



RLC-S

Recognition and Localization of a Crackle Sound

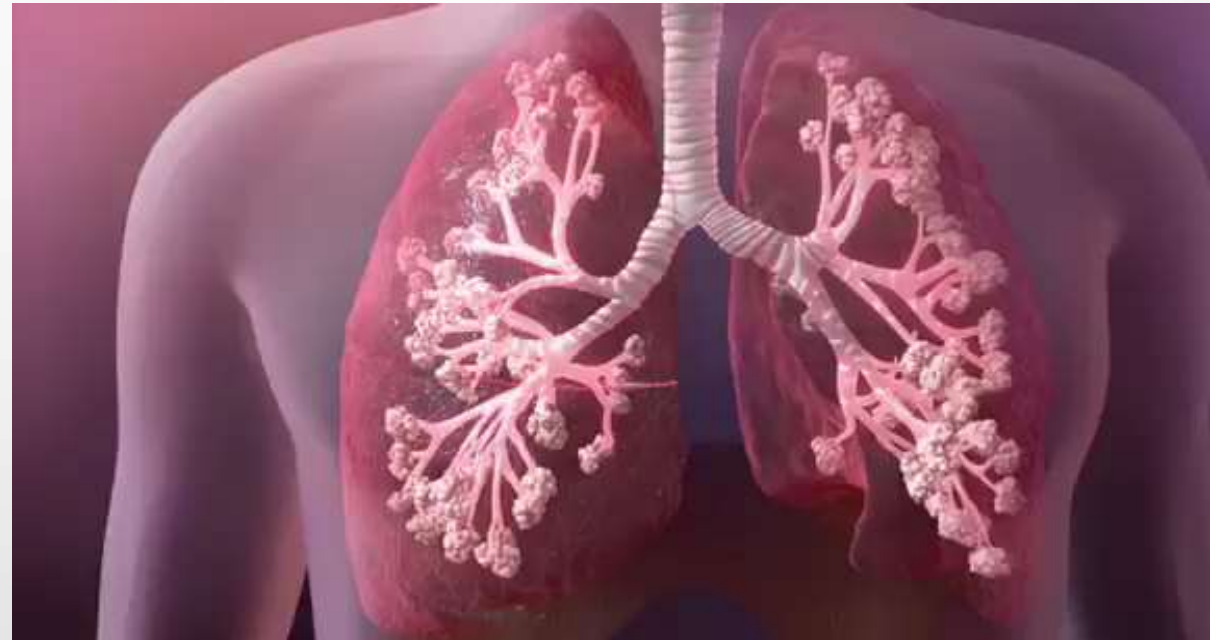
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Has anyone heard about cystic fibrosis?

Cystic fibrosis or CF is a progressive, genetic disease that affects multiple organs basically the lungs.



An abstract graphic on the left side of the slide. It features a dark blue background with a lighter blue grid pattern. A bright, white, glowing light source is positioned in the center-left, creating a strong lens flare effect that radiates outwards. The light is partially obscured by a dark, angular shape that resembles a corner or a piece of a frame.

Airways Blockages caused by this disease
can be treated by draining the secretions by
respiratory physiotherapy.

Respiratory Physiotherapy is an airway clearance technique to drain the lungs.

Pre-procedure
Assessment and
Monitoring





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For automizing the pre-localization process, we are devising a clinical tool to help the physiotherapist locate the accurate location of the crackle.