

## Key Publications

1. du Preez: K.; Gabardo, B.M.A.; Kabra, S.K.; Triasih,R.; Lestari, T.; Kal, M.; Tsogt, B.; Dorj, G.; Purev, E.; Nguyen, T.A.; et al. Priority Activities in Child and Adolescent Tuberculosis to Close the Policy-Practice Gap in Low- and Middle-Income Countries. *Pathogens* **2022**, *11*, 196. <https://doi.org/10.3390/pathogens11020196>
2. Singh UB, Verma Y, Jain R, Mukherjee A, Gautam H, Lodha R, Kabra SK. Childhood Intra-Thoracic Tuberculosis Clinical Presentation Determines Yield of Laboratory Diagnostic Assays. *Front Pediatr*. 2021 Aug 25;9:667726.
3. Singh A, Mittal D, Jain V, Kabra SK, Agarwala S. Primary Esophageal Tuberculosis. *Indian J Pediatr*. 2021 Sep;88(9):947.
4. Madan K, Iyer H, Madan NK, Mittal S, Tiwari P, Hadda V, Mohan A, Pandey RM, Kabra SK, Guleria R. Efficacy and safety of EBUS-TBNA and EUS-B-FNA in children: A systematic review and meta-analysis. *PediatrPulmonol*. 2021 Jan;56(1):23-33.
5. Gautam H, Singla M, Jain R, Lodha R, Kabra SK, Singh UB. Point-of-care urine lipoarabinomannan antigen detection for diagnosis of tuberculosis in children. *Int J Tuberc Lung Dis*. 2019 Jun 1;23(6):714-719.
6. Singh V, Kabra SK. Advances in Tuberculosis: Therapeutics. *Indian J Pediatr*. 2019 Aug;86(8):700-702.
7. Singh V, Kabra SK. Advances in Tuberculosis: Diagnostics. *Indian J Pediatr*.2019 May;86(5):439-440.
8. Mukherjee A, Lodha R, Kabra SK. Pharmacokinetics of First-Line Anti-Tubercular Drugs. *Indian J Pediatr*. 2019 May;86(5):468-478.
9. Gulla KM, Gunathilaka G, Jat KR, Sankar J, Karan M, Lodha R, Kabra SK. Utility and safety of endobronchial ultrasound-guided transbronchial needleaspiration and endoscopic ultrasound with an echobronchoscope-guided fine needleaspiration in children with mediastinal pathology. *PediatrPulmonol*. 2019Jun;54(6):881-885.
10. Saini I, Mukherjee A, Gautam H, Singla M, Jat KR, Lodha R, Singh UB, KabraSK. Diagnostic Yield of Xpert MTB/RIF in Bronchoalveolar Lavage in Children with Probable Pulmonary Tuberculosis. *Indian Pediatr*. 2018 Dec 15;55(12):1062-1065.
11. Jain R, Mukherjee A, Singla M, Verma Y, Gautam H, Lodha R, Singh UB, KabraSK. Predictors of Microbiologically Confirmed Intrathoracic Tuberculosis. *Indian J Pediatr*. 2017 Nov;84(11):843-847.
12. Mukherjee A, Lodha R, Kabra SK. Current therapies for the treatment of multidrug-resistant tuberculosis in children in India. *Expert OpinPharmacother*.2017 Oct;18(15):1595-1606.
13. Gjøen JE, Jenum S, Sivakumaran D, Mukherjee A, Macaden R, Kabra SK, Lodha R, Ottenhoff THM, Haks MC, Doherty TM, Ritz C, Grewal HMS. Novel transcriptional signatures for sputum-independent diagnostics of tuberculosis in children. *SciRep*. 2017 Jul 19;7(1):5839..
14. Jenum S, Bakken R, Dhanasekaran S, Mukherjee A, Lodha R, Singh S, Singh V, Haks MC, Ottenhoff TH, Kabra SK, Doherty TM, Ritz C, Grewal HM. BLR1 and FCGR1A transcripts in peripheral blood associate with the extent of intrathoracic tuberculosis in children and predict treatment outcome. *Sci Rep*. 2016 Dec 12;6:38841.
15. Mukherjee A, Velpandian T, Singla M, Kanhiya K, Kabra SK, Lodha R. Pharmacokinetics of isoniazid, rifampicin, pyrazinamide and ethambutol in HIV-infected Indian children. *Int J Tuberc Lung Dis*. 2016 May;20(5):666-72.
16. Jenum S, Dhanasekaran S, Lodha R, Mukherjee A, Kumar Saini D, Singh S, Singh V, Medigeshi G, Haks MC, Ottenhoff TH, Doherty TM, Kabra SK, Ritz C, Grewal HM. Approaching a diagnostic point-of-care test for pediatric tuberculosis through evaluation of immune biomarkers across the clinical disease spectrum. *Sci Rep*.2016 Jan 4;6:18520.
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18. Singh S, Singh A, Prajapati S, Kabra SK, Lodha R, Mukherjee A, Singh V, Hesselting AC, Grewal HM; Delhi Pediatric TB study group. Xpert MTB/RIF assay can be used on archived

