

## Publikationsliste

### 1. Originalartikel (132)

1. Riedel F, **Benden C**, Phillippou S, Streckert HJ, Marek W. Role of sensory neuropeptides in PIV-3- infection induced airway hyperresponsiveness in guinea pigs. *Respiration* 1997; 64: 211-219
2. **Benden C**, Aurora P, Curry J, Whitmore P, Priestley L, Elliott MJ. High prevalence of gastro-esophageal reflux in children post lung transplantation. *Pediatr Pulmonol.* 2005; 40: 68-71
3. **Benden C**, Wallis C, Owens CM, Ridout DA, Dinwiddie R. The Crispin-Norman score in cystic fibrosis: doing away with the lateral view. *Eur. Respir J* 2005; 26: 894-897
4. **Benden C**, Aurora P, Burch M, Cubitt D, Lloyd C, Whitmore P, Neligan SL, Elliott MJ. Monitoring of Epstein-Barr viral load in pediatric heart and lung transplant recipients by real time PCR. *J Heart Lung Transplant* 2005; 24: 2103-2108
5. **Benden C**, Harpur-Sinclair OE, Ranasinghe AS, Hartley JC, Elliott MJ, Aurora P. Surveillance bronchoscopy in children during the first year after lung transplantation – is it worth it? *Thorax* 2007; 62: 57-61
6. **Benden C**, Danziger-Isakov LA, Astor T, Aurora P, Bluemchen K, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Michaels MG, Mogayzel PJ, Mueller C, Parakininkas D, Oberkfell D, Solomon M, Boehler A. Variability in immunization guidelines in children before and after lung transplantation. *Pediatr Transplant* 2007; 11: 882-887
7. Fewtrell MS, **Benden C**, Williams JE, Chomtho S, Ginty F, Nigdikar SV, Jaffe A. Undercarboxylated osteocalcin and bone mass in 8-12 year old children with cystic fibrosis. *J Cyst Fibros* 2008; 7: 307-312
8. **Benden C**, Speich R, Hofbauer GF, Irani S, Eich-Wanger C, Russi EW, Weder W, Boehler A. Extracorporeal photopheresis after lung transplantation: a 10-year single center experience. *Transplantation* 2008; 86: 1625-1627
9. **Benden C**, Kansra S, Ridout DA, Shaw NL, Aurora P, Elliott MJ, Marks SD. Chronic kidney disease in children following lung and heart-lung transplantation. *Pediatr Transplant* 2009; 13: 104-110
10. **Benden C**, Rea F, Behr J, Corris PA, Reynaud-Gaubert M, Stern M, Speich R, Boehler A. Lung transplantation for lymphangiomyomatosis: the European experience. *J Heart Lung Transplant* 2009; 28: 1-7
11. Hofer M, **Benden C**, Inci I, Schmid C, Irani S, Speich R, Weder W, Boehler A. True survival benefit of lung transplantation for cystic fibrosis patients: the Zurich experience. *J Heart Lung Transplant* 2009; 28: 334-339

12. **Benden C**, Boehler A. Long-term clarithromycin therapy in the management of lung transplant recipients. *Transplantation* 2009; 87: 1538-1540
13. Hofer M, Mueller L, Rechsteiner T, **Benden C**, Boehler A. Extended nitric oxide measurements in exhaled air of cystic fibrosis and healthy adults. *Lung* 2009; 187: 307-313
14. Williams JE, Wells JCK, **Benden C**, Jaffe A, Suri R, Wilson CM, Fewtrell MS. Body composition assessed by the four-component model and association with lung function in 6-12 year old children with cystic fibrosis. *Am J Clin Nutr* 2010; 92: 1332-1343
15. **Benden C**, Ilhan I, Weder W, Boehler A. Reduced size lung transplantation in children – an option worth to consider! *Pediatr Transplant* 2010; 14: 529-533
16. Hofer M, **Benden C**, Rechsteiner T, Boehler A. Extended measurements of exhaled nitric oxide in adult lung transplant recipients. *Transplantation* 2010; 90: 225-226
17. **Benden C**, Faro A, Worley S, Arrigan S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GM, Mogayzel PJ, Solomon M, Visner G, Sweet SC, Danziger-Isakov AL. Minimal acute rejection in pediatric lung transplantation – does it matter? *Pediatr Transplant* 2010; 14: 534-539
18. Lammers AE, Burch M, **Benden C**, Elliott MJ, Rees P, Haworth SG, Aurora P. Transplantation in children with idiopathic pulmonary arterial hypertension. *Pediatr Pulmonol* 2010; 45: 263-269
19. Goetzmann L, Irani S, Schwegler K, Stamm M, Bricman R, Buddeberg C, Schmid C, **Benden C**, Klaghofer R, Boehler A. Distress and alexithymia in lung recipients – psychosocial strains and associations with chronic allograft dysfunction. *Swiss Med Wkly* 2010; 140: 382-387
20. Feldmeyer L, **Benden C**, Haile SR, Boehler A, French LE, Hofbauer GFL. Not all intravenous immunoglobulin preparations are equally tolerated. *Acta Derm Venereol* 2010; 90: 494-497
21. Inci I, Irani S, Kestenholz P, **Benden C**, Boehler A, Weder W. Donor predicted post-operative forced expiratory volume in one second predicts recipients best forced expiratory volume in one second following size-reduced lung transplantation. *Eur J Cardiothorac Surg* 2011; 39: 115-119
22. Schuurmans MM, Tini GM, Fretz G, Dalar L, **Benden C**, Boehler A. Pandemic 2009 H1N1 influenza virus vaccination in lung transplant recipients: coverage, safety and clinical effectiveness in the Zurich cohort. *J Heart Lung Transplant* 2011; 30: 685-690
23. Inci I, Irani S, Kestenholz P, **Benden C**, Boehler A, Weder W. Donor predicted post-operative forced expiratory volume in one second predicts recipients best forced expiratory volume in one second following size-reduced lung transplantation. *Eur J Cardiothorac Surg* 2011; 39: 115-119
24. Radtke T, Faro A, Wong J, Boehler A, **Benden C**. Exercise testing in pediatric lung transplant candidates with cystic fibrosis. *Pediatr Transplant* 2011; 15: 294-299
25. Schuurmans MM, Tini GM, Fretz G, Dalar L, **Benden C**, Boehler A. Pandemic 2009 H1N1 influenza virus vaccination in lung transplant recipients: coverage, safety and clinical effectiveness in the Zurich cohort. *J Heart Lung Transplant* 2011; 30: 685-690
26. Schaellibaum GM, Lammers AE, Faro A, Moreno-Galdo A, Parakininkas D, Schechter MG, Solomon M, Boyer D, Conrad C, Frischer T, Wong J, Boehler A, **Benden C**. Bilateral lung

- transplantation for pediatric idiopathic pulmonary arterial hypertension: a multi-center experience. *Pediatr Pulmonol* 2011; 46: 1121-1127
27. Inci I, Stanimirov O, **Benden C**, Kestenholz P, Hofer M, Boehler A, Weder W. Lung transplantation for cystic fibrosis: a single center experience of 100 consecutive cases. *Eur J Cardiothorac Surg* 2012; 41: 435-440
  28. Hofer M, Schmid C, **Benden C**, Speich R, Inci I, Weder W, Boehler A. Diabetes mellitus and survival in cystic fibrosis after lung transplantation. *J Cyst Fibros* 2012; 11: 131-136
  29. Danziger-Isakov LA, Arslan D, Sweet S, **Benden C**, Goldfarb S, Wong J. RSV prevention and treatment in pediatric lung transplant patients: A survey of current practices among the International Pediatric Lung Transplant Collaborative (IPLTC). *Pediatr Transplant* 2012; 16: 645-650
  30. **Benden C**, Ridout DA, Edwards LB, Boehler A, Christie JD, Sweet SC. Body mass index and its impact on outcome in children after lung transplantation. *J Heart Lung Transplant* 2013; 32: 196-201
  31. Vital D, Hofer M, **Benden C**, Holzmann D, Boehler A. Impact of sinus surgery on pseudomonal airway colonisation, bronchiolitis obliterans syndrome and survival in cystic fibrosis lung transplant recipients. *Respiration* 2013; 86: 25-31
  32. Yousef S, **Benden C**, Boyer D, Elidemir O, Frischer T, Goldfarb S, Lopez-Mitnik G, Mallory G, Visner G, Westall G, Schechter MG. Lung transplantation in children following bone marrow transplantation patients: a multi-center experience. *Pediatr Transplant* 2013; 17: 231-236
  33. Inci I, **Benden C**, Kestenholz P, Hillinger S, Schneiter D, Ganter M, Bechir M, Gruenenfelder J, Weder W. Simultaneous bilateral lobar lung transplantation: one donor serves two recipients. *Ann Thorac Surg* 2013; 96: e69-71
  34. Hausmann M, Rechsteiner T, Caj M, **Benden C**, Fried M, Boehler A, Rogler G. A new heterotopic transplant animal model of intestinal fibrosis. *Inflamm Bowel Dis* 2013; 19: 2302-2314
  35. Zuercher AJ, Inci I, **Benden C**, Fretz G, Béchir M, Boehler A, Walter W. Intra-operative extracorporeal membrane oxygenation use in pediatric lung transplantation – the Zurich experience. *Pediatr Transplant* 2013; 17: 800-805
  36. Mead L, Danziger-Isakov LA, Michaels MG, Goldfarb S, Glanville AR, **Benden C**; International Pediatric Lung Transplant Collaborative (IPLTC). Antifungal prophylaxis in pediatric lung transplantation: an international multicenter survey. *Pediatr Transplant* 2014; 18: 393-397
  37. Schuurmans MM, Isenring BD, Jungo C, Boeni J, Mueller NJ, Kohler M, **Benden C**. Clinical features and outcomes of influenza infections in lung transplant recipients: a single-season cohort study. *Transpl Infect Dis* 2014; 16: 430-439
  38. Glanville AR, Aboyoum C, Klepetko W, Reichenspurner H, Treede H, Verschuuren EA, Boehler A, **Benden C**, Hopkins P, Corris PA; European and Australian Investigators in Lung Transplantation. Three-year results of an investigator-driven multicenter, international, randomized open-label de novo trial to prevent BOS after lung transplantation. *J Heart Lung Transplant* 2015; 34: 16-25
  39. Lewandowska DW, Zagordi O, Zbinden A, Schuurmans MM, Schreiber P, Geissberger FD, Huder JB, Böni J, **Benden C**, Mueller NJ, Trkola A, Huber M. Unbiased metagenomic

