

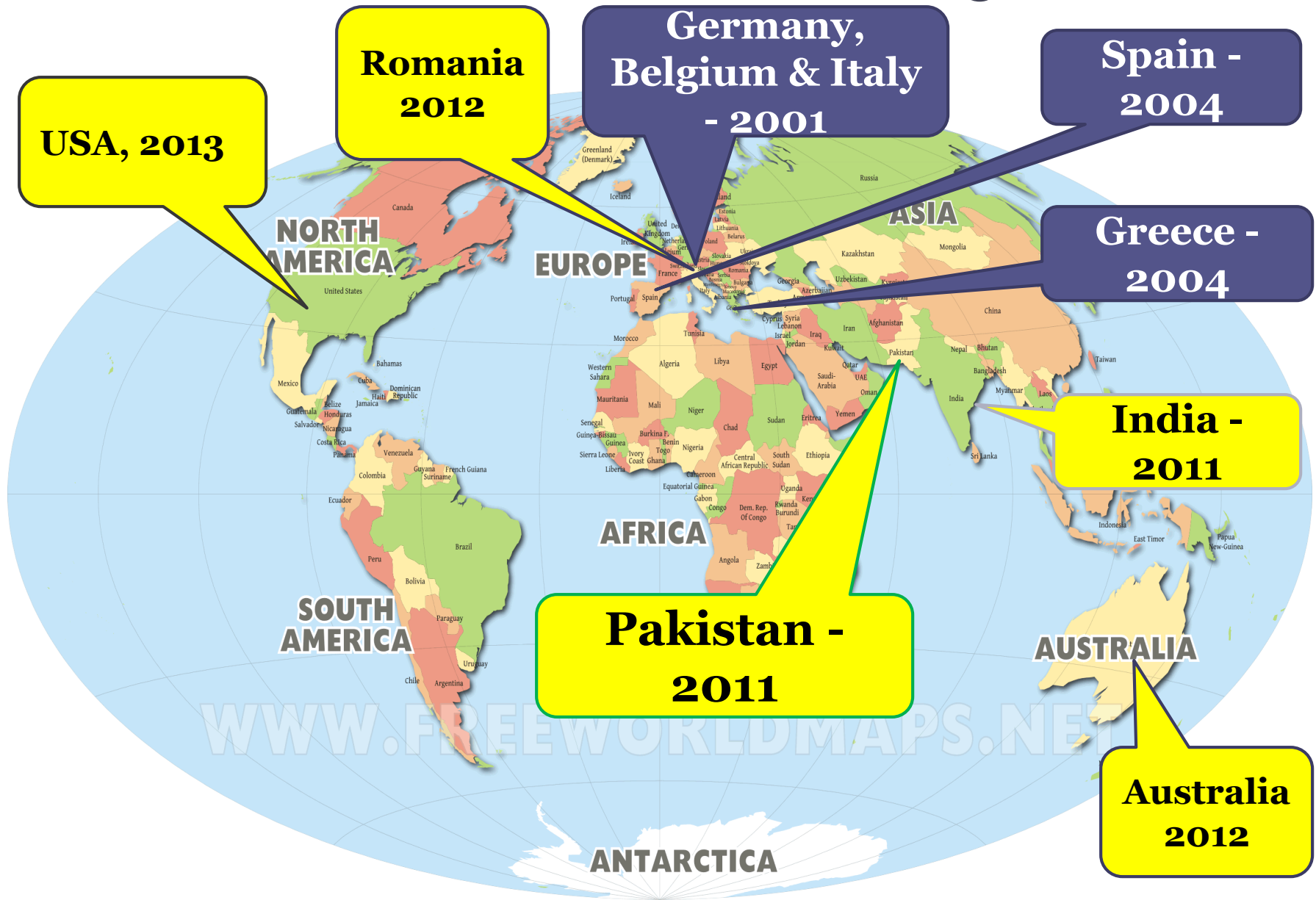
A GUIDELINE APPROACH to ILD- Introducing the National Guidelines

