

## Especial Tuberculosis GPI (marzo 2024)

### 1. Documentos del GPI

- [Tuberculosis en edad pediátrica](#)
- [Diagnóstico de tuberculosis en edad pediátrica: Mantoux e IGRAs](#)
- [Espujo inducido versus lavado gástrico en el diagnóstico de Tuberculosis pulmonar](#)

### 2. GUÍAS CLÍNICAS

#### ● ORGANIZACIÓN MUNDIAL DE LA SALUD

- [Organización Panamericana de la Salud. Directrices unificadas de la OMS sobre la tuberculosis. Módulo 5: Manejo de la tuberculosis en la población infantil y adolescente.](#)

#### ● DOCUMENTOS CONSENSO ESPAÑA (ACTUALIZACIÓN 2023)

- [Actualización del diagnóstico y tratamiento de la Tuberculosis.](#) An Pediatr (Engl Ed). 2023 Jun;98(6):460-469.
- [Tuberculosis pediátrica y tuberculosis congénita.](#) Protoc diagn ter pediatr. 2023;2:369-386.

### 3. GUIA ABE

- [Tuberculosis \(Guía ABE\) 2020](#)
- [Mantoux e IGRAs \(Guía ABE\) 2021.](#)

### 4. ALGORITMO AEPAP: ESTUDIO DE CONTACTOS

- [Contacto con tuberculosis. 2019](#)

### 5. PROTOCOLO DIAGNÓSTICO

- [Protocolo RENAVE](#) Actuación ante un caso y Declaración Obligatoria.

## 6. SITUACIÓN EPIDEMIOLÓGICA

#### ● ESPAÑA

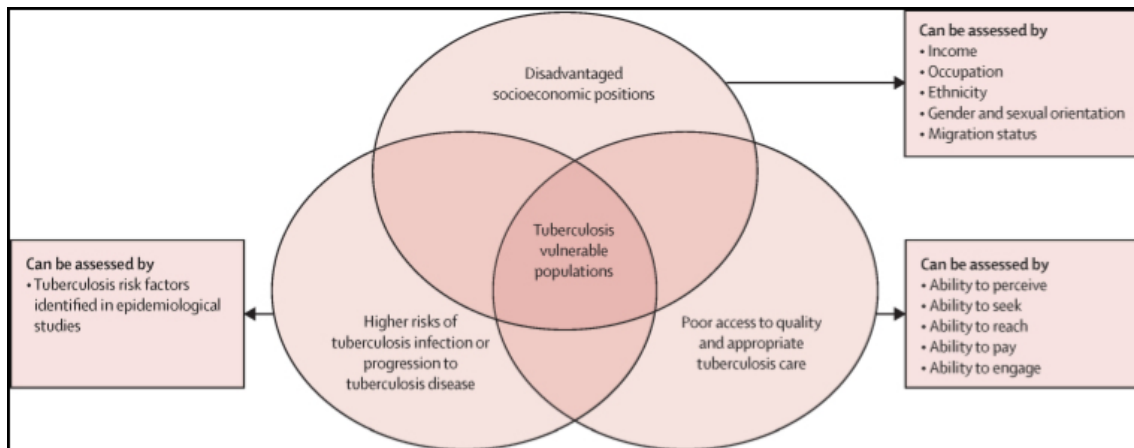
- [Vigilancia de la tuberculosis en España \(2015-2021\).](#) BES [Internet]. 29 de septiembre de 2023 [citado 14 de febrero de 2024];31(3):176-89.
- [Prevalence and Clinical Characteristics of Children With Nonsevere Tuberculosis in Spain.](#) Pediatr Infect Dis J. 2023 Oct 1;42(10):837-843.
- [The epidemiological situation of tuberculosis in Spain according to surveillance and hospitalization data, 2012-2020.](#) PLoS One. 2024 Jan 2;19(1):e0295918.
- [Tuberculosis in Spain: An opinion paper.](#) Rev Esp Quimioter. 2023 Dec;36(6):562-583.
- [Informe anual 2022 RENAVE.](#)

#### ● EUROPA

- [Tuberculosis surveillance and monitoring in Europe 2023 – 2021 data.](#) ECDC. 2023.
- [Tuberculosis in the European Region.](#) Curr Trop Med Rep. 2023 May 27:1-6.

#### ● EL MUNDO

- [Burden of tuberculosis among vulnerable populations worldwide: an overview of systematic reviews.](#) Lancet Infect Dis. 2023 Dec;23(12):1395-1407.