- sequencing complements specific routine diagnostic methods and increases chances to detect rare viral strains. *Diagn Microbiol Infect Dis* 2015; 83: 133-138
40. Wild J, Arrigo M, Isenring BD, Buergi U, Kurowski T, Schuurmans MM, Huber LC, **Benden C**. Coronary artery disease in lung transplant candidates: role of routine invasive assessment. *Respiration* 2015; 89: 107-111
  41. Inci I, Klinzing S, Schneiter S, Schuepbach RA, Kestenholz P, Hillinger S, **Benden C**, Maggiorini M, Weder W. Outcome of Extracorporeal Membrane Oxygenation as a Bridge to Lung Transplantation: An Institutional Experience and Literature Review. *Transplantation* 2015; 99: 1667-1671
  42. Murer C, Bürgi U, Kohler M, **Benden C**, Huber LC. Adenocarcinoma of the gastrointestinal tract in lung transplanted patients with cystic fibrosis: case series and review of the literature. *Swiss Med Wkly* 2015; 145: w14165
  43. Inci, Schuurmans MM, Ehram J, Schneiter D, Hillinger S, Jungraithmayr W, **Benden C**, Weder W. Lung transplantation for emphysema: impact of age on short- and long-term survival. *Eur J Cardiothorac Surg* 2015; 48: 906-909
  44. Seiler A, Jenewein J, Martin-Soelch C, Goetzmann L, Inci I, Weder W, Schuurmans M, **Benden C**, Brucher A, Klaghofer R. Post-transplant outcome-clusters of psychological distress and health-related quality of life in lung transplant recipients. A 6-month observational study. *Swiss Med Wkly* 2015; 145: w14236
  45. Gerber SR, Seifert B, Inci I, Serra AL, Kohler M, **Benden C**, Hofbauer GF, Schuurmans MM. Exposure to moxifloxacin and cytomegalovirus replication is associated with skin squamous cell carcinoma development in lung transplant recipients. *J Eur Acad Dermatol Venereol* 2015; 29: 2451-2457
  46. Wojtowicz A, Lecompte TD, Bibert S, Manuel O, Rüeger S, Berger C, Boggian K, Cusini A, Garzoni C, Hirsch H, Khanna N, Mueller NJ, Meylan PR, Pascual M, van Delden C, Bochud PY; **Swiss Transplant Cohort Study**. PTX3 polymorphisms and invasive mold infections after solid organ transplant. *Clin Infect Dis* 2015; 61: 619-622
  47. Schmied L, Terszowski G, Gonzalez A, Schmitter K, Hirsch HH, Garzoni C, van Delden C, Boggian K, Mueller NJ, Berger C, Villard J, Manuel O, Meylan P, Hess C, Stern M; **Swiss Transplant Cohort Study**. Protection from Varicella Zoster in solid organ transplant recipients carrying killer cell immunoglobulin-like receptor B haplotypes. *Transplantation* 2015; 99: 2651-2655
  48. Lewandowska DW, Zagordi O, Zbinden A, Schuurmans MM, Schreiber P, Geissberger FD, Huder JB, Böni J, **Benden C**, Mueller NJ, Trkola A, Huber M. Unbiased metagenomic sequencing complements specific routine diagnostic methods and increases chances to detect rare viral strains. *Diagn Microbiol Infect Dis* 2015; 83: 133-138
  49. Cottini SR, Ehlers UE, Pagnamenta A, Brandi G, Weder W, Schuepbach RA, Béchir M, **Benden C**. Pretransplant dyslipidemia influences primary graft dysfunction after lung transplantation. *Interact Cardiovasc Thorac Surg* 2016; 22: 402-405
  50. Golshayan D, Wójtowicz A, Bibert S, Pyndiah N, Manuel O, Binet I, Buhler LH, Huynh-Do U, Mueller T, Steiger J, Pascual M, Meylan P, Bochud PY; **Swiss Transplant Cohort Study**. Polymorphisms in the lectin pathway of complement activation influence the incidence of acute rejection and graft outcome after kidney transplantation. *Kidney Int* 2016; 89: 927-938

51. Héquet D, Kralidis G, Carrel T, Cusini A, Garzoni C, Hullin R, Meylan PR, Mohacsi P, Mueller NJ, Ruschitzka F, Tozzi P, van Delden C, Weisser M, Wilhelm MJ, Pascual M, Manuel O; **Swiss Transplant Cohort Study (STCS)**. Ventricular assist devices as bridge to heart transplantation: impact on post-transplant infections. *BMC Infect Dis* 2016; 16: 321
52. Pecoraro Y, Tsushima Y, Opitz I, **Benden C**, Schüpbach R, Lenherr R, Jungraithmayr W, Weder W, Inci I. Impact of time interval between donor brain dead and cold preservation on long-term outcome in lung transplantation. *Eur J Cardiothorac Surg* 2016; 50: 264-268
53. Schmid FA, Inci I, Bürgi U, Hillinger S, Schneiter D, Schmitt-Opitz I, Huber LC, Isenring BD, Jungraithmayr W, Schuurmans MM, Weder W, **Benden C**. Favorable outcome of children and adolescents undergoing lung transplantation at a European adult center in the new era. *Pediatr Pulmonol* 2016; 51: 1222-1228
54. Verleden SE, Ruttens D, Vandermeulen E, Bellon H, Dubbeldam A, De Wever W, Dupont LJ, Van Raemdonck DE, Vanaudenaerde BM, Verleden GM, **Benden C**, Vos R. Predictors of survival in restrictive CLAD after lung transplantation. *J Heart Lung Transplant* 2016; 35: 1078-1084
55. Collaud S, **Benden C**, Ganter C, Hillinger S, Opitz I, Schneiter D, Schuepbach R, Inci I, Weder W. Extracorporeal life support as bridge to lung retransplantation: A multicenter pooled data analysis. *Ann Thorac Surg* 2016; 102: 1680-1686
56. Hofmann P, Hombach M, Seifert B, Schuurmans MM, Bürgi U, Isenring B, Müller NJ, Kohler M, **Benden C**, Huber LC. Isolation of *Stenotrophomonas maltophilia* in asymptomatic lung transplant recipients: effects of treatment on eradication and outcome. *Clin Transplant* 2016; 30: 857-863
57. Bernasconi E, Pattaroni C, Koutsokera A, Pison C, Kessler R, **Benden C**, Soccia PM, Magnan A, Aubert JD, Marsland BJ, Nicod LP and SysCLAD Consortium. Airway microbiota determines innate cell inflammatory or tissue remodeling profiles in lung transplantation. *Am J Respir Crit Care Med* 2016; 194: 1252-1263
58. Niggli F, Huber LC, **Benden C**, Schuurmans MM. Human metapneumovirus in lung transplant recipients: characteristics and outcomes. *Infect Dis (Lond)* 2016; 48: 852-856
59. Schmitt JW, **Benden C**, Dora C, Werner CM. Is total hip arthroplasty safely performed in lung transplant patients? Current experience from a retrospective study of the Zurich Lung Transplant Cohort. *Patient Saf Surg* 2016; 10: 17
60. Vetter D, Schuurmans MM, **Benden C**, Clavien PA, Nocito A. Long-term follow-up of lung transplant recipients supports non-operative treatment of uncomplicated diverticulitis. *Clin Transplant* 2016; 30: 1264-1270
61. Heinrich H, Neuenschwander A, Russmann S, Misselwitz B, **Benden C**, Schuurmans MM. Prevalence of gastrointestinal dysmotility and complications detected by abdominal plain films after lung transplantation: a single center cohort study. *BMJ Open Respir Res* 2016; 3: e000162
62. Hayes D Jr, Sweet SC, **Benden C**, Kopp BT, Goldfarb SB, Visner GA, Tobias JD, Tumin D. Transplant center volume and outcomes in lung transplantation for cystic fibrosis. *Transpl Int* 2017; 30: 371-377
63. Ruttens D, Verleden SE, Bijmens EM, Winkelmanns E, Gottlieb J, Warnecke G, Meloni F, Morosini M, Van Der Bij W, Verschuuren EA, Sommerwerck U, Weinreich G, Kamler M, Roman A, Gomez-Olles S, Berastegui C, **Benden C**, Holm AM, Iversen M, Schultz HH, Luijk

