetized and paralyzed healthy children. *Intensive Care Med* 2007; 33; 1771-1777.
61. Bruder E, Hofmeister J, Aslanidis C, Hammer J, Bubendorf L, Schmitz G, Ruffe A, Bühler C. Ultrastructural and molecular analysis in fatal neonatal interstitial pneumonia caused by a novel ABCA3 mutation. *Modern Pathol* 2007; 20:1009-1018.
62. Kubiak R, Habelt S, Hammer J, Hacker FM, Mayr J, Bielek J. Pulmonary Function Following Completion of Minimally Invasive Repair for Pectus Excavatum (MIRPE). *Eur J Pediatr Surg* 2007; 17: 255-260.
63. Knoepfli BH, Radtke T, Lehmann M, Schaetzle B, Eisenblaetter J, Gachnang A, Wiederkehr P, Hammer J, Brooks-Wildhaber J. Effects of a multidisciplinary inpatient intervention on body composition, aerobic fitness, and quality of life in severely obese girls and boys. *J Adolescent Health* 2008; 42: 119–127
64. Desax MC, Ammann RA, Hammer J, Schöni MH, Barben J. Nanoduct® sweat testing for rapid diagnosis in newborns, infants and children with cystic fibrosis. *Eur J Pediatr* 2008;167:299-304.
65. Ramser M, Hammer J, Amacher A, Trachsel D. The value of exhaled nitric oxide in predicting bronchial hyperresponsiveness in children. *J Asthma* 2008; 45:191-195.
66. Barben J, Kuehni CE, Trachsel D, Hammer J. Management of acute bronchiolitis: Can evidence-based guidelines alter clinical practice? *Thorax* 2008; 63(12):1103-1109.
67. Ruof H, Hammer J, Tillmann B, Ghelfi D, Weber P. Neuropsychological, behavioral, and adaptive functioning of Swiss children with congenital central hypoventilation syndrome. *J Child Neurol* 2008; 23(11):1254-1259.
68. Schiller B, Hammer J, Barben J, Trachsel D. Comparability of a hand-held nitric oxide analyzer with online and offline chemiluminescence NO measurement. *Pediatr Allergy Immunol* 2009; 20: 679- 685.
69. von Ungern-Sternberg BS, Trachsel D, Erb TO, Hammer J. Forced Expiratory Flows and Volumes in Intubated and Paralyzed Infants and Children. Normative Data up to 5 years of age. *J Appl Physiol* 2009; 107: 105-111.
70. Ross PA, Hammer J, Khemani R, Klein M, Newth CJ. Pressure-rate product and phase angle as measures of acute inspiratory upper airway obstruction in rhesus monkeys. *Pediatr Pulmonol* 2010; 45: 639-644.
71. Bonhoeffer J, Trachsel D, Hammer J, Nava E, Heininger U. Lemierre Syndrome and Nosocomial Transmission of *Fusobacterium Necrophorum* From Patient to Physician. *Klin Padiatr* 2010; 222 (7): 464-466.
72. Barben J, Kuehni CE, Strippoli MP, Schiller B, Hammer J, Trachsel D; On behalf of the Swiss Paediatric Respiratory Research Group. Mannitol dry powder challenge in comparison with exercise testing in children. *Pediatr Pulmonol* 2011; 46: 842-848.