Conceptual model of populations vulnerable to tuberculosis. *Lancet Infect Dis.* 2023 Dec;23(12):1395-1407.

Enlace: [https://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(23\)00372-9/](https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(23)00372-9/).

- [Global estimates of paediatric tuberculosis incidence in 2013–19: a mathematical modelling analysis.](#) *Lancet Glob Health* 2022; 10: e207–15.

## 7. NOVEDADES

### ● SUMARIO

- [World Tuberculosis Day: Time to Translate New Clinical Findings in Pediatric Tuberculosis in Routine Practice.](#) *Pediatr Infect Dis J.* 2023 Aug 1;42(8):633-636.

### ● TRATAMIENTO

- [Shorter Treatment for Nonsevere Tuberculosis in African and Indian Children.](#) *N Engl J Med.* 2022;386:911---22-.
- [Development of treatment-decision algorithms for children evaluated for pulmonary tuberculosis: an individual participant data meta-analysis.](#) *Lancet Child Adolesc Health.* 2023 May;7(5):336-346.

### ● DIAGNÓSTICO

- [What's New in the Molecular Diagnosis of Childhood Tuberculosis?](#) *Pediatr Infect Dis J.* 2023 Oct 1;42(10):e377-e379.
- [Optimization of the Simple One-Step Stool Processing Method to Diagnose Tuberculosis: Evaluation of Robustness and Stool Transport Conditions for Global Implementation.](#) *Microbiol Spectr.* 2023 Aug 17;11(4):e0117123.
- [Comparison of gastric lavage/sputum and stool specimens in the diagnosis of pediatric pulmonary tuberculosis- A pilot study.](#) *Indian J Tuberc.* 2023 Oct;70(4):445-450.
- [Utility and Limits of Lung Ultrasound in Childhood Pulmonary Tuberculosis: Lessons from a Case Series and Literature Review.](#) *J. Clin. Med.* 2022, 11, 5714.

## 8. PERSPECTIVAS FUTURAS

- [Progresos, prioridades y oportunidades de financiación](#) *Pathogens.* 2022 Jan 21;11(2):128.

Table 4

Key short-term pediatric TB research gaps.

Research Area	Research Gap(s)
TB preventive treatment	<p>Tests to distinguish TB infection from TB disease, e.g., blood-based RNA tests, blood-based immune response tests, CAD and portable X-ray technologies</p> <p>Tests to predict risk of progression from TB infection to TB disease, e.g., blood-based host response tests</p> <p>Ultrashort child friendly TPT regimens for child contacts of people with drug-susceptible and drug-resistant TB</p>
TB vaccines	Pediatric investigations of TB vaccine candidate M72/AS01E
TB diagnostics	Non-invasive, non-sputum, point-of-care diagnostic tests, e.g., oral swab-based rapid molecular tests for TB detection, next generation LAM tests, etc.
TB treatment	<p>Pediatric investigation of high dose rifapentine</p> <p>Pediatric investigation of pretomanid (multi-dose)</p> <p>Non-sputum tests to facilitate treatment monitoring and shortening, e.g., blood-based host response tests</p>

Tabla: Principales necesidades de investigación a corto plazo en TB pediátrica. Pathogens. 2022 Jan 21;11(2):128.

- [Estrategias de prevención en tuberculosis pediátrica](#) Tuberculosis prevention: current strategies and future directions. Clin Microbiol Infect. 2023 Oct 31:S1198-743X(23)00533-5.

#### Nuevas vacunas

- [Advances in development of new tuberculosis vaccines](#). Current Opinion in Pulmonary Medicine 29(3):p 143-148, May 2023. DOI: 10.1097/MCP.0000000000000950.
- [Inteligencia artificial en tuberculosis pediátrica](#). Pediatr Radiol. 2023 Aug;53(9):1733-1745

## 9. EL PROBLEMA DE LAS RESISTENCIAS

- [Multidrug-Resistant TB \(MDR-TB\) and Extensively Drug-Resistant TB \(XDR-TB\) Among Children: Where We Stand Now](#). Cureus. 2023 Feb 18;15(2):e35154.
- [El Proyecto sentinel](#)

## 10. INFORMACIÓN PARA LAS FAMILIAS

### Familia y salud

- [¿Qué es y cómo se contagia?](#)
- [Técnica de Mantoux](#)

### CDC

- [Lo que se debe saber sobre la tuberculosis](#)