- B, Oudijk EJ, Kwakkel-van-Erp JM, Jaksch P, Klepetko W, Kneidinger N, Neurohr C, Corris P, Fisher AJ, Lordan J, Meachery G, Piloni D, Vandermeulen E, Bellon H, Hoffman B, Vienneau D, Hoek G, de Hoogh K, Nemery B, Verleden GM, Vos R, Nawrot TS, Vanaudenaerde BM. An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. *Eur Respir J* 2017; 49: pii: 1600484
64. Quteineh L, Bochud PY, Golshayan D, Crettol S, Venetz JP, Manuel O, Kutalik Z, Treyer A, Lehmann R, Mueller NJ, Binet I, van Delden C, Steiger J, Mohacsi P, Dufour JF, Soccacal PM, Pascual M, Eap CB, and **The Swiss Transplant Cohort Study**. CRT2 polymorphism as a risk factor for the incidence of metabolic syndrome in patients with solid organ transplantation. *Pharmacogenomics J* 2017; 17: 69-75
65. Beaume M, Köhler T, Greub G, Manuel O, Aubert JD, Baerlocher L, Farinelli L, Buckling A, van Delden C; **Swiss Transplant Cohort Study**. Rapid adaptation drives invasion of airway donor microbiota by *Pseudomonas* after lung transplantation. *Sci Rep* 2017; 7: 40309
66. Robinson CA, Huber L, Murer C, Schuurmans M, Kohler M, Hofbauer G, **Benden C**. Cessation of extracorporeal photopheresis in chronic lung allograft dysfunction: effects on clinical outcome in adults. *Swiss Med Wkly* 2017; 147: w14429
67. Aigner F, Husmann M, Huber LC, **Benden C**, Schuurmans MM. Conservative management of distal leg necrosis in lung transplant recipients. *J Tissue Viability* 2017; 26: 95-102
68. Lewandowska DW, Schreiber PW, Schuurmans MM, Ruehe B, Zagordi O, Bayard C, Greiner M, Geissberger FD, Capaul R, Zbinden A, Böni J, **Benden C**, Mueller N, Trkola A, Huber M. Metagenomic sequencing complements routine diagnostics in identifying viral pathogens in lung transplant recipients with unknown etiology of respiratory infection. *PLoS One* 2017; 12: e0177340
69. Cottini S, Huber LC, **Benden C**, Arrigo M. Echocardiography accurately predicts pulmonary hypertension in patients with advanced lung disease. *Crit Care* 2017; 21: 115
70. Koutsokera A, Royer JP, Antonietti JP, Fritz A, **Benden C**, Aubert JD, Tissot A, Botturi K, Roux A, Reynaud-Gaubert ML, Kessler R, Dromer C, Mussot S, Mal H, Mornex JF, Guillemain R, Knoop C, Dahan M, Soccacal PM, Claustre J, Sage E, Gomez C, Magnan A, Pison C, Nicod LP; SysCLAD Consortium. Development of a multivariate prediction model for early onset bronchiolitis obliterans syndrome and restrictive allograft syndrome in lung transplantation. *Front Med (Lausanne)* 2017; 4: 109
71. Radtke T, **Benden C**, Maggi-Beba M, Kriemler S, van der Lee I, Dressel H. Intra-session and inter-session variability of nitric oxide pulmonary diffusing capacity in adults with cystic fibrosis. *Respir Physiol Neurobiol* 2017; 246: 33-38
72. Mouraux S, Bernasconi E, Pattaroni C, Koutsokera A, Aubert JD, Claustre J, Pison C, Royer PJ, Magnan A, Kessler R, **Benden C**, Soccacal PM, Marsland BJ, Nicod LP; SysCLAD Consortium. Airway microbiota signals anabolic and catabolic remodeling in the transplanted lung. *J Allergy Clin Immunol* 2018; 141: 718-729
73. Isenring BD, Robinson C, Buergi U, Schuurmans MM, Kohler M, Huber LC, **Benden C**. Lung transplant recipients on long-term extracorporeal photopheresis. *Clin Transplant* 2017; 31: e13041
74. Abela IA, Murer C, Schuurmans MM, Schmitt JW, Muller F, Imkamp F, Mueller NJ, **Benden C**. A cluster of scedosporiosis in lung transplant candidates and recipients: The Zurich experience and review of the literature. *Transpl Infect Dis* 2018; 20: e12792

75. Ehrsam JP, **Benden C**, Seifert B, Opitz I, Schneiter D, Weder W, Inci I. Lung transplantation in the elderly: influence of age, comorbidities, underlying disease and extended criteria donor lungs. *J Thorac Cardiovasc Surg* 2017; 154: 2135-2141
76. Weber NT, Bonani M, **Benden C**, Schleich A, Fehr T, Mueller TF, Schuurmans MM. Evolution of lung and kidney allograft function in patients receiving kidney after lung transplantation. *Clin Transplant* 2018; 32: e13169
77. Greer M, Berastegui C, Jaksch P, **Benden C**, Aubert JD, Roux A, Lhuillier E, Hirschi S, Reynaud-Gaubert M, Philit F, Claustre J, LePalud P, Stern M, Knoop C, Vos R, Verschuuren E, Fisher A, Riise G, Hansson L, Iversen M, Hämmäinen P, Wedel H, Smits J, Gottlieb J, Holm A. Lung transplantation after allogeneic stem cell transplantation: A pan-European experience. *Eur Respir J* 2018; 51: pii: 1701330
78. Yamada Y, Langner T, Inci I, **Benden C**, Schuurmans MM, Weder W, Jungraithmyr W. Impact of human leukocyte antigen mismatch on lung transplant outcome. *Interact Cardiovasc Thorac Surg* 2018; 26: 859-864
79. Murer C, Huber LC, Kurowski T, Hirt A, Robinson C, Bürgi U, **Benden C**. First experience in Switzerland in Phe508del homozygous cystic fibrosis patients with end-stage pulmonary disease undergoing a lumacaftor-ivacaftor therapy trial - preliminary results. *Swiss Med Wkly* 2018; 148: w14593
80. Radtke T, Böni L, Bohnacker P, Fischer P, **Benden C**, Dressel H. The many ways sputum flows – dealing with high within-subject variability in cystic fibrosis sputum rheology. *Respir Physiol Neurobiol* 2018; 254: 36-39
81. Danger R, Royer PJ, Reboulleau D, Durand E, Loy J, Tissot A, Lacoste P, Roux A, Reynaud-Gaubert M, Gomez C, Kessler R, Mussot S, Dromer C, Brugière O, Mornex JF, Guillemain R, Dahan M, Knoop C, Botturi K, Foureau A, Pison C, Koutsokera A, Nicod LP, Brouard S, Magnan A; COLT and **SysCLAD Consortia**. Blood gene expression predicts bronchiolitis obliterans syndrome. *Front Immunol* 2018; 8: 1841
82. Gaisl T, Bregy L, Stebler N, Gaugg MT, Bruderer T, García-Gómez D, Moeller A, Singer F, Schwarz EI, **Benden C**, Sinues PM, Zenobi R, Kohler M. Real-time exhaled breath analysis in patients with cystic fibrosis and controls. *J Breath Res* 2018; 12: 036013
83. Martini K, Gygax CM, **Benden C**, Morgan AR, Parker GJM, Frauenfelder T. Volumetric dynamic oxygen-enhanced MRI (OE-MRI): comparison with CT Brody score and lung function in cystic fibrosis patients. *Eur Radiol* 2018; 28: 4037-4047
84. Cusini A, Béguelin C, Stampf S, Boggian K, Garzoni C, Koller M, Manuel O, Meylan P, Mueller NJ, Hirsch H, Weisser M, Berger C, van Delden C; **Swiss Transplant Cohort Study**. Clostridium difficile Infection is Associated with Graft Loss in Solid Organ Transplant Recipients. *Am J Transplant* 2018; 18: 1745-1745
85. Elmer A, Birrer M, Weiss J, Aubert JD, **Benden C**, Inci I, Krüger T, Soccacal PM, Immer FF. Extended-criteria donors in lung transplantation in Switzerland: an evaluation of two adapted lung donor scores. *Swiss Med Wkly* 2018; 148: w14614
86. Cottini SR, Brandi G, Pagnamenta A, Weder W, Schuepbach R, Béchir M, Huber LC, **Benden C**. Pulmonary Hypertension is not a risk factor for grade 3 primary graft dysfunction after lung transplantation. *Clin Transplant* 2018; 32: e13251