73. Trachsel D, Brutsche MH, Hug-Batschelet H, Hammer J. Progressive static pulmonary hyperinflation in survivors of severe bronchopulmonary dysplasia by mid-adulthood. *Thorax* 2012; 67: 747 -748.
74. Weiss M, Dave M, Bailey M, Gysin C, Hoeve H, Hammer J, Nicolai T, Spielmann N, Gerber A. Endoscopic airway findings in children with or without prior endotracheal intubation. *Paediatr Anaesth* 2013; 23(2):103-110.
75. Barben J, Strippoli MP, Trachsel D, Schiller B, Hammer J, Kuehni CE. Effect of mannitol dry powder challenge on exhaled nitric oxide in children. *PLoS One*. 2013;8(1): e54521
76. Dave MH, Gerber A, Bailey M, Gysin C, Hoeve H, Hammer J, Nicolai T, Weiss M. The prevalence of tracheal bronchus in pediatric patients undergoing rigid bronchoscopy. *J Bronchology Interv Pulmonol*. 2014; 21(1): 26-31.
77. Radtke T, Knöpfli BH, Wildhaber JH, Hammer J. Comment to: The effects of an 8-week multicomponent inpatient treatment program on body composition and anaerobic fitness in overweight and obese children and adolescents. *Int J Gen Med* 2014; 7: 175-177.
78. Rajkumar S, Stolz D, Hammer J, Moeller A, Bauer GF, Huynh CK, Rössli M. Effect of a smoking ban on respiratory health in nonsmoking hospitality workers: a prospective cohort study. *J Occup Environ Med* 2014; 56: e86-91.
79. Dave MH, Gerber A, Bailey M, Gysin C, Hoeve H, Hammer J, Nicolai T, Weiss M. Prevalence and characteristics of tracheal cobblestoning in children. *Pediatr Pulmonol* 2015; 50: 995-999.
80. Salazar AM, Newth CJL, Khemani RG, Hammer J, Ross PA. Pulmonary function testing in infants with tetralogy of Fallot and absent pulmonary valve syndrome. *Ann Pediatr Card* 2015;8:108-12.
81. Furlano RI, Basek P, Müller P, Bieli C, Braegger CP, Barben J, Hammer J, Moeller A, Trachsel D. Pulmonary Function Test Abnormalities in Pediatric Inflammatory Bowel Disease. *Respiration* 2015; 90: 279-86.
82. Lenherr N, Lurà M, Trachsel D, Latzin P, Hammer J. Ivacaftor in a young boy with the rare gating mutation S549R - use of lung clearance index to track progress: a case report. *BMC Pulmonary Medicine* 2015;15:123
83. Hammer J, Trachsel D, Nicolai T, Weiss M, Eber E. Caution to use bronchoscopic CO₂ cryotherapy for foreign body removal in children. *Pediatr Pulmonol* 2016; 51:889-891.
84. von Ungern-Sternberg BS, Trachsel D, Zhang G, Erb TO, Hammer J. Topical Lidocaine Does Not Exaggerate Laryngomalacia in Infants During Flexible Bronchoscopy Under Propofol Anesthesia. *J Bronchology Interv Pulmonol* 2016; 23: 215-219.

REVIEW ARTICLES AND CONSENSUS STATEMENTS

1. Hammer J, Newth CJL. Infant pulmonary function testing in the Intensive Care Unit. *Intensive Care Med* 1995; 21: 744-752.
2. Hammer J. Die RSV Infektion im Kindesalter. *Schweiz Med Wschr* 1998, 128: 1366-1374.
3. Aebi C., Nadal D., Kind C., Pfister R, Barazzone C., Hammer J. Konsensus Statement zur Prävention von Respiratory Syncytial Virus (RSV)-Infektionen beim Neugeborenen und Säugling mit dem humanisierten monoklonalen Antikörper Palivizumab (SynagisTM). *Schweiz. Ärztezeitung* 1999; 50: 2927-2934.
4. Hammer J. Home mechanical ventilation in children: indications and practical aspects. *Schweiz Med Wochenschr* 2000; 130: 1894-1902.
5. Hammer J. Acute lung injury: pathophysiology, assessment and current therapy. *Paediatr Respir Rev* 2001; 2: 10-21.
6. Hammer J. Nasal CPAP in preterm infants – does it work and how? *Intensive Care Med* 2001; 27: 1689-1691.
7. Hammer J. Acquired upper airway obstruction. *Paediatr Respir Rev* 2004; 5: 25-33.
8. Macrae DJ, Field D, Mercier JC, Moller J, Stiris T, Biban P, Cornick P, Goldman A, Gothberg S, Gustafsson LE, Hammer J, Lonnqvist PA, Sanchez-Luna M, Sedin G, Subhedar N. Inhaled nitric oxide therapy in neonates and children: reaching a European consensus. *Intensive Care Med* 2004; 30: 372-380.
9. Trachsel D, Hammer J. Indications for tracheostomy in children. *Paediatr Respir Rev* 2006; 7: 162-168.
10. Corbelli R, Hammer J. Measurement of nasal nitric oxide. *Paediatr Respir Rev* 2007; 8:269-272.
11. Hammer J, Newth CJL. Assessment of thoraco-abdominal asynchrony. *Paediatr Respir Rev* 2009; 10:75-80.
12. Hammer J. Acute respiratory failure in children. *Paediatr Respir Rev* 2013; 14:64-69
13. Frey U, Barben J, Hammer J. Obstruktive Atemwegserkrankungen im Kindesalter. *Ther Umsch* 2013; 70: 669-679
14. Peterson-Carmichael S, Seddon PC, Cheifetz IM, Frerichs I, Hall GL, Hammer J, Hantos Z, van Kaam AH, McEvoy CT, Newth CJ, Pillow JJ, Rafferty GF, Rosenfeld M, Stocks J, Ranganathan SC; ATS/ERS Working Group on Infant and Young Children Pulmonary Function Testing. An Official American Thoracic Society/European Respiratory Society Workshop Report: Evaluation of Respiratory Mechanics and Function in the Pediatric and Neonatal Intensive Care Units. *Ann Am Thorac Soc*. 2016; 13: S1-S11.
15. Nicolai T, Schramm D., Hammer J, Eber E, Eich C. B., Hinrichs B. Bronchoskopie bei Kindern. Positionspapier zur rationalen Indikationsstellung und sicheren technischen