Dr. Mosavir Ansarie

Historical Landmarks in ILD

- 1st report: AIP-Hamman Reich----- 1944
- Classification of IIPs
 - Leibow & Carrington----- 1969
 - Katzenstein -----1997
 - Muller & Colby -----1997
- Olsen revisits Hamman Reich syndrome-----1994
- International Consensus Statement -----2000
- Evidence based Guidelines for Diagnosis & Management of IPF- 2011 followed by an update 2015
- **Scarce epidemiology until the formulation of guidelines followed by surge of data after 2011**

Global Distribution of ILD Registries



Interstitial Lung Diseases - Local Challenges Discussed in ChestCon 2014

- ***Burden of disease ?***
- Local guidelines

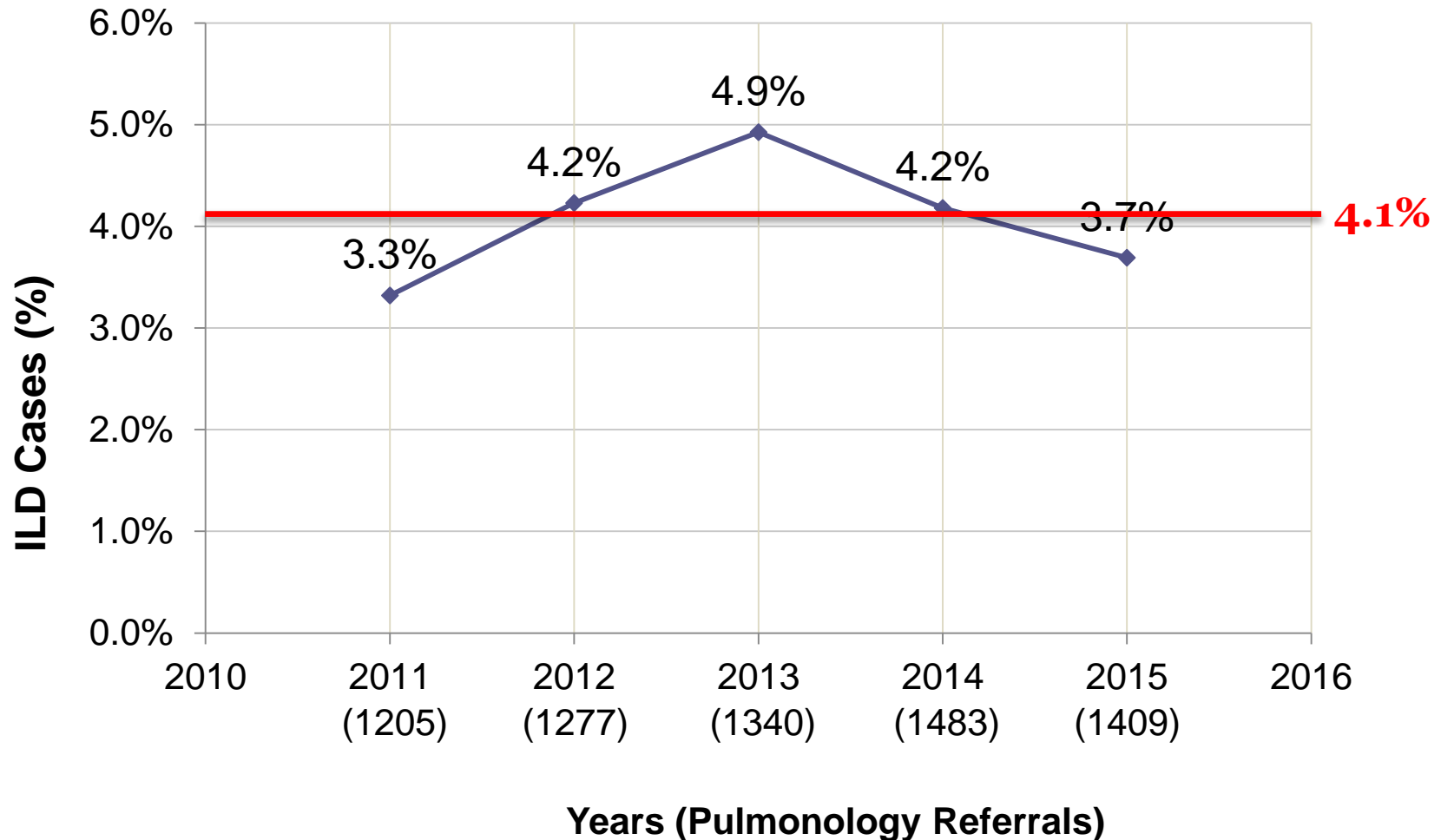
Methodology

- Recordings in the form of a *registry*