87. Schmid-Mohler G, Caress AL, Spirig R, **Benden C**, Yorke J. Patient-reported outcome measures for symptom perception during a cystic fibrosis exacerbation. *Respir Care* 2018; 63: 353-366
88. Neofytos D, Chatzis O, Nasioudis D, Boely Janke E, Doco Lecompte T, Garzoni C, Berger C, Cussini A, Boggian K, Khanna N, Manuel O, Mueller NJ, van Delden C; **Swiss Transplant Cohort Study**. Epidemiology, risk factors and outcomes of invasive aspergillosis in solid organ transplant recipients in the Swiss Transplant Cohort Study. *Transpl Infect Dis* 2018; 20: e12898
89. Radtke T, Böni L. Bohnacker P, Maggi-Beba M, Fischer P, Kriemler S, **Benden C**, Dressel H. Acute effects of combined exercise and oscillatory positive expiratory pressure therapy on sputum properties and lung diffusing capacity in cystic fibrosis: a randomized, controlled, crossover trial. *BMC Pulm Med* 2018; 18: 99
90. Schmid-Mohler G, Caress AL, Spirig R, **Benden C**, Yorke J. 'Thrust out of normality' - How adults living with cystic fibrosis experience pulmonary exacerbations: A qualitative study. *J Clin Nurs* 2018; 00: 1-11
91. Beckmann S, Denhaerynck K, Stampf S, Saigi-Morgui N, Binet I, Koller M, Boely E, De Geest S; Psychosocial Interest Group; **Swiss Transplant Cohort Study**. New-onset obesity after liver transplantation – outcomes and risk factors: the Swiss Transplant Cohort Study. *Transpl Int* 2018; 31: 1254-1267
92. Goetzmann L, Seiler A, **Benden C**, Boehler A, Büchi S, Jenewein J, Ruettner B, Mueller-Alcazar A, Weierstall R. Transplantation experience as a predictor for quality of life during the first six months after lung transplantation. *Clin Transplant* 2018;32:e13393
93. Inci I, Hillinger S, Schneiter D, Opitz I, Schuurmans M, **Benden C**, Weder W. Lung transplantation with controlled donation after circulatory death donors. *Ann Thorac Cardiovasc Surg* 2018; 24: 296-302
94. Neofytos D, Hirzel C, Boely E, Lecompte T, Khanna N, Mueller NJ, Boggian K, Cusini A, Manuel O, van Delden C; **Swiss Transplant Cohort Study**. Pneumocystis jirovecii pneumonia in solid organ transplant recipients: a descriptive analysis for the Swiss Transplant Cohort. *Transpl Infect Dis* 2018; 20: e12984
95. Kuster S, Stampf S, Gerber B, Baettig V, Weisser M, Geruli S, Medinger M, Passweg J, Schanz U, Garzoni C, Berger C, Chalandon Y, Mueller NJ, van Delden C, Neofytos D, Khanna N; **Swiss Transplant Cohort Study**. Incidence and outcome of invasive fungal disease after allogeneic hematopoietic stem cell transplantation: A Swiss transplant cohort study. *Transpl Infect Dis* 2018; 20: e12981
96. Bleisch B, Schuurmans MM, Klaghofer R, **Benden C**, Seiler A, Jenewein J. Health-related quality of life and stress-related post-transplant trajectories of lung-transplant recipients: a 3-year follow-up of the Swiss Transplant Cohort Study. *Swiss Med Wkly* 2019; 149: w20019
97. Hofmann P, **Benden C**, Kohler M, Schuurmans MM. Tobacco use after lung transplantation: A retrospective analysis of patient characteristics, smoking cessation interventions and cessation success rates. *Transplantation* 2019;103: 1260-1266
98. Schreiber PW, Bischoff-Ferrari HA, Boggian K, van Delden C, Enriquez N, Fehr T, Garzoni C, Hirsch CC, Manuel O, Meylan P, Saleh L, Weisser M, Mueller NJ; **Swiss transplant Cohort Study (STSC)**. Vitamin D status and risk of infections after liver transplantation in the Swiss Transplant Cohort Study. *Transpl Int* 2019; 32: 49-58



99. Robinson CA, Hofer M, Murer C, **Benden C**, Schmid C. Evaluation of bone disease in patients with cystic fibrosis and end-stage lung disease. *J Bras Pneumol* 2019; 45: e20170280
100. Hofmann P, **Benden C**, Kohler M, Schuurmans MM. Tobacco use after lung transplantation: A retrospective analysis of patient characteristics, smoking cessation interventions and cessation success rates. *Transplantation* 2019; 103: 1260-1266
101. Goetzmann L, **Benden C**, Ruettnner B, Wutzler U, Boehler A, Wittmann L. The experience of transplantation as reflected in dream life: A case study illustrating the mental processing of a lung transplant. *Int J Psychoanal* 2019; 100: 517-539
102. Lay C, Law N, Holm AM, **Benden C**, Aslam S. Outcomes in cystic fibrosis lung transplant recipients infected with organisms labeled as pan-resistant: An ISHLT Registry-based analysis. *J Heart Lung Transplant* 2019; 38: 545-552
103. Bleisch B, Schuurmans MM, Klaghofer R, **Benden C**, Seiler A, Jenewein J. Health-related quality of life and stress-related post-transplant trajectories of lung-transplant recipients: a three-year follow-up of the Swiss Transplant Cohort Study. *Swiss Med Wkly* 2019; 149: w20019
104. Schmid-Mohler G, Caress AL, Spirig R, **Benden C**, Yorke J. "Thrust out of normality" – How adults living with cystic fibrosis experience pulmonary exacerbations: A qualitative study. *J Clin Nurs* 2019; 28: 190-200
105. Jungo C, Russmann S, **Benden C**, Schuurmans MM. Use of oseltamivir in lung transplant recipients with suspected or proven influenza infection: a 1-year observational study of outcomes and safety. *Antivir Ther* 2019; 24: 495-503
106. Zortea A, **Benden C**, Schmid C, Robinson CA. "Gastrografin<sup>TM</sup> - induced hyperthyroidism in patients with cystic fibrosis following lung transplantation: A case series". *J Cyst Fibros* 2019; 18: e60-61
107. **Benden C**, Goldfarb SB, Stehlik J. An aging population of cystic fibrosis patients undergoes lung transplantation: An analysis of the ISHLT Thoracic Transplant Registry. *J Heart Lung Transplant* 2019; 38: 1162-1169
108. Rammaert B, Puyade M, Cornely OA, Seidel D, Grossi P, Husain S, Picard C, Lass-Flörl C, Manuel O, Le Pavec J, Lortholary O; **SCEDO-LUNG Collaborative Group**. Perspectives on *Scedosporium* species and *Lomentospora prolificans* in lung transplantation: results of an international practice survey from ESCMID Fungal Infection Study Group and Study Group for Infections in Compromised Hosts, and European Confederation of Medical Mycology. *Transpl Infect Dis* 2019; 21: e13141
109. Brosseau C, Danger R, Durand M, Durand E, Foureau A, Lacoste P, Tissot A, Roux A, Reynaud-Gaubert M, Kessler R, Mussot S, Dromer C, Brugière O, Mornex JF, Guillemain R, Claustre J, Magnan A, Brouard S; COLT and **SysCLAD Consortia**. Blood CD9± B cell, a biomarker of bronchiolitis obliterans syndrome after lung transplantation. *Am J Transplant* 2019; 19: 3162-3175
110. Kohlbrenner D, **Benden C**, Radtke T. The 1-minute sit-to-stand test in lung transplant candidates: an easy-to-use alternative to the 6-minute walk test? *Respir Care* 2020; 65: 437-443
111. Speck NE, Probst-Müller E, Haile SR, **Benden C**, Kohler M, Huber LC, Robinson CA. Bronchoalveolar lavage cytokines are of minor value to diagnose complications following lung transplantation. *Cytokine* 2020; 125: 154794