Durchführung. Monatsschr Kinderheilkd 2016; 3: 218-230.

16. Eich C, Laschat M, Becke K, Höhne C, Nicolai T, Hammer J, Deitmer T, Sittel C, Bootz F, Jungehülsing M, Windfuhr J, Schmittenebecher P, Schubert KP, Klassen M. Interdisziplinäre Versorgung von Kindern nach Fremdkörperaspiration und Fremdkörperingestion. Anästh Intensivmed 2016;57:522-11
17. Eich C, Nicolai T, Hammer J, Deitmer T, Schmittenebecher P, Schubert KP, Laschat M, Sittel C, Claßen M, Becke K, Bootz F, Höhne C, Jungehülsing M, Windfuhr J. Interdisziplinäre Versorgung von Kindern nach Fremdkörper aspiration und Fremdkörperingestion. Laryngorhinootologie 2016; 95(5): 321-331.
18. Eich C, Nicolai T, Hammer J, Deitmer T, Schmittenebecher P, Schubert KP, Laschat M, Sittel C, Claßen M, Becke K, Bootz F, Höhne C, Jungehülsing M, Windfuhr J. Interdisziplinäre Versorgung von Kindern nach Fremdkörperaspiration und -ingestion. Zusammenfassung der S2k-Leitlinie, AWMF-Registernummer 001–031. Monatsschr Kinderheilkd 2016; 164:1029–1034.
19. Kneyber MCJ, de Luca D, Calderini E, Jarreau PH, Javouhey E, Lopez-Herce J, Hammer J, Macrae D, Markhorst DG, Medina A, Pons-Odena M, Racca F, Wolf G, Biban P, Brierley J, Rimensberger PC; section Respiratory Failure of the European Society for Paediatric and Neonatal Intensive Care. Recommendations for mechanical ventilation of critically ill children from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC). Intensive Care Med 2017; 43:1764-1780.

BOOK CHAPTERS

1. Hammer J. Chorea Huntington, Crome Syndrom, Dentinogenesis imperfecta II, Eldridge-Berlin-McKusick-Syndrom, Keutel Syndrom, Mirhosseini Holmes-Walton-Syndrom, Osebold-Remondini Syndrom. In: Leiber. Die klinischen Syndrome. 7. völlig neu bearbeitete Aufl. 1990. München; Wien; Baltimore: Urban & Schwarzenberg. ISBN 3-541-01707-4.
2. Hammer J. Chorea Huntington, Crome Syndrom, Dentinogenesis imperfecta II, Eldridge-Berlin-McKusick-Syndrom, Keutel Syndrom, Mirhosseini Holmes-Walton-Syndrom, Osebold-Remondini Syndrom. In: Leiber. Die klinischen Syndrome. 8. völlig neu bearbeitete Aufl. 1996. München; Wien; Baltimore: Urban & Schwarzenberg. ISBN 3-541-01718-X.
3. Hammer J, Newth CJL. Respiratory syncytial virus infection in children. In: J.-L. Vincent. Yearbook of Intensive Care and Emergency Medicine, Springer Verlag, Berlin, 1997 (ISSN 0942-5381); 625-637.
4. Hammer J. Forced expiratory flow analysis in infants and preschool children. In: Carlsen CH, Sennhauser F, Warner JO, Zach MS, editors. New diagnostic techniques in paediatric respiratory medicine. Eur Respir Mon 1997; 5: 1-26.
5. Newth CJL, Hammer J. Pulmonary issues. In: A.C. Chang, F.L. Hanley, G. Wernovsky, D.L. Wessel. Pediatric Cardiac Intensive Care. Williams & Wilkins, Baltimore, 1998, pp 351-367.
6. Hammer J. Atemmechanik . In: C. Rieger, H. von der Hardt, F.H. Sennhauser, U. Wahn, M. Zach. Pneumologie des Kindes- und Jugendalters. Springer Verlag Berlin; 1999 (ISBN 3-540-64637-X), pp 38-47 und 2nd Edition 2004, pp 36-44.

