primary studies - published, non RCT

High resolution computed tomography in cystic fibrosis: correlation with pulmonary function and assessment of prognostic value.

Code: PM8867494 **Year:** 1996 **Date:** 1996 **Author:** Logan PM

Participants

30 CF patients with an average age of 17 years

Interventions

HRCT

Outcome measures

Clinical examination, chest radiographs and HRCT scans were scored using established scoring systems. The results were correlated with FEV1 and FVC both at time of CT scanning and after 30 months. Results were also correlated with the clinical progress of the patients over the follow-up period.

Main results

HRCT, chest radiograph and clinical examination demonstrated similar correlation (p

Authors' conclusions

HRCT in CF patients correlates well with pulmonary function at time of scanning and at follow-up, and with clinical progress. There may be a role for CT in the identification of adolescent/adult patients who can be expected to need aggressive therapy in the future.

http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/732/CN-00202732/frame.html

See also

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Keywords

Adolescent; Adult; Bronchiectasis; Respiratory Tract Diseases; emphysema; computed tomography; diagnostic procedures; non pharmacological intervention - diagn;