

Publications

Original Research:

1. Jiang X, Klimovich V, Arunkumar AI, **Hysinger E**, Wang Y, Ott RD, Guler GD, Weiner B, Chazin WJ, Fanning E. Structural Mechanism of RPA loading on DNA during activation of a simple pre-replication complex. *EMBO J*. 2006. 25(23): 5516-26. doi: 10.1038/sj.emboj.7601432. Epub 2006 Nov 16. PMID: 17110927.
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8. Fierro J, **Hysinger E**, Piccione J, Panitch H, Blinman T, Laje P, Kirpalani H, Zhang H, and Munson D. Balloon Airway Occlusion to Elucidate the Clinical Impact of Pulmonary Lobar Hyperinflation. *Pediatr Allergy Immunol Pulmonol*. 2018. 31(3): 186-190.
9. Sood N, Connolly J, Mentch F, Vazquez L, **Hysinger E**, eMERGE Outcomes WorkGroup, and Hakonarson H. Leveraging Electronic Health Records to Assess the Role of ADRB2 SNPs in Predicting Exacerbation Frequency in Asthma Patients. *Pharmacogenet Genomics*. 2018. 28(11): 256-259. doi: 10.1097/FPC.0000000000000355. PMID: 3033491.
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16. Bouso J, Yendur O, **Hysinger E**, Planet P, Haas A, Goldfarb G, and Piccione J. EBUS Guided Biopsy is Feasible, Safe, and Improves Diagnostic Yields in Immunocompromised Children. *Am J Resp Crit Care Med*. 2020. 201(3): 384-386. doi: 10.1164/rccm.201907-1372LE. PMID: 31626557.
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18. **Hysinger E**, Bates A, Higano N, Benscoter D, Fleck R, Hart C, Burg G, De Alarcon A, Kingma P, and Woods J. Ultrashort Echo-time MRI for the Assessment of Tracheomalacia in Neonates. *Chest*. 2020. 157 (3): 596-602. doi: 10.1016/j.chest.2019.11.034. Epub 2019 Dec 17. PMID: 31862439.
19. Polverino F, **Hysinger E**, Gupta N, Olin Tod, Abman S, and Woods J. Imaging the Underlying Pathologies of Long-term BPD and Early COPD. *Am J Med*. 2020. 133 (60): 757-760. doi: 10.1016/j.amjmed.2019.12.009. Epub 2020 Jan 16. PMID: 31954683.
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24. Yang MM, Higano NS, Gunatilaka C, Hyinsger EB, Amin RS, Woods JC, Bates AJ. The Position of Subglottic Stenosis Affects Neonatal Work of Breathing. *Laryngoscope*. 2021. 131(4): 1220-1226. doi: 10.1002/lary.29169. PMID: 33280109.
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29. Adaikalam S, Higano N, **Hysinger E**, Bates A, Fleck R, Schapiro A, House M, Nathan A, Ahfeld S, Brady J, Woods J, and Kingma P. Tracheostomy Prediction Mode in Neonatal Bronchopulmonary Dysplasia via Lung and Airway MRI. *Pediatr Pulmonol*. 2022. 57 (4): 1042-1050. doi: **10.1002/ppul.25826**. PMID: **35029053**.
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 50. Miller A, Hart C, Kao D, Bellew and **Hysinger E**. Factors Associated With Positive Respiratory Cultures Following Tracheostomy in Pediatric Patients. *Int J Ped Otol*. 2024. 184:112075. doi: <https://doi.org/10.1016/j.ijporl.2024.112075>. PMID: **39186881**.
 51. Bozkanat M, Wendroth R, Radchenko C, Burg G, **Hysinger E**. Transbronchial cryo-nodal biopsies in Children: A Case Series. *Pediatr Pulmonol*. 2025. 60(1): e 27291. doi: 10.1002/ppul.27291. PMID: **39508304**.
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 54. Vicencio A, Schramm D, **Hysinger E**, Piccione , and Thapa S. Pediatric Interventional Bronchoscopy-Highlighting (and Mitigating) Gaps in Care. *Pediatr Pulmonol*. 2025. 60(1): e27482. doi: 10.1002/ppul.27482. PMID: 39835777.

Books, chapters, reviews, and other Publications:

1. Hayden L, Boyer D, **Hysinger E**, Moore P, Faro A, Wilson K, and Thomson C, Flexible Airway Endoscopy in Children. *Ann Amer Thorac So*. 2015. 12(12). 1873-1875. doi: 10.1513/AnnalsATS.201509-612CME. PMID: 26653192.
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10. **Hysinger E**, Higano N, Critser P, and Woods J. Imaging in Neonatal Respiratory Disease. *Paediatr Res Rev*. 2022. 43: 44-52. doi: 10.1007/s00247-021-05250-1 PMID: **35122130**.
11. **Hysinger E** and Ahlfeld S. Respiratory support strategies in the prevention and treatment of bronchopulmonary dysplasia. *Fron Pediatr*. 2023. 11:1087857. doi: 10.3389/fped.2023.1087857. PMID: **36937965**.
12. **Hysinger E** and Piccione J. Advanced Diagnostic and Therapeutic Bronchoscopy in Pediatrics. *Clinic Chest Med*. 2023. 45(3): 555-567. doi: 10.1016/j.ccm.2024.02.027. PMID: **3906932**.
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14. **Hysinger E** and House M. Feeding, Swallowing, and Breathing in Infants and Children with BPD. *Pediatric Aerodigestive Medicine*. Accepted for publication.