

**BENIGN TRACHEAL STENOSIS GRANULATION TISSUE FIBROBLASTS
CULTURED IN VITRO**Top Author: **Ying Zhi Wang***the first affiliated hospital of guangzhou medical university
China***Area and Category(at submission):**[WCBE: 4. Trachea] 8. Stenosis / 4. Basis science**Presentation Preference:** Poster**Case Report:** NO

objective:Using people benign tracheal stenosis granulation tissue small specimens which obtained by transbronchial biopsy cultured primary fibroblasts with tissue culture method. Method: By transbronchial biopsies we obtained some intratracheal hyperplastic granulation tissue of 6 patients with benign tracheal stenosis, pretreated with different method, cultured with tissue culture method in different conditions. Results: We received a total of 7 specimens of 6 patients which were cultured with tissue culture method, 3 of them could be successfully cultured fibroblasts, 4 could not be cultured fibroblast cells. Conclusion: With the high concentration of antibiotics or alcohol rinse pretreated, small specimens which obtained by transbronchial biopsy cultured with tissue culture method to obtain primary fibroblasts is feasible.

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