



## Curriculum Vitae

Name: Plötz, Frans Berend  
Date of Birth: November 22,1964  
Place of Birth: Emmen  
Address: Minervalaan 54hs, 1077PC Amsterdam  
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Nationality: Dutch  
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## Positions Held:

2011-07 Staff Pediatrician, Tergooi, Blaricum, NL  
2010-09 Pediatric-intensivist, Erasmus Medical Center- Sophia Children's Hospital, Rotterdam, NL  
2009-09 Sabbatical leave  
2003-2009 Staff Pediatric-intensivist, Associate Professor and Medical Director Dept. of Pediatric Intensive Care, VU University Medical Center, Amsterdam, NL (Patient Care: 0.30 fte; Research 0.25 fte; Teaching / Education 0.25 fte; Management 0.20 fte)  
2000-2003 Staff Pediatrician, St. Antonius Hospital, Nieuwegein, NL  
1999-2000 Staff Pediatric-intensivist, Wilhelmina's Children Hospital / UMC, Utrecht NL

## Education and Degrees:

1997-1999 **Specialisation Pediatric Intensive Care:**  
Fellow, Department of Pediatric Intensive Care, Wilhelmina's Children Hospital / UMC, Utrecht, NL  
January 2000: Board Certification Pediatric Intensive Care, NL  
1992-1997 **Medical training / Specialisation Pediatrics:**  
Resident, Departments of Pediatrics, University Hospital Groningen en Sophia Ziekenhuis Zwolle, NL  
October 1997: Board Certification Pediatrics, NL  
1990-1992 **Post graduate training:**  
PhD student, Dept. of Thoracic Surgery, University of Michigan, Ann Arbor, MI, USA, and Dept. of Pediatrics and Thoracic Surgery, University Hospital Groningen, NL. Thesis title: "Surfactant and extracorporeal life support" (defended: 23 september 1992)  
1990 Medical degree, Medical School, University of Groningen, NL

## **Research**

### **Supervised PhD Research projects**

Rens Zonneveld. Early onset sepsis in Suriname  
Promotie 11 december 2017, RU Groningen

Susanne Stalman. 'Start small, think big'. Growth monitoring, genetic analysis, treatment and quality of life in children with growth disorders.

PhD: 8 november 2016, UvA

Lonneke Smeding. Mechanical ventilation and myocardial dysfunction.

PhD: 21 juni 2012, VU

Jan Willem Kuiper. Mechanical ventilation and acute renal failure

PhD: 14 mei 2012, VU

### **Current PhD projects**

Maybritt Kuypers. Procedurele sedatie en analgesie op de SEH

Plannen PhD 2019, UvA

Nicky Niele. Mild traumatic head injury

Plannen PhD 2020, UvA

Niek Achten. Early onset neonatal sepsis

Plannen PhD 2019, UvA

Michael van Kalleveen. Trends in common pediatric gastrointestinal disorders.

Plannen PhD 2021, UvA

### **Member PhD Review Committee**

Rianne Jongman, 1 november 2017, RU Groningen

Marsh Königs, 12 december 2016, VU

Harriet Vreugdenhil, 28 november 2003, RU Utrecht

### **Tergooi functions:**

2013

Chair Scientific Program Committee Tergooi

2018

Dean Research Tergooi

### **Personal characteristics:**

- Pro-active, self-starter mentality
- Transparent, open & communicative
- Team-player with a partnership attitude
- Ambitious but modest
- Self-criticism
- Strong-minded