7. Hammer J, Frey U. Atemphysiologie. In: Lentze MJ, Schaub J, Schulte FJ, Spranger J. Pädiatrie, Grundlagen und Praxis. Springer Verlag Berlin; 2000, pp927-930.
8. Hammer J. Behandlung des Asthma bronchiale auf der Intensivstation. In: Paul K. Asthma bronchiale bei Kindern und Jugendlichen. Wissenschaftliche Verlagsgesellschaft mbH, Stuttgart; 2003; pp 194-202.
9. Hammer J. Indikationen zur Bronchoskopie im Kindesalter. In: Reinhardt MC. Asthma beim Kind und beim Erwachsenen. Neue Erkenntnisse für den Praktiker. F.E.R.A.I, Lausanne 2000 (ISBN 2-9700123-2-4); pp 79-91.
10. Hammer J, Eber E. The peculiarities of infant respiratory physiology. Hammer J, Eber E (eds): Paediatric Pulmonary Function Testing. Prog Respir Res, Basel, Karger 2005, Vol 33, pp 2-7.
11. Newth CJL, Hammer J. Measurements of thoraco-abdominal asynchrony and work of breathing in children. Hammer J, Eber E (eds): Paediatric Pulmonary Function Testing. Prog Respir Res, Basel, Karger 2005, Vol 33, pp 148-156.
12. Corbelli R, Hammer J. Measurement of nasal nitric oxide. Hammer J, Eber E (eds): Paediatric Pulmonary Function Testing. Prog Respir Res, Basel, Karger 2005, Vol 33, pp 181-189.
13. Hammer J, Newth CJL. Pulmonary function testing in the neonatal and paediatric intensive care unit. Hammer J, Eber E (eds): Paediatric Pulmonary Function Testing. Prog Respir Res, Basel, Karger 2005, Vol 33, pp 266-281.
14. Numa AH, Hammer J, Newth CJL. Near drowning and drowning. In: Chernick V, Boat TF, Willmott RW, Bush A. Kendig's Disorders of the Respiratory Tract in Children. 7th Edition, Saunders Elsevier, Philadelphia, 2006, pp 661-665.
15. Rimensberger PC, Hammer J. Mechanical ventilation in the neonatal and pediatric setting. In: Tobin MJ. Principles and Practice of Mechanical Ventilation. 2nd Edition, McGraw Hill, 2006, pp 543-571.
16. Kimpen JLL, Hammer J. Bronchiolitis in infants. Eur Respir Mon 2006; 37: 170-190.
17. Rimensberger PC, Hammer J. Mechanical ventilation in the neonatal and pediatric setting. In: Tobin MJ. Principles and Practice of Mechanical Ventilation. 3rd Edition, McGraw Hill, 2013, pp 573-596
18. Numa A, Hammer J, Newth C. Drowning. In: Willmott RW, Boat TF, Bush A, Chernick V, Deterding RR, Ratjen F. Kendig und Chernick's Disorders of the respiratory tract in children. 8th Edition, Elsevier, 2012, pp 600-604.
19. Barben J, Hammer J. Akute virale Bronchiolitis. In: von Mutius E, Gappa M, Eber E, Frey U. Pädiatrische Pneumologie, Springer, 2014, pp 541-547.
20. Hammer J, Pflieger A. Langzeitbetreuung bei chronischen Lungenerkrankungen. In: von Mutius E, Gappa M, Eber E, Frey U. Pädiatrische Pneumologie, Springer, 2014, pp 773-786.

21. Trachsel D, Hasler CC, Hammer J. Chest wall disorders. In: Eber E, Midulla F. ERS Handbook Paediatric Respiratory Medicine, 2013.
22. Trachsel D, Hammer J. Bronchoscopy in Pediatric and Neonatal Intensive Care. In: Rimensberger PC. Pediatric and Neonatal Mechanical Ventilation. From Basics to Clinical Practice, Springer 2015, pp 1001-1015.

BOOKS

1. Hammer J, Eber E (eds). Paediatric Pulmonary Function Testing. Prog Respir Res, Basel, Karger 2005, Vol 33