

# Lung function trajectories in patients with idiopathic pulmonary fibrosis

## Background

IPF is a progressive fibrosing interstitial lung disease characterised by decline in lung function

## Aim

To evaluate trajectories of FVC and DLco in patients with IPF

## Methods



Patients with IPF that was diagnosed or confirmed at the enrolling centre in the last 6 months were enrolled in the IPF-PRO Registry



Mean trajectories of FVC and DLco % predicted, in all patients and in subgroups by characteristics at enrolment, were estimated using a joint model that accounted for factors such as disease severity and visit patterns

## Key results

941 patients with FVC and/or DLco data



Median follow-up:



35.1 months

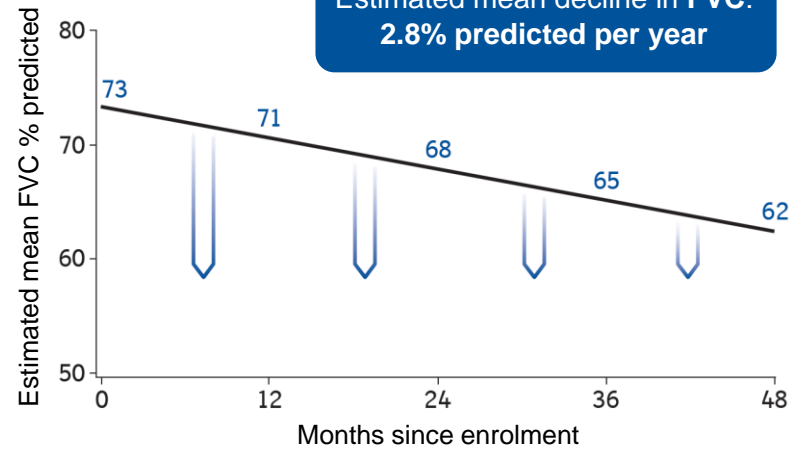
Median time from enrolment to last measurement:



FVC: 21.6 months  
DLco: 20.7 months



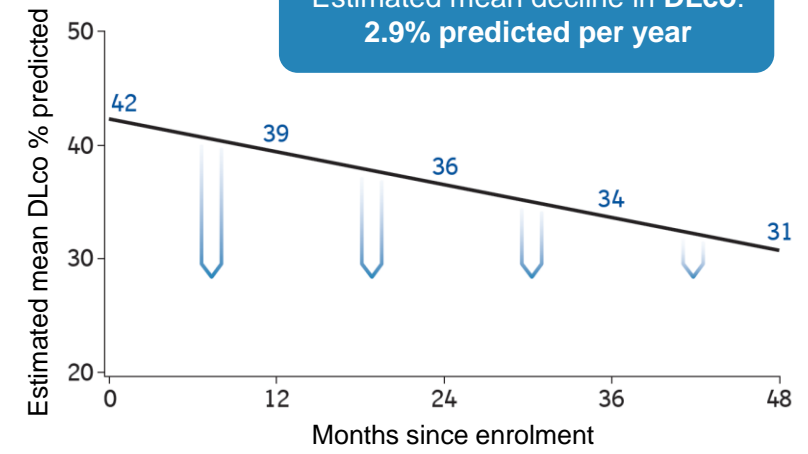
FVC



Patients with greater rates of decline:



DLco



Patients with greater rates of decline:



## Conclusions

Data from the IPF-PRO Registry suggest a constant rate of decline in lung function over a prolonged period. These findings illustrate the inexorably progressive nature of IPF.