112. Schnyder MA, Tschopp O, Zwimpfer C, **Benden C**, Schmid C. Suppression of free fatty acids by oral glucose in patients with cystic fibrosis. *Clin Diabetes Res* 2019; 3: 43-49
113. Muller YD, Vionnet J, Beyeler F, Eigenmann P, Caubert JC, Villar J, Berney T, Scherer K, Spertini F, Fricker MP, Lang C, Schmid-Grendelmeier P, **Benden C**, Lombard PR, Aubert V, Immer F, Pascual M, T Harr; Swiss Transplant Cohort Study. Management of allergy transfer after solid organ transplantation. *Am J Transplant* 2020; 20: 834-843
114. Wietlisbach M, **Benden C**, Koutsokera A, Jahn K, Soccia PM, Radtke T. Perceptions towards physical activity in adult lung transplant recipients with cystic fibrosis. *PLoS One* 2020; 15: e0229296
115. Vu DL, Dayer JA, Masouridi-Levrat S, Combescure C, Boely E, Khanna N, Mueller NJ, Kleber M, Medinger M, Halter J, Passweg J, Müller AM, Schanz U, Chalandon Y, Neofytos D, van Delden C, Kaiser L; **Swiss Transplant Cohort Study**. Microbiologically documented infections after adult allogeneic hematopoietic cell transplantation: a 5-year analysis within the Swiss Transplant Cohort study. *Transpl Infect Dis* 2020; 22: e13289
116. Radtke T, Königs A, Chen X, Braun J, Dressel H, **Benden C**. Predictors of long-term employment among patients with cystic fibrosis undergoing lung transplantation. *Swiss Med Wkly* 2020; 150: w20286
117. Tschopp J, L'Huillier AG, Mombelli M, Mueller NJ, Khanna N, Garzoni C, Meloni D, Papadimitriou-Olivgeris M, Neofytos D, Hirsch HH, Schuurmans MM, Müller T, Berney T, Steiger J, Pascual M, Manuel O, van Delden C, **Swiss Transplant Cohort Study (STCS)**. First Experience of SARS-CoV-2 Infections in Solid Organ Transplant Recipients in the Swiss Transplant Cohort Study. *Am J Transplant* 2020; 20: 2876-2882
118. Radtke T, Haile SR, Dressel H, **Benden C**. Recommended shielding against COVID-19 impacts activity levels in adults with cystic fibrosis. *J Cyst Fibros* 2020; 19: 875-879
119. Immer FF, **Benden C**, Elmer A, Krügel N, Nyfeler S, Nebiker M, Wilhelm MJ, Hirzel C and National Committee for Organ Donation (CNDO), Medical Committee (CM) and Swiss Transplant Infectious Diseases Working Group (STAI). In the eye of the hurricane: the Swiss COVID-19 pandemic stepwise shutdown approach in organ donation and transplantation. *Swiss Med Wkly* 2020; 150: w20447
120. **Benden C**, Haile SR, Kruegel N, Beyeler S, Aubert JD, Binet I, Golshayan D, Hadaya K, Mueller TF, Parvex P, Immer FF. SARS-CoV-2 / COVID-19 in patients on the Swiss national transplant waiting list. *Swiss Med Wkly* 2020; 150: w20451
121. Gottschalk M, Elmer A, **Benden C**, Beyeler F, Immer FF. Impact of cardiopulmonary resuscitation on organ donation in Switzerland. *Swiss Med Wkly* 2021; 151: w20413
122. Kohler P, Wolfensberger A, Stampf S, Brönnimann A, Boggian K, van Delden C, Favre M, Hirzel C, Khanna N, Kuster SP, Manuel O, Neofytos D, Ragozzino S, Schreiber PW, Walti L, Mueller NJ; **Swiss Transplant Cohort Study**. Temporal trends, risk factors and outcomes of infections due to extended-spectrum  $\beta$ -lactamase producing Enterobacterales in Swiss solid organ transplant recipients between 2012 and 2018. *Antimicrob Resist Infect Control* 2021; 10: 50
123. Eichenlaub M, Ruettner B, Seiler A, Jenewein J, Boehler A, **Benden C**, Wutzler U, Goetzmann L. The actualization of the transplantation complex on the axis of psychosomatic totality – results of a qualitative study. *Healthcare* 2021; 9: 455

124. Mombelli M, Lang BM, Neofytos D, Aubert JD, **Benden C**, Berger c, Bogian K, Egli A, Soccac PM, Kaiser L, Hirzel C, Pascual M, Koller M, Mueller NJ, van Delden C, Hirsch HH, Manuel O; Swiss Transplant Cohort Study. Burden, epidemiology, and outcomes of microbiologically confirmed respiratory viral infections in solid organ transplant recipients: a nationwide, multi-season prospective cohort study. *Am J Transplant* 2021; 21: 1789-1800
125. Denhaerynck K , Goldfarb-Rumyantzev AS, Sandhu G, Beckmann S, Huynh-Do U, Binet I, De Geest S; Psychosocial Interest Group; **Swiss Transplant Cohort Study**. Pre-transplant social adaptability index and clinical outcomes in renal transplantation: the Swiss Transplant Cohort Study. *Clin Transplant* 2021; 35: e14218
126. Radtke T, Haile SR, Dressel H, **Benden C**. COVID-19 pandemic restrictions continuously impact on physical activity in adults with cystic fibrosis. *PLoS One* 2021; 16: e0257852
127. Hebestreit H, Kriemler S, Schindler C, Stein L, Karila C, Urquhart DS, Orenstein DM, Lands LC, Schaeff J, Eber E, Radtke T; on behalf of the **ACTIVATE-CF Study Working Group**. Effects of a partially supervised conditioning program in cystic fibrosis: an international multicenter, randomized controlled trial (ACTIVATE-CF). *Am J Respir Crit Care Med* 2022; 205: 330-339
128. Elmer A, Rohrer ML, **Benden C**, Krügel N, Beyeler F, Immer FF. Organ donation after circulatory death as compared to organ donation after brain death in Switzerland – an observational study. *Swiss Med Wkly* 2022; 152: w30139
129. Dirchwolf M, Becchetti C, Gschwend SG, Toso C, Dutkowski P, Immer F, Beyeler F, Rossi S, Schropp J, Dufour JF, Banz V; **Swiss Transplant Cohort Study**. THE MELD upgrade exception: a successful strategy to optimize access to liver transplantation for patients with high waiting list mortality. *HPB (Oxford)* 2022; 24: 1168-1176
130. Koutsokera A, Sykes J, Theou O, Rockwood K, Steinack C, Derkenne MF, **Benden C**, Krueger T, Chaparro C, Aubert JD, Soccac Gasche P, von Garnier C, Tullis E, Stephenson AL, Singer LG. Frailty predicts outcomes in cystic fibrosis patients listed for lung transplantation. *J Heart Lung Transplant* 2022; 41: 1617-1627
131. Avdimiretz N, Radtke T, **Benden C**. Monitoring practices of chronic lung allograft dysfunction in pediatric lung transplantation. *Pediatr Pulmonol* 2023; 58: 213-221
132. Radtke T, Kriemler S, Stein L, Karila C, Urquhart DS, Orenstein DM, Lands LC, Schindler C, Eber E, Haile SR, Hebestreit H, on behalf of the **ACTIVATE-CF Study Working Group**. Cystic fibrosis related diabetes is not associated with maximal aerobic exercise capacity in cystic fibrosis: a cross-sectional analysis of an international multicenter trial (ACTIVATE-CF). *J Cyst Fibros* 2023; 22: 31-38

## 2. Fallberichte (10)

1. **Benden C**. Acute renal failure in a child with cystic fibrosis awaiting lung transplantation – a good outcome after all. *Paediatr Respir Rev* 2006; 7 Suppl. 1: S 327
2. Sailer E, Kamarachev J, Boehler A, Speich R, Hofer M, **Benden C**, French LE, Hofbauer GFL. Persistent photodamage following drug photosensitization in a lung-transplant recipient. *Photodermatol Photoimmunol Photomed* 2011; 27: 213-215

3. Mueller NJ, Tini GM, Weber A, Gaspert A, Husmann L, Bloemberg G, Boehler A, **Benden C**. Hepatitis from Spiroplasma sp in an immunocompromised patient. *Am J Transplant* 2015; 15: 2511-2516
4. Calmy A, van Delden C, Giostra E, Junet C, Rubbia Brandt L, Yerly S, Chave JP, Samer C, Elkrief L, Vionnet J, Berney T; Swiss HIV and **Swiss Transplant Cohort Studies**. HIV-Positive-to-HIV-Positive Liver Transplantation. *Am J Transplant* 2016; 16: 2473-2478
5. Schuurmans MM, **Benden C**, Moehrlen C, Gubler C, Wilhelm M, Weder W, Inci I. Esophagopericardial fistula, septic shock and intracranial hemorrhage with hydrocephalus after lung transplantation. *Rev Port Pneumol (2006)* 2017; 23: 156-159
6. Schwarz EI, Vrugt B, Huber LC, Murer C, Schuurmans MM, Inci I, **Benden C**. Development of allograft cancer after lung transplantation – a case report. *Ann Thorac Cardiovasc Surg* 2017; 23: 196-199
7. Robinson CA, Inci I, Naegeli M, Murer C, Schuurmans MM, Urosevic-Maiwald M, Schüpbach R, Weder W, **Benden C**. Extracorporeal photopheresis as second-line treatment therapy in life-threatening primary graft dysfunction following lung transplantation. *Pediatr Transplant* 2018; 22: e13145
8. Kohlbrenner D, Schneider S, **Benden C**. Rehabilitation der chinoloinduzierten Tendinopathie der Achillessehne: Eine Fallstudie. Rehabilitation of quinolone-induced Achilles tendinopathy: A case study. *Physioscience* 2018; 14: 178-185
9. Blazsik RM, **Benden C**, Dressler H. Arbeit nach Lungentransplantation. *Praxis (Bern 1994)* 2020; 109: 1050-1054
10. Steinack C, Robinson C, Nägeli M, Inci I, **Benden C**. ECP as Additional Immunomodulation in Idiopathic Hyperammonemia and Recurrent Hypercapnic Respiratory Failure Early Post Lung Transplantation. *J Clin Apheresis* 2021; 36: 186-188