### **Hobbies:**

- Various sports (i.e. running, skiing, fitness, soccer)
- Travel

## Publications:

1. Plötz FB, Houwerzijl J, Hoogkamp-Korstanje JA, Root JJ. Totaal AV-blok als gevolg van Lyme-borreliose. *Hartbulletin* 1989;20:184-7
2. Plötz FB, Houwerzijl J. Commentaar: Cardiologische afwijkingen bij patienten met Lyme-borreliose. *Ned Tijdschr Geneesk* 1989;133:416
3. Plötz FB, Baldew IM. Diagnostiek bij enuresis nocturna. *Ned Tijdschr Geneesk* 1991;135:1547-9
4. Deluga KS, Plötz FB, Betz AL. Effect of indomethacin on edema following single and repetitive cerebral ischemia in the gerbil. *Stroke* 1991;22:1259-64
5. Plötz FB, Oeveren W van, Aloe L, Riley M, Hultquist KA, Wildevuur ChRH, Bartlett RH. Prophylactic administration of tranexamic acid preserves platelet numbers during extracorporeal circulation in rabbits. *ASAIO Transactions* 1991;37:416-7
6. Plötz FB, Wildevuur W, Delius RE, Bartlett RH, Wildevuur ChRH. Platelet consumption and blood requirements during neonatal extracorporeal life support (ECLS). *Perfusion* 1992;7:27-33
7. Plötz FB, Oeveren W van, Miller C, Hultquist KA, Bartlett RH, Wildevuur ChRH. A heparin coated circuit reduces complement activation and the release of leukocyte inflammatory mediators during extracorporeal circulation in rabbit. *Artificial Organs* 1992;16:366-70
8. Plötz FB. Surfactant and extracorporeal life support. *Tijdschr Kindergeneesk* 1992;60:242-4
9. Plötz FB, Oeveren W van, Bartlett RH, Wildevuur ChRH. Blood activation during neonatal extracorporeal life support (ECLS). *J Thorac Cardiovasc Surg* 1993;105:823-32
10. Bleek J van der, Plötz FB, Overbeek F van, Heikamp A, Wildevuur ChRH, Okken A, Bambang Oetomo S. The distribution of exogenous surfactant in rabbits with severe respiratory failure: the effect of volume. *Pediatr Res* 1993;34:154-8
11. Waals-van de Wal CMJA, Plötz FB, Kollée LAA, Baldew IM, Jansen FHM, Okken A. Grote verschillen in fotherapiebeleid in Nederlandse centra bij icterus neonatorum. *Ned Tijdschr Geneesk* 1993;137:2319-23. Comment: Plötz FB, Okken A. Commentaar: Grote verschillen in fotherapiebeleid in Nederlandse centra bij icterus neonatorum. *Ned Tijdschr Geneesk* 1993;137:2671-2
12. Plötz FB, Mook PH, Heikamp A, Brus F, Okken A, Bambang Oetomo S, Wildevuur ChRH. Large volume instillation of surfactant during extracorporeal life support improves lung function in lung lavaged rabbits. *ASAIO Journal* 1993;39:470-4
13. Plötz FB, Stevens H, Heikamp A, Bambang Oetomo S. The distribution of a second dose of surfactant in rabbits with severe respiratory failure. *Pediatr Res* 1995;37:476-81
14. Yska A, Plötz FB, Kramer E, Van Lookeren Campagne JG. Voorbijgaande erythroblastopenie bij kinderen: een onschuldige vorm van anemie. *Ned Tijdschr Geneesk* 1996;140:613-6
15. Plötz FB, Essen AJ van, Bosschaart AN, Bos AP. Cerebro-costo-mandibular syndrome. *Am J Med Genet* 1996;62:286-92 en 1996;64:527
16. Plötz FB, Knoester H, Heijmans HSA. Fulminante leverinsufficiëntie en de mogelijke rol van intracraniale drukmeting, ook bij kinderen. *Ned Tijdschr Geneesk* 1996;140:2274-6
17. Plötz FB, Waalkens HJ, Verkade HJ, Strengers JLM, Knoester H, Mandema JM. Fatal side-effects of continuous propofol infusion in children may be related to malignant hyperthermia. *Anaesth Intensiv Care* 1996;24:724.
18. Plötz FB, Waalkens HJ, Verkade HJ. Fatal side-effects of continuous propofol infusion in children may be related to malignant hyperthermia. *Anaesth Intensiv Care* 1997;25:581-5
19. Waalkens HJ, Plötz FB, Verkade HJ, Strengers JLM, Knoester H, Mandema JM. Langdurige sedatie met propofol gecontraïndiceerd bij kinderen. *Ned Tijdschr Geneesk* 1997;141:440-2. Comment: Waalkens HJ, Plötz FB, Verkade HJ, Strengers JLM, Knoester H, Mandema JM. Commentaar: Langdurige sedatie met propofol gecontraïndiceerd bij kinderen. *Ned Tijdschr Geneesk* 1997;141:1072
20. Plötz FB. Extracorporeal membrane oxygenation and clotting revisited. *J Pediatr* 1997;130:847-8
21. Plötz FB, Mook PH, Jansen NJG, Bambang Oetomo S, Wildevuur ChRH. Reduction in adverse effects of mechanical ventilation in rabbits with acute respiratory failure by treatment with extracorporeal CO<sub>2</sub> removal and large fluid volume of diluted surfactant. *ASAIO Journal* 1997;43:916-21
22. Pierik LJWM, Plötz FB. Acute darmobstructie bij kinderen in de neonatale periode. *Tijdschr Geneesk* 1998;54:529-33
23. Koopman LP, Plötz FB, Meuzelaar JJ, Knoester H. Thymic cysts hemorrhages and transient cholestatic liver function disorders in a four week old infant. *Eur J Pediatr* 1998;157:236-8