- Based upon an extensive *questionnaire*
- And multi-disciplinary approach to evaluate patients
- Starting with the city of *Karachi*, most populous city in Pakistan
- Retrospective and prospective recording of data began in *January 2011*. Prospective recording continues *till date*

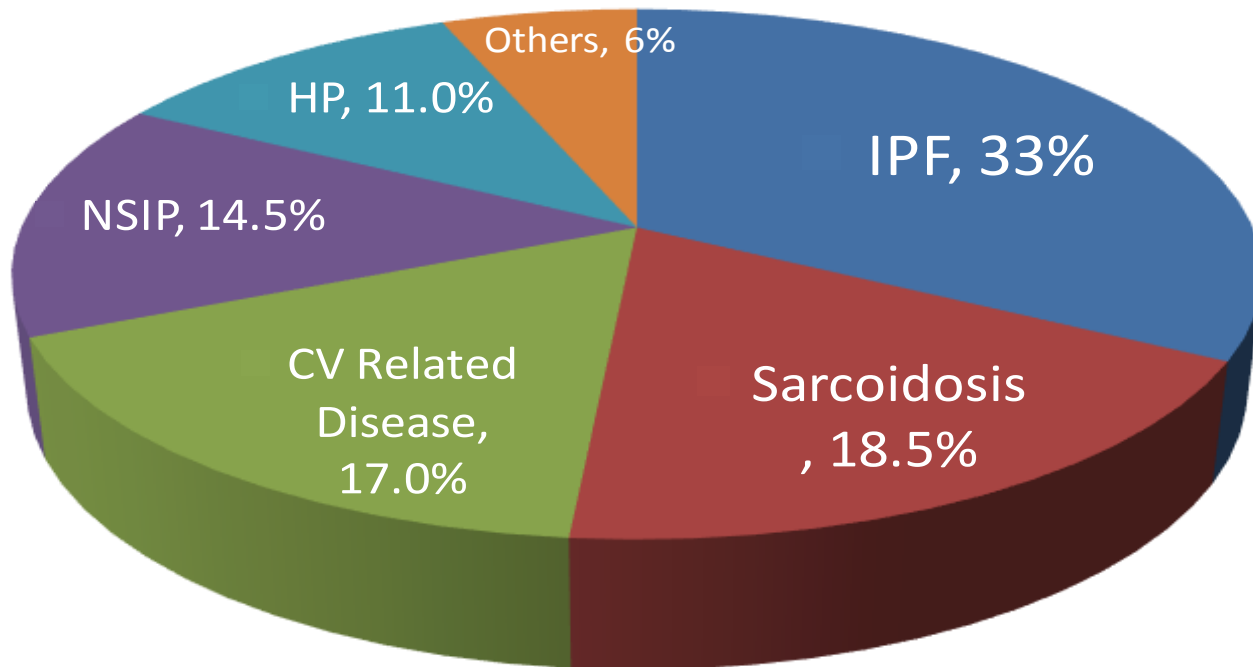
Presentations at International Forums

- Retrospectively recorded Data from *Jan 2008-December 2011* was presented at **ERS Annual Congress 2012**, Vienna-Austria
- Prospectively recorded Data from *Jan 2012-August 2013* was presented at **ACCP Chest World Congress 2014**, Madrid- Spain
- Registry based data on avian exposed segment of population to be presented at **ACCP/ CTS April 2016**, Shanghai-China.