### **3. Übersichtsartikel (33)**

1. **Benden C**, Boehler A, Faro A. Pediatric lung transplantation: literature review 2006-2007. *Pediatr. Transplant.* 2008; 12: 266-273
2. Radtke T, Stevens D, **Benden C**, Williams CA. Clinical exercise testing in children and adolescents with cystic fibrosis. *Pediatric Physical Therapy* 2009; 21: 275-281
3. Williams CA, **Benden C**, Stevens D, Radtke T. Exercise training in children and adolescents with cystic fibrosis: theory into practice. *Int J Pediatr* 2010, Article ID 670640, 1-7
4. **Benden C**, Danziger-Isakov LA, Faro A. New developments in treatment after lung transplantation. *Curr Pharm Des* 2012; 18: 737-746
5. **Benden C**. Specific aspects of children and adolescents undergoing lung transplantation. *Curr Opin Organ Transplant* 2012; 17: 509-514
6. Huber LC, Bürgi U, Schuurmans MM, **Benden C**. Non-cystic fibrosis bronchiectasis: diagnosis and treatment (German). *Dtsch Med Wochenschr* 2014; 139: 1714-1720
7. Hayes D, **Benden C**, Sweet SC, Conrad CK. Pediatric cardiothoracic transplantation: evolution of pediatric lung transplantation. *Lung* 2015; 193: 629-637

8. Bader P, Giudici L, Benden C. Lymphoproliferative Erkrankung nach Transplantation (PTLD). *Praxis (Bern 1994)* 2016; 105: 123-128
9. Murer C, **Benden C**. Lungentransplantation bei Patienten mit interstitieller Lungenerkrankung / idiopathisch pulmonaler Fibrose. *Ther Umsch* 2016; 73: 43-45
10. Murer C, **Benden C**, Huber LC. Lungentransplantation bei zystischer Fibrose. *Leading Opin* 2016; 2: 54-56
11. Schmid FA, **Benden C**. Special considerations for the use of lung transplantation in pediatrics. *Expert Rev Respir Med* 2016; 10: 655-662
12. Speck NE, Schuurmans MM, Murer C, **Benden C**, Huber LC. Diagnostic value of plasma and bronchoalveolar lavage samples in acute lung allograft rejection: differential cytology. *Respir Res* 2016; 17: 74
13. Schmid-Mohler G, Hirt A, **Benden C**, Horvath E, Staudacher D, Spirig R. Expertin für meine eigene Therapie. *Krankenpfl Soins Infirm* 2016 Sep; 109: 32-33
14. Royer PJ, Olivera-Botello G, Koutsokera, A, Aubert JD, Bernasconi E, Tissot A, Pison C, Nicod L, Boissel JP, Magnan A, on behalf of the **SysCLAD consortium**. Chronic lung allograft dysfunction: a systematic review of mechanisms. *Transplantation* 2016; 100: 1803-1814
15. Funke-Chambour M, Azzola A, Adler D, Barazzzone-Argiroffo C, **Benden C**, Boehler A, Bridevaux PO, Brutsche M, Clarenbach CF, Hostettler K, Kleiner-Finger R, Nicod LP, Soccia PM, Tamm M, Geiser T, Lazor R. Idiopathic pulmonary fibrosis in Switzerland: diagnosis and treatment. *Respiration* 2017; 93: 363-378
16. **Benden C**, Haughton M, Leonard S, Huber LC. Therapy options for chronic lung allograft dysfunction-bronchiolitis obliterans syndrome following first-line immunosuppressive strategies: a systematic review. *J Heart Lung Transplant* 2017; 36: 921-933
17. Speck NE, Schuurmans MM, **Benden C**, Robinson CA, Huber LC. Plasma and bronchoalveolar lavage samples in acute lung allograft rejection: the potential role of cytokines as diagnostic markers. *Respir Res* 2017; 18: 151
18. Hangartner N, Schuurmans MM, Murer C, **Benden C**, Huber LC. Therapeutic options for bronchiolitis obliterans Syndrome after lung transplantation. *Eurasian J Pulmonol* 2016; 18: 63-69
19. **Benden C**. Pediatric lung transplantation. *J Thorac Dis* 2017; 9: 2675-2683
20. Schwarz C, Hartl D, Eickmeier O, Hector A, **Benden C**, Durieu I, Sole A, Gartner S, Milla CE, Barry PJ. Progress in definition, prevention and treatment of fungal infections in cystic fibrosis. *Mycopathologia* 2018; 183: 21-32
21. Schmid-Mohler G, Caress AL, Spirig R, **Benden C**, Yorke J. Patient-reported outcome measures for symptom perception during a cystic fibrosis exacerbation. *Respiratory Care* 2018; 63: 353-366
22. **Benden C**. Indikationen für die Lungentransplantation. *Medical Tribune* 2018, 51. Jahrgang, Nr. 27-33, S. 11

23. Smoking resumption after heart or lung transplantation: a systematic review and suggestions for screening and management. Hofmann P, **Benden C**, Kohler M, Schuurmans MM. *J Thorac Dis* 2018;10:4609-4618
24. Schmid-Mohler G, Yorke J, Spirig R, **Benden C**, Caress AL. Adult patients' experiences of symptom management during a pulmonary exacerbation in cystic fibrosis: a thematic synthesis of qualitative research. *Chronic Illn* 2019; 15: 245-263
25. Benoit TM, **Benden C**. Pediatric lung transplantation: supply and demand. *Curr Opin Organ Transplant* 2019; 24: 324-328
26. Hage R, Steinack C, **Benden C**, Schuurmans MM. COVID-19 in patients with solid organ transplantation: a systematic review. *Transplantation* 2020; 1: 1-15
27. Werner R, **Benden C**. Pediatric lung transplantation as standard of care. *Clin Transplant* 2021; 35: e14126
28. Melicoff E, Hayes Jr D, **Benden C**. Lung transplantation as an intervention for pediatric pulmonary hypertension. *Pediatr Pulmonol* 2021; 56: 587-592
29. Ehram JP, **Benden C**, Immer FF, Inci I. Current status and further potential of lung donation after circulatory death. *Clin Transplant* 2021; 35: e14335
30. **Benden C**, Schwarz C. CFTR modulator therapy and its impact on lung transplantation in cystic fibrosis. *Pulm Ther* 2021; 7: 377-393
31. Dulek DE, Ardura MI, Green M, Michaels MG, Chaudhuri A, Vasquez L, Danziger-Isakov L, Posfay-Barbe KM, McCulloch MI, L'Huillier AG, **Benden C**. Update on COVID-19 vaccination in pediatric solid organ transplant recipients. *Pediatr Transplant* 2022; 26: e14235
32. Avdimiretz N, **Benden C**. The changing landscape of pediatric lung transplantation. *Clin Transplant* 2022; 36: e14634
33. Avdimiretz N, **Benden C**. Worldwide organ allocation systems for pediatric lung transplantation. *Clin Transplant* (im Druck)

#### **4. Buchkapitel (7)**

1. **Benden C**. The Cystic Fibrosis Service – The Annual Review. In: Handbook for the Management of Children with Cystic Fibrosis. Dinwiddie R, Wallis CE, Jaffe A, Prasad A (eds). Great Ormond Street Hospital for Children and the Institute of Child Health, London, United Kingdom (2004)
2. **Benden C**, Aurora P. Lung transplant recipients and other immunosuppressed patients. In: Progress in Respiratory Research, Paediatric Bronchoscopy. Priftis KN, Anthracopoulos MB, Eber E, Koumbourlis A, Wood RE (eds). Karger, Basel, Switzerland 2010; 38: 191-197
3. **Benden C**, Griese M. Therapeutische Prinzipien - Lungentransplantation. In: Praktische Pneumologie in der Pädiatrie – Therapie. Nicolai T, Griese M (Hrsg.). Thieme Verlag KG, Stuttgart, Deutschland 2013: 203-213