24. Plötz FB, Van Lingen RA, Bos AP. Venous oxygen measurements in the inferior vena cava in neonates with respiratory failure. *Critical Care* 1998;2:57-60
25. Vught AJ van, Plötz FB, Duval ELIM, Markhorst DG, Genderingen HR van, Gemke RJB. Hoge frequentie beademing. *Ned Tijdschr Intensive Care* 1998;13:47-52
26. Vos AFW, Plötz FB, Martijn A, Langen ZJ de. Dilemma's rond necrotiserende enterocolitis (NEC). *Tijdschr Geneesk* 1999;55:34-8
27. Plötz FB, Vught AJ van. Longschade door beademing. *Ned Tijdschr Geneesk* 1999;143:133-7
28. Plötz FB, Arets HGM, Flear A, Gemke RJB. Lethal encephalopathy in childhood shigellosis. *Eur J Pediatr* 1999;158:550-2
29. Plötz FB, Vught AJ van, Heijnen CJ. Ventilator-induced lung inflammation: is it always harmful? *Intensive Care Med* 1999;25:236
30. Rosenstiel IA von, Plötz FB. ECLS in pertussis: does it have a role? *Intensive Care Med* 1999;26:1341-2
31. Vught AJ van, Plötz FB, Duval ELIM, Markhorst DG. Hoge frequentie beademing (HFOV). *Leerboek Beademingscursus NVIC ISBN 90-75523-27-0* 2000:69-85
32. Geraerts S, Plötz FB, Goor C van, Duval ELIM, Vught AJ van. Unilateral fixed dilated pupil in a ventilated child with asthma. *Eur J Emerg Med* 2000;7:247-8
33. Plötz FB, Arets HGM, Flear A, Gemke RJB. Childhood shigellosis complicated by lethal toxic encephalopathy: a case report. *Pediatr Rev J* 2000;2:8-9
34. Plötz FB, Brakel MJM van, Gooskens RHJM. Acute toxische encephalopathie bij kinderen: een bedrieglijk ernstig ziektebeeld. *Ned Tijdschr Geneesk* 2000; 144:1569-72
35. Valk JW, Plötz FB, Schuerman F, Vught AJ van, Kramer PPG, Beek FJA,. The value of routine chest radiographs in a paediatric intensive care unit: a prospective study. *Pediatr Radiol* 2001;31:343-7
36. Prins I, Plötz FB, Uiterwaal CSPM, Vught AJ van. Low-dose dopamine in neonatal and paediatric intensive care: a systematic review. *Intensive Care Med* 2001;27:206-10
37. Plötz FB. Ventilator-induced lung injury. *Intensive Care Med* 2001;27:452
38. Plötz FB, Vught AJ van, Uiterwaal CSPM, Riedijk M, Ent CK van de. Exercise induced desaturation; a late complication of meningococcal disease? *JAMA* 2001;285:293-4
39. Houten MA van, Plötz FB. CRP values in neonatal sepsis. *Pediatr Infect Dis J* 2001;20:555.