- gastric aspirate and induced sputum samples for sensitive diagnosis of paediatric tuberculosis. *BMC Microbiol.* 2015 Sep 29;15:191.
19. Prajapati S, Upadhyay K, Mukherjee A, Kabra SK, Lodha R, Singh V, Grewal HM, Singh S; Delhi Pediatric TB Study Group. High prevalence of primary drug resistance in children with intrathoracic tuberculosis in India. *Paediatr Int Child Health.* 2016 Aug;36(3):214-8.
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  23. Khandelwal D, Gupta N, Mukherjee A, Lodha R, Singh V, Grewal HM, Bhatnagar S, Singh S, Kabra SK; Delhi Pediatric TB Study Group. Vitamin D levels in Indian children with intrathoracic tuberculosis. *Indian J Med Res.* 2014 Oct;140(4):531-7.
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  25. Kumar P, Kumar A, Lodha R, Kabra SK. Childhood tuberculosis in general practice. *Indian J Pediatr.* 2015 Apr;82(4):368-74.
  26. Veedu PT, Bhalla AS, Vishnubhatla S, Kabra SK, Arora A, Singh D, Gupta AK. Pediatric vs adult pulmonary tuberculosis: A retrospective computed tomography study. *World J Clin Pediatr.* 2013 Nov 8;2(4):70-6.
  27. Mukherjee A, Saini S, Kabra SK, Gupta N, Singh V, Singh S, Bhatnagar S, Saini D, Grewal HM, Lodha R; Delhi TB Study group. Effect of micronutrient deficiency on QuantiFERON-TB Gold In-Tube test and tuberculin skin test diagnosis of childhood intrathoracic tuberculosis. *Eur J Clin Nutr.* 2014 Jan;68(1):38-42.
  28. Lodha R, Mukherjee A, Saini D, Saini S, Singh V, Singh S, Grewal HM, Kabra SK; Delhi TB Study Group. Role of the QuantiFERON®-TB Gold In-Tube test in the diagnosis of intrathoracic childhood tuberculosis. *Int J Tuberc Lung Dis.* 2013 Nov;17(11):1383-8.
  29. Panda SS, Agarwala S, Kabra SK, Ray R, Sugandhi N, Bhat AS, Lodha R, Joshi P, Bisoi AK, Arora A, Gupta AK. Aorto-esophageal fistula in a child. *J Indian Assoc Pediatr Surg.* 2013 Jul;18(3):124-6.
  30. Mukherjee A, Singh S, Lodha R, Singh V, Hesseling AC, Grewal HM, Kabra SK; Delhi Pediatric TB Study Group. Ambulatory gastric lavages provide better yields of *Mycobacterium tuberculosis* than induced sputum in children with intrathoracic tuberculosis. *Pediatr Infect Dis J.* 2013 Dec;32(12):1313-7.
  31. Parashar D, Kabra SK, Lodha R, Singh V, Mukherjee A, Arya T, Grewal HM, Singh S; Delhi Pediatric TB Study Group. Does neutralization of gastric aspirates from children with suspected intrathoracic tuberculosis affect mycobacterial yields on MGIT culture? *J Clin Microbiol.* 2013 Jun;51(6):1753-6.
  32. Mukherjee A, Lodha R, Kabra SK. Status and current role of 'interferon gamma release assays' vs. 'tuberculin skin testing' in diagnosis of tubercular disease. *Indian J Pediatr.* 2013 Apr;80(4):334-6.
  33. Cuevas LE, Browning R, Bossuyt P, Casenghi M, Cotton MF, Cruz AT, Dodd LE, Drobniewski F, Gale M, Graham SM, Grzemska M, Heinrich N, Hesseling AC, Huebner R, Jean-Philippe P, Kabra SK, Kampmann B, Lewinsohn D, Li M, Lienhardt C, Mandalakas AM, Marais BJ, Menzies HJ, Montepiedra G, Mwansaambo C, Oberhelman R, Palumbo P, Russek-Cohen E, Shapiro DE, Smith B, Soto-Castellares G, Starke JR, Swaminathan S, Wingfield C, Worrell C. Evaluation of tuberculosis diagnostics in children: 2. Methodological issues for conducting and reporting research evaluations of

- tuberculosis diagnostics for intrathoracic tuberculosis in children. Consensus from an expert panel. *J Infect Dis.* 2012 May 15;205 Suppl2(Suppl 2):S209-15.
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35. Mukund A, Khurana R, Bhalla AS, Gupta AK, Kabra SK. CT patterns of nodal disease in pediatric chest tuberculosis. *World J Radiol.* 2011 Jan 28;3(1):17-23.

**Key Books:**

1. Essential Pediatric Tuberculosis Ed 5
2. Advances in tuberculosis, 2018; Indian Journal of Pediatrics