4. Griese M, **Benden C**, Griese M. Diagnose-bezogene Therapie, Reha und Prophylaxe - Bronchiolitis. In: *Praktische Pneumologie in der Pädiatrie – Therapie*. Nicolai T, Griese M (Hrsg.). Thieme Verlag KG, Stuttgart, Deutschland 2013: 332-337
5. Josephson M, **Benden C**, Hanna B. Indications for lung transplantation. In: *Solid organ transplantation in infants and children*. Dunn SP, Horslen S (eds). Springer, Cham 2018: 1-20
6. **Benden C**. Pediatric lung transplantation. In: *Lung transplantation in the third millennium*. Van Raemdonck D, Venuta F (eds). AME Publishing Company 2018: 89-97
7. **Benden C**. Pediatric lung transplantation: indications and outcomes. In: *Pediatric Solid Organ Transplantation: A Practical Handbook*. Shapiro R, Sarwal M, Raina R, Sethi SK (eds). Springer Nature, Singapore (im Druck)

### **5. Monographien (4)**

1. **Benden C**, Aurora P. Paediatric aspects of lung transplantation. *Eur Respir Mon* 2009; 45: 251-265
2. **Benden C**. Survival and functional status after pediatric lung transplantation. *ISHLT Mon Pediatric Lung Transplant* 2013; 7: 210-219
3. **Benden C**, Sweet SC. Monitoring for and treatment of Bronchiolitis Obliterans Syndrome. *ISHLT Mon Pediatric Lung Transplant* 2013; 7: 150-161
4. Danziger-Isakov L, **Benden C**. Pediatrics. *ISHLT Monograph on Management of Fungal Infections in Mechanical Circulatory Support and Cardiothoracic Organ Transplantation* 2018; 12: 100-110

### **6. Übrige Publikationen (55)**

1. **Benden C**, Boehler A. Efficacy of inhaled corticosteroids in children and adults with CF. *Breathe* 2006; 3: 188
2. Sweet SC, **Benden C**, Elidemir O. Lung transplantation and survival in children with cystic fibrosis. *N Engl J Medicine* 2008; 358: 1754
3. Sweet SC, Aurora P, **Benden C**, Wong JY, Goldfarb SB, Elidemir O, Woo MS, Mallory GB Jr. Lung transplantation and survival in children with cystic fibrosis: solid statistics – flawed interpretation. *Pediatr Transplant* 2008; 12: 129-136
4. **Benden C**, Boehler A. Clinical use of ibuprofen in children with CF. *Breathe* 2008; 4: 281
5. **Benden C**, Hofer M, Boehler A. Lung function measurements versus structural lung disease in CF. *Breathe* 2008; 5: 65

6. **Benden C**, Dipchand A, Danziger-Isakov LA, Esquivel CO, Ringdén O, Wray J, Marks SD. Pediatric transplantation: ten years on. *Pediatr Transplant* 2009; 13: 272-277
7. Esquivel CO, **Benden C**. Clinical models of tolerance induction in pediatric transplantation. *Pediatr Transplant* 2009; 13: 397-399
8. Hofer M, **Benden C**, Rechsteiner T, Boehler A. Extended measurements of exhaled nitric oxide in adult lung transplant recipients. *Transplantation* 2010; 90: 225-226
9. Radtke T, **Benden C**. Respiratory muscle training: effects of training or simple learning? *Respir Physiol Neurobiol* 2010; 173: 113-114
10. Hertz MI, Aurora P, **Benden C**, Christie JD, Dobbels F, Edwards LB, Kirk R, Kucheryavaya AY, Rahmel AO, Rowe AW, Stehlik J. Scientific Registry of the International Society for Heart and Lung Transplantation: introduction to the 2011 annual reports. *J Heart Lung Transplant* 2011; 30: 1071-1077
11. Stehlik J, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dobbels, F, Kirk R, Rahmel AO, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: twenty-eighth official adult heart transplantation report – 2011. *J Heart Lung Transplant* 2011; 30: 1078-1094
12. Kirk R, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dobbels, F, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: fourteenth official pediatric heart transplantation report – 2011. *J Heart Lung Transplant* 2011; 30: 1095-1103
13. Christie JD, Edwards LB, Kucheryavaya AY, **Benden C**, Dobbels F, Kirk R, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: twenty-eighth official adult lung and heart-lung transplantation report – 2011. *J Heart Lung Transplant* 2011; 30: 1104-1122
14. **Benden C**, Aurora P, Edwards LB, Kucheryavaya AY, Christie JD, Dobbels, F, Kirk R, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: fourteenth official pediatric lung and heart-lung transplantation report – 2011. *J Heart Lung Transplant* 2011; 30: 1123-1132
15. **Benden C**. ECMO use as a bridge to pediatric lung transplantation. *ISHLT Links Newsletter* 2012; 3: 11
16. Schuurmans MM, Tini GM, Zuercher A, Hofer M, **Benden C**, Boehler A. Practical approach to emergencies in lung transplant recipients: how we do it. *Respiration* 2012; 84:163-175
17. **Benden C**. Mead L, Glanville AR. Safety and efficacy of influenza vaccination in lung transplant recipients. *ISHLT Links Newsletter* 2012; 4: 5
18. Stehlik J, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dipchand AI, Dobbels, F, Kirk R, Rahmel AO, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: 29<sup>th</sup> official adult heart transplantation report – 2012. *J Heart Lung Transplant* 2012; 31: 1052-1064



19. Kirk R, Dipchand AI, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dobbels F, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: fifteenth pediatric heart transplantation report – 2012. *J Heart Lung Transplant* 2012; 31: 1065-1072
20. Christie JD, Edwards LB, Kucheryavaya AY, **Benden C**, Dipchand AI, Dobbels F, Kirk R, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: 29<sup>th</sup> adult lung and heart-lung transplantation report – 2012. *J Heart Lung Transplant* 2012; 31: 1073-1086
21. **Benden C**, Edwards LB, Kucheryavaya AY, Christie JD, Dipchand AI, Dobbels F, Kirk R, Rahmel AO, Stehlik J, Hertz MI. The Registry of the International Society for Heart and Lung Transplantation: fifteenth official pediatric lung and heart-lung transplantation report – 2012. *J Heart Lung Transplant* 2012; 31: 1087-1095
22. Schuurmans MM, **Benden C**, Inci I. Practical approach to early postoperative management of lung transplant recipients. *Swiss Med Wkly* 2013; 143: w13773
23. Stehlik J, Hosenpud JD, Edwards LB, Hertz MI, Mehra MR; International Society for Heart and Lung Transplantation. ISHLT International Society for Heart and Lung Transplantation – into the fourth decade, from strength to strength. *J Heart Lung Transplant* 2013; 32: 941-950
24. Lund LH, Edwards LB, Kucheryavaya AY, Dipchand AI, **Benden C**, Christie JD, Dobbels F, Kirk R, Rahmel AO, Yusef RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: Thirtieth official adult heart transplant report – 2013; focus theme: age. *J Heart Lung Transplant* 2013; 32: 965-978
25. Dipchand AI, Kirk R, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dobbels F, Lund LH, Rahmel AO, Yusef RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: sixteenth official pediatric heart transplantation report – 2013; focus theme: age. *J Heart Lung Transplant* 2013; 32: 979-988
26. Yusef RD, Christie JD, Edwards LB, Kucheryavaya AY, **Benden C**, Dipchand AI, Dobbels F, Kirk R, Lund LH, Rahmel AO, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: thirtieth adult lung and heart-lung transplant report – 2013; focus theme: age. *J Heart Lung Transplant* 2013; 32: 965-978
27. **Benden C**, Edwards LB, Kucheryavaya AY, Christie JD, Dipchand AI, Dobbels F, Kirk R, Lund LH, Rahmel AO, Yusef RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: sixteenth official pediatric lung and heart-lung transplantation report – 2013; focus theme: age. *J Heart Lung Transplant* 2013; 32: 989-997
28. Pison C, Magnan A, Botturi K, Sève M, Brouard S, Marsland BJ, Ernst F, Paprotka T, Deplanche K, Fritz A, Siroux V, Boissel JP, Corris PA, Auffray C, Nicod LP; **SysCLAD consortium**. Prediction of chronic lung allograft dysfunction: a systems medicine challenge. *Eur Respir J* 2014; 43: 689-693
29. Lund LH, Edwards LB, Kucheryavaya AY, **Benden C**, Christie JD, Dipchand AI, Dobbels F, Goldfarb SB, Levvey BJ, Meiser B, Yusef RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: Thirty-first official adult heart transplant report – 2014; focus theme: retransplantation. *J Heart Lung Transplant* 2014; 33: 996-1008
30. Dipchand AI, Edwards LB, Kucheryavaya AY, **Benden C**, Dobbels F, Levvey BJ, Lund LH, Meiser B, Yusef RD, Stehlik J. The Registry of the International Society for Heart and Lung