40. Kaal ECA, Braun KPJ, Mauser HW, Diemen-Steenvoorde JAA, Franssen H, Plötz FB. Een zuigeling met pijn en meningeale prikkeling: denk ook aan Guillain-Barré. *Ned Tijdschr Geneesk* 2001;145:1509-11
41. Plötz FB, Uiterwaal CSPM, Riedijk M, Vught AJ van, Ent CK van de. Arteriele zuurstofsaturatie enkele jaren na een meningokokkenseosissyndroom: ernstige daling na maximale inspanning bij 6 van de 18 onderzochte kinderen. *Ned Tijdschr Geneesk* 2002;146:120-3
42. Plötz FB, Vreugdenhil HAE, Slutsky AS, Zijlstra J, Heijnen CJ, van Vught AJ. Mechanical ventilation alters the immune response in ventilated children without lung pathology. *Intensive Care Med* 2002;28:486-92.
43. Plötz FB, Vreugdenhil HAE, Slutsky AS, Zijlstra J, Heijnen CJ, van Vught AJ. Mechanical ventilation and the immune response. *Intensive Care Med* 2002;28:1367
44. Dolman KM, Plötz FB, Wolfs TWF, Beunders JHJ, van Vught AJ. Tetanus bij een jong ongevaccineerd meisje na een val op straat. *Ned Tijdschr Geneesk* 2002;146:668-72
45. Breukels MA, Plötz FB, Nieuwenhuizen O van, Van Diemen-Steenvoorde JAAM. Breath holding spells in a 3-day old neonate: an unusual early presentation in a family with a history of breath holding spells. *Neuropediatrics* 2002;33:41-2
46. Prins I, Plötz FB, Uiterwaal CSPM, Vught AJ van. Lage dosis dopamine in de neonatale en pediatrie intensive care: is er nog een indicatie? *Tijdschr Kindergeneesk* 2002;70:139-42
47. Plötz FB, Valk JW. Routine chest radiographs in pediatric intensive care units'. *Pediatrics* 2002;110:421
48. Plötz FB, Brand PLP. Een kind met chronisch hoesten. In: van Roord JJ, van Diemen-Steenvoorde JAAM. *Probleemgeoriënteerd denken in de kindergeneeskunde: een praktijkboek voor de opleiding en de kliniek.* 2002:211-7
49. Vries J de, Plötz FB, Vught AJ van. Pulse oximeter-enhanced accuracy of capnometry in children with cyanotic heart disease. *Intensive Care Med* 2002;28:1336-39
50. Van Gestel JPJ, L'Hoir MP, Ten Berge M, Jansen NJG, Plötz FB. Current risks of an ancient practice in modern times. *Pediatrics* 2002;110:e78
51. Schadenberg A, Plötz FB, Flear A, Vught AJ van, Kimpen JLL, Wolfs TWF. Macroscopic aspect of sputum from intubated children does not predict microbiological results. *Clin Intensive Care* 2002;13:161-4

