

Mucociliary clearance in pulmonary vascular disease

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The mucociliary clearance function was studied by radioaerosol inhalation lung cine-scintigraphy and its quantification in 8 patients with pulmonary vascular diseases; pulmonary embolism, 5 cases, and right pulmonary artery hypoplasia, pulmonary arteriovenous fistulas, aortitis syndrome, 1 case each. The mucociliary clearance function was found to be well maintained in pulmonary vascular diseases unless ventilation was disturbed. There was no difference in the mucociliary clearance function between pulmonary embolism and other pulmonary vascular diseases.

Key words: Radioaerosol inhalation lung cine-scintigraphy, Mucociliary clearance function, Pulmonary vascular diseases, Pulmonary embolism, Aortitis syndrome