Transplantation: seventeenth official pediatric heart transplantation report – 2014; focus theme: retransplantation. *J Heart Lung Transplant* 2014; 33: 985-995

31. Yusen RD, Edwards LB, Kucheryavaya AY, **Benden C**, Dipchand AI, Dobbels F, Goldfarb SB, Levvey BJ, Lund LH, Meiser B, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: thirty-first adult lung and heart-lung transplant report – 2014; focus theme: retransplantation. *J Heart Lung Transplant* 2014; 33: 1009-1024
32. **Benden C**, Goldfarb SB, Edwards LB, Kucheryavaya AY, Christie JD, Dipchand AI, Dobbels, F, Levvey BJ, Lund LH, Meiser B, Yusen RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: seventeenth official pediatric lung and heart-lung transplantation report – 2014; focus theme: retransplantation. *J Heart Lung Transplant* 2014; 33: 1025-1033
33. Weill D, **Benden C**, Corris PA, Dark JH, Davis RD, Keshavjee S, Lederer DJ, Mulligan MJ, Patterson GA, Singer LG, Snell GI, Verleden GM, Zamora MR, Glanville AR. A consensus document for the selection of lung transplant candidates: 2014 – an update from the Pulmonary Transplantation Council of the International Society for Heart and Lung Transplantation. *J Heart Lung Transplant* 2015; 34: 1-15
34. **Benden C**. What we expected all along: Bronchiolitis obliterans syndrome is not specific for bronchiolitis obliterans in pediatric lung transplantation! *J Heart Lung Transplant* 2015; 34: 501-502
35. Lund LH, Edwards LB, Kucheryavaya AY, **Benden C**, Dipchand AI, Goldfarb SB, Levvey BJ, Meiser B, Rossano JW, Yusen RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: Thirty-second official adult heart transplant report – 2015; focus theme: early graft failure. *J Heart Lung Transplant* 2015; 33: 1244-1254
36. Dipchand AI, Rossano JW, Edwards LB, Kucheryavaya AY, **Benden C**, Goldfarb S, Levvey BJ, Lund LH, Meiser B, Yusen RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: eighteenth official pediatric heart transplantation report – 2015; focus theme: early graft failure. *J Heart Lung Transplant* 2015; 34: 1233-1243
37. Yusen RD, Edwards LB, Kucheryavaya AY, **Benden C**, Dipchand AI, Goldfarb SB, Levvey BJ, Lund LH, Meiser B, Rossano JW, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: thirty-second official adult lung and heart-lung transplant report – 2015; focus theme: early graft failure. *J Heart Lung Transplant* 2015; 34: 1255-1263
38. Goldfarb SB, **Benden C**, Edwards LB, Kucheryavaya AY, Dipchand AI, Levvey BJ, Lund LH, Meiser B, Rossano JW, Yusen RD, Stehlik J. The Registry of the International Society for Heart and Lung Transplantation: eighteenth official pediatric lung and heart-lung transplantation report – 2015; focus theme: early graft failure. *J Heart Lung Transplant* 2015; 34: 1255-1263
39. Schnyder MA, **Benden C**, Schmid C. HbA1c: An effective screening tool for cystic fibrosis related diabetes? *J Cyst Fibros* 2016; 15: 261-262
40. Radtke T, **Benden C**, Kriemler S. Physical activity and exercise training in lung transplant recipients with cystic fibrosis: 'What we know, what we don't know and where to go'. *Lung* 2016; 194: 177-178
41. Husain S, Sole A, Alexander BD, Aslam S, Avery R, **Benden C**, Billaud EM, Chambers D, Danziger-Isakov L, Fedso S, Gould K, Gregson A, Grossi P, Hadjiliadis D, Hopkins P, Luong ML, Marriott DJE, Monforte V, Muñoz P, Pasqualotto AC, Roman A, Silveira PF, Teuteberg J,

- Weigt S, Zaas AK, Zuckerman A, Morrissey O. The 2015 International Society for Heart and Lung Transplantation Guidelines for the Management of Fungal Infections in Mechanical Circulatory Support and Cardiothoracic Organ Transplant Recipients: Executive Summary. *J Heart Lung Transplant* 2016; 35: 261-282
42. Levine DJ, Glanville AR, Aboyou C, Belperio J, **Benden C**, Berry GJ, Hachem R, Hayes D, Neil D, Reinsmoen NL, Snyder LD, Sweet S, Tyan D, Verleden G, Westall G, Yusen RD, Zamora M, Zeevi A. Antibody-mediated rejection of the lung: A consensus report of the International Society for Heart and Lung Transplantation. *J Heart Lung Transplant* 2016; 35: 397-406
  43. Schnyder MA, **Benden C**, Faulenbach M, Schmid C. Insulin secretion abnormalities in patients with cystic fibrosis. *J Cyst Fibros* 2016; 15: e52-53
  44. Schmid-Mohler G, Hirt A, **Benden C**, Horvath E, Staudacher D, Spirig R. Expertin für meine eigene Therapie. *Krankenpfl Soins Infirm* 2016; 109: 32-33
  45. Kloeti S, Kurowski T, Huber LC, Spinass R, Möller A, **Benden C**. Erfahrungsbericht: Zürcher Transition von Patienten mit zystischer Fibrose vom pädiatrischen in das adulte Zentrum. *Swiss Med Forum* 2017; 17: 650-653
  46. Crespo, MM, McCarthy DP, Hopkins PM, Clark SC, Budev, M, Bermudez CA, **Benden C**, Eghtesady P, Lease E, Leard L, D’Cunha J, Wigfield CH, Cypel, M, Diamond JM, Yun JJ, Yarmus L, Machuzak M, Klepetko W, Verleden G, Hoetzenecker K, Dellgren G, Mulligan M. ISHLT consensus statement on adult and pediatric airway complications after lung transplantation: definitions, grading system, and therapeutics. *J Heart Lung Transplant* 2018; 37: 548-563
  47. Fuehner T, **Benden C**, Gottlieb J. Initial immunosuppression and managing rejection. *Intensive Care Med* 2019; 45: 388-390
  48. Glanville AR, Verleden GM, Todd JL, **Benden C**, Calabrese F, Gottlieb J, Hachem RR, Levine D, Meloni F, Palmer SM, Roman A, Sato M, Singer LG, Tokman S, Verleden SE, von der Thüsen J, Vos R, Snell G. Chronic lung allograft dysfunction: definition and update of restrictive allograft syndrome - A consensus report from the Pulmonary Council of the ISHLT. *J Heart Lung Transplant* 2019; 38: 483-492
  49. **Benden C**. Lung transplantation as standard of care for advanced cystic fibrosis lung disease. *J Heart Lung Transplant* 2020; 39: 561-562
  50. Kapnadak SG, Dimango E, Hadjiliadis D, Hempstead SE, Tallarico E, Pilewski JM, Faro A, Albright J, **Benden C**, Blair S, Dellon EP, Gochenour D, Michelson P, Moshiree B, Neuringer I, Riedy C, Schindler T, Singer LG, Young D, Vignola L, Zukosky J, Simon RH. Cystic Fibrosis Foundation consensus guidelines for the care of individuals with advanced cystic fibrosis lung disease. *J Cyst Fibros* 2020; 19: 344-354
  51. Martinu T, Koutsokera A, **Benden C**, Cantu E, Chambers D, Cypel M, Edelman J, Emtiazjoo A, Fisher AJ, Greenland JR, Hayes D Jr, Hwang D, Keller BC, Lease ED, Perch M, Sato M, Todd JL, Verleden S, von der Thüsen J, Weigt SS, Keshavjee S; bronchoalveolar lavage standardization workgroup. International Society for Heart and Lung Transplantation consensus statement for the standardization of bronchoalveolar lavage in lung transplantation. *J Heart Lung Transplant* 2020; 39: 1171-1190
  52. Holm AM, Immer F, **Benden C**. Lung allocation for transplant: the European perspective. *Clin Transplant* 2020; 34: e13883

53. Ehram JP, **Benden C**, Immer FF, Inci I. Current status and further potential of lung donation after circulatory death. *Clin Transplant* 2021; 35: e1433
54. L'Huillier AG, Ardura MI, Chaudhuri A, Danziger-Isakov L, Dulek D, Green M, Michaels MG, Posfay-Barbe KM, Vázquez L, **Benden C**. COVID-19 vaccination in pediatric solid organ transplant recipients – current state and future directions. *Pediatr Transplant* 2021; 25: e14031
55. Glanville AR, **Benden C**, Bergeron A, Cheng GS, Gottlieb J, Lease ED, Perch M, Todd JL, Williams KM, Verleden GM. Bronchiolitis obliterans syndrome after lung or haematopoietic stem cell transplantation: current management and future directions. *ERJ Open Res* 2022; 8: 00185-2022