52. Plötz FB, Vreugdenhil HAE, van Vught AJ, Heijnen CJ. Mechanical ventilation and multiple organ failure. *Lancet* 2003;361:1654
53. Vreugdenhil HAE, Haitsma JJ, Jansen NJ, Zijlstra J, Plötz FB, Van Dijk JE, Lachmann B, van Vught AJ, Heijnen CJ. Ventilator-induced heat shock protein 70 and cytokine mRNA expression in a model of lipopolysaccharide-induced lung inflammation. *Intensive Care Med* 2003;29:915-22
54. Huijssoon E, Woerdeman PA, van Diemen-Steenvoorde JAAM, Hanlo PW, Plötz FB. An eight-year-old boy with a Pott's Puffy Tumor. *Int J Pediatr Otorhinolaryngol* 2003;67:1023-6
55. Plötz FB, Hassing MBF, Sibarani-Ponsen RD, Markhorst DG. Differentiated HFO and CMV for independent lung ventilation in a pediatric patient. *Intensive Care Med* 2003;29:1855
56. Stuiver AJ, de Jong TPVM, Ribbert LSM, Plötz FB. Een peuter met genitaal bloedverlies. *Tijdschr Kindergeneeskd* 2003;71:239-41
57. Terheggen-Lagro SWJ, Schipper JA, van Diemen-Steenvoorde JAAM, Plötz FB. Respiratoire distress bij de a terme neonat. *Tijdschr Kindergeneeskd* 2003;71:241-6
58. van den Bosch MAAJ, Vos JA, de Letter MAJC, van Diemen-Steenvoorde JAAM, Plötz FB. MR imaging findings in a young patient with sigmoid sinus thrombosis following mastoiditis. *Pediatr Radiol* 2003;33:877-9
59. Vreugdenhil HAE, Heijnen CJ, Plötz FB, Zijlstra J, Jansen NJG, Haitsma JJ, Lachmann B, van Vught AJ. Mechanical ventilation affects peripheral immune functioning in the healthy rat. *Eur Respir J* 2004;23:122-8
60. Heitink-Pollé KMJ, Rammeloo L, Hruda J, Plötz FB. Rapid and full recovery after life threatening complete atrioventricular block: isolated feature of myocarditis? *Eur J Pediatr* 2004;163:410-1
61. Plötz FB, Dahlem PG, Albers MJJJ. Telegeneeskunde en de zorg voor vitaal bedreigde kinderen. *Tijdschr Kindergeneeskd* 2004;72:96-100
62. Veenendaal M van, Plötz FB, Nikkels PGJ, Bax NMA. Further evidence for an ischemic origin of perforation of the appendix in the neonatal period. *J Pediatr Surg* 2004;39(8):E11-2
63. Plötz FB, Smit LME. De behandelend arts en de verklaring van natuurlijke dood bij kinderen. *Ned Tijdschr Geneeskd* 2004;148:1569-72. Comment: Plötz FB, Smit LME. De behandelend arts en de verklaring van natuurlijke dood bij kinderen. *Commentaar. Ned Tijdschr Geneeskd* 2004;148:2044
64. Plötz FB, Prins I. Small-dose dopamine in critically ill infants and children. *Letter. Anesth Analg* 2004;99:1262-3
65. Plötz FB, Slutsky AS, van Vught AJ, Heijnen CJ. Ventilator-induced lung injury and multiple system organ failure: a critical review of facts and hypotheses. *Intensive Care Med* 2004;30:1865-72
66. Groeneveld ABJ, Plötz FB, van Genderingen H. Monitoring the permeability edema of ventilator-associated lung injury. *Crit Care Med* 2005;33:250-3
67. Berghout EM, Peetsold MG, Verboom AJ, Plötz FB. Inspiratoire stridor bij een kind met niet de verwachte laryngitis subglottica, maar retrofaryngeaal abces. *Ned Tijdschr Geneeskd* 2005;149:478-48
68. Slee-Wijffels FYAM, van der Vaart KRM, Twisk JWR, Markhorst DG, Plötz FB. High Frequency Oscillatory Ventilation in Children: a single center experience of 53 cases. *Crit Care* 2005;9:R274-9
69. Kuiper JW, Groeneveld ABJ, Slutsky AS, Plötz FB. Acute renal failure and mechanical ventilation. *Crit Care Med* 2005;33:1408-15
70. Plötz FB, Hulst HE, Twisk JWR, Bökenkamp A, Markhorst DG, Wijk JAE van. The effect of renal replacement therapy in children with severe septic shock. *Pediatr Nephrol* 2005;20:1177-81
71. Kuiper JW, Plötz FB. Schade door beademing. In: Bakker J, de Lange B, Rommes JH. *Intensive Care Capita Selecta*. 2005:15-20
72. Plötz FB. Is IL-6 clinically relevant? *Crit Care Med* 2005;33:1893-4
73. Furth AM van, Vermeulen RJ, Plötz FB. Commentaar: Pneumokokkenvaccinatie; argumenten om ouders te informeren over de mogelijkheden. *Ned Tijdschr Geneeskd* 2005;149:2024-5
74. Heerde van M, Sturkenboom MGG, Zweegman S, Labadie J, Plötz FB. Fatal intracranial haemorrhage associated with the administration of low-molecular-weight-heparin in an infant. *Eur J Pediatr* 2005;164:589-90
75. Haasnoot M, van Leeuwen E, Plötz FB. De besluitvorming omtrent levensverlengend medisch handelen op een afdeling kinderintensive care. *Ned Tijdschr Geneeskd* 2005;149:2029-31. Comment: van Leeuwen E, Plötz FB, Haasnoot M. Commentaar: De besluitvorming omtrent levensverlengend medisch handelen op een afdeling kinderintensive care. *Ned Tijdschr Geneeskd* 2005;149:2701

