





Hospital Universitari Mútua Terrassa BARCELONA



## INDICATIONS AND TECHNICAL TIPS FOR LUNG RESECTIONS IN MULTI RESISTANT TUBERCULOSIS

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The summary: Surgery is considered a complement to drug treatment in patients with TB-MDR/RR.

It can only be performed by trained thoracic surgeons in specialized surgical units with excellent postoperative care.

Surgery can be performed early when the disease is still localized (e.g., to a lobe). Partial lung resection (lobectomy or wedge resection) can be effective and safe if performed under appropriate conditions.

At the start of treatment, there is a 'window' during which the bacillary load temporarily decreases under the pressure of antituberculosis drugs (decrease in mycobacteria in smears and/or culture). This window is the best time to intervene. Prognosis is better when resection is performed after culture conversion .

Treatment may need to be continued or modified based on the results.