

Postradiation lung fibrosis

Pulmonary fibrosis represents the final stage of postradiation lung changes.

- After irradiation of lung tissue with ionizing radiation at doses > 8 Gy in 30 weeks.
- Necrotic changes caused by ionizing radiation healed by a fibrotic scar.
- *Clinical manifestations:* dry cough, worsening dyspnea (restriction disorder with ↓ diffusion)
- *Diff. dg:* radiation pneumonitis (exudative alveolitis from pneumocyte + endothelial damage)
- *Therapy:* in small infiltrates, no treatment is necessary, in symptomatic individuals corticoids
- Risk factors: professional injury (radiologist, miner), poorly targeted radiotherapy^[1]

References

Related articles

- Interstitial lung processes
- Drug-induced pulmonary fibrosis

Citations

1. CHILD, P., et al. *Internal Medicine*. 2nd edition. Prague: Galén, 2007. ISBN 978-80-7262-496-6 .