76. Gast de-Bakker DAH, Plötz FB. "Ik zie wat jij niet ziet....": de meerwaarde van de kinderintensivist op de OK en SEH. In: Bierens JJLM, Turner NM. Het vitaal bedreigde kind in de urgentiegeneeskunde. Elsevier Gezondheidszorg, Maarssen, 2005:89-99
77. Kneyber MCJ, Plötz FB, Sibarani-Ponsen RD, Markhorst DG. High-frequency Oscillatory Ventilation (HFOV) facilitates expiration in small airway disease: the open airway concept. *Respir Med* 2005;99:1459-61
78. Van Vuurden DG, Plötz FB, de Jong M, van Wijk JAE. Therapeutic total plasma exchange in a child with neuroblastoma related anti-Hu syndrome. *Pediatr Nephrol* 2005;20:1655-6
79. Kneyber MCJ, Plötz FB, Kimpen JLL. Paediatric viral lower respiratory tract disease necessitating mechanical ventilation: should we use exogenous surfactant ? *Crit Care* 2005;9:550-5
80. Bolt RJ, Nagelkerke AF, Kneyber MCJ, Kopp EF, Plötz FB. A 2-year-old girl with spontaneous pneumomediastinum and subcutaneous emphysema after fierce resistance to nebulization of bronchodilators. *Respir Med Extra* 2005;1:124-6
81. Plötz FB. Surfactant therapy and extracorporeal life support. *Crit Care* 2006;10:401
82. Goudswaard J, de Vries ALC, Plötz FB. Angstsymptomen als uiting van midazolam onthoudingsverschijnselen op de kinderintensive care; soms moeilijk te voorkomen en te herkennen, maar eenvoudig te behandelen. *Tijdschr Kindergeneeskd* 2006;1:18-21
83. Van Rijswijk CWE, Kneyber MCJ, Plötz FB. Accidental ecstasy intoxication in an eight-month-old infant. *Intensive Care Med* 2006;32:632-3
84. Heerde M van, Genderingen HR van, Leenhoven T, Plötz FB, Roubik K, Markhorst DG. Imposed work of breathing during high-frequency oscillatory ventilation. *Crit Care* 2006;10:R23
85. Kamerbeek A, Kneyber MCJ, Efthymiou, KM, Rinkel RNPM, Plötz FB. Bacteriële tracheïtis als oorzaak van acute respiratoire insufficiëntie bij 2 tieners. *Ned Tijdschr Geneeskd* 2006;150:440-3
86. Gast-Bakker DAH de, Blom DJM, Kneyber MCJ, Peper JAK, Bos AP, Plötz FB. First experience with a continuous retrieval system for the critically ill child in the Amsterdam region. *Neth J Crit Care* 2006;10:429-9
87. Heerde M van, Roubik K, Kopelent V, Plötz FB, Markhorst DG. Unloading work of breathing during high-frequency oscillatory ventilation: a bench study. *Crit Care* 2006;10:R103
88. Kneyber MCJ, Markhorst DG, Plötz FB. Mechanical ventilation with heliox decreases respiratory system resistance and enhances CO<sub>2</sub> removal in obstructive airway disease. *Intensiv Care Med* 2006;
89. Ten Berge J, Gast-Bakker DAH de, Plötz FB. Circumstances surrounding dying in the pediatric intensive care unit. *BMC Pediatrics* 2006;6:22
90. den Ouden MM, Gemke RJB, Fetter WPF, Plötz FB. De impact van het overlijden van een kind tijdens de opleiding tot kinderarts. *Tijdschr Kindergeneeskd* 2007;75:10-3
91. Kneyber MCJ, Noordhof A, Plötz FB. Severe pediatric trauma is often preventable. *J Intensiv Care Med* 2007;22:56
92. Nugteren P, Paul MA, Plötz FB. Rupture of the right main bronchus: case of a four year old girl. *Eur J Emerg Med* 2007;14:97-9
93. Gast-Bakker DAH de, van der Werff SD, Sibarani-Ponsen RD, Swart EL, Plötz FB. Age is of influence on midazolam requirements in a pediatric intensive care unit. *Acta Paediatrica* 2007;96:414-7
94. Kneyber MCJ, Plötz FB. Respiratory syncytial virus (RSV) in the pediatric intensive care unit: still going strong. In: Vincent JD. *Yearbook in Intensive Care* 2007:145-57
95. Mutsaers P, Fick M, Plötz FB. Acquired torticollis as the initial only presenting symptom in a child with a brainstem glioma. *Eur J Pediatr* 2007;166 :1075-6
96. Plötz FB, Kneyber MCJ, Heerde M van, Markhorst DG. Traumatic paediatric brain injury and intracranial pressure monitoring: does it really improve outcome ? *Intensive Care Med* 2007;33:1675
97. Kneyber MCJ, Hersi MI, Twisk JWR, Markhorst DG, Plötz FB. Red blood cell transfusion in critically ill children is independently associated with increased morbidity and mortality. *Intensive Care Med* 2007;33:1414-22
98. Kneyber MCJ, Markhorst DG, van Heerde M, Plötz FB. Lessons from pediatric HFO may extend the indications for adult HFO. *Crit Care Med* 2007;35:2472-3
99. Kneyber MCJ, Kuiper JW, Plötz FB. Ventilation-induced lung injury: the cause of multiple system organ failure ? In: Schultz MJ, Spronk PE. *Immunology in Intensive Care Medicine* (ISBN 81-308-0044-6). 2007:15-27
100. Vaschetto RS, Kuiper JW, Uhlig S, Haitsma JJ, Juco J, Plötz FB, Della Corte F, Zhang H, Slutsky AS. Inhibition of Poly(ADP-ribose) polymerase 1 attenuates ventilator-induced lung injury. *Anesthesiology* 2008;108:261-8

101. De Dooy JJ, Van Wijk JAE, Plötz FB, Bökenkamp A. Clinical Quiz: Recurrent pleural effusion during peritoneal dialysis: question answer. *Pediatr Nephrol* 2008;23:374-6
102. Haarman EG, Vermeulen RJ, Van Furth AM, Verbeke JIML, Plötz FB. Cushing's triad in pneumococcal meningitis due to brainstem ischemia; early detection by diffusion weighted MRI. *Pediatr Neurol* 2008;38:276-8
103. Vaschetto RS, Plötz FB, Groeneveld ABJ. Role of poly(ADP-ribose) polymerase in acute kidney injury. In: Vincent JL. *Yearbook in Intensive Care*, 2008:559-65
104. Kneyber MCJ, Brouwers A, Caris JA, Chedamni S, Plötz FB. Acute respiratory distress syndrome: is it underrecognized in the pediatric intensive care ?. *Intensive Care Med* 2008;34:751-4
105. Udink ten Cate FEA, van Royen BJ, van Heerde M, Roerdink D, Plötz FB. Incidence and risk factors of prolonged mechanical ventilation in neuromuscular scoliosis surgery. *J Pediatr Orthop B* 2008;17:203-6
106. Plötz FB, van Heerde M, Kneyber MCJ, Markhorst DG. End-of-life decision in a paediatric intensive care unit: decision making in light of the parents religious beliefs. *Intensive Care Med* 2008;34:1355
107. Plötz FB. Importance of follow-up research in children surviving meningococcal septic shock. *Crit Care Med* 2008;36:2217
108. Krüse-Ruijter MF, Plötz FB, Twisk JWR, Fetter WPF, van Elburg RM. Effect of mechanical ventilation on intestinal permeability in preterm infants: a retrospective cohort study. *The Open Critical Care Medicine Journal* 2008;1:24-7
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110. Plötz FB, Bouma A, van Wijk JAE, Kneyber MCJ, Bökenkamp A. Pediatric acute kidney injury in the ICU: an independent evaluation of pRIFLE criteria. *Intensive Care Med* 2008;34:1713-7
111. Kuiper JW, Versteilen AMG, Niessen HWM, Vaschetto R, Sipkema P, Heijnen CJ, Groeneveld ABJ, Plötz FB. Production of endothelin-1 and a reduced blood flow in the rat kidney during lung injurious mechanical ventilation. *Anaesth Anal* 2008;107:1276-83
112. Kneyber MCJ, Gazendam RP, Markhorst DG, Plötz FB. Length of storage of red blood cells does not affect outcome in critically ill children. *Intensive Care Med* 2009;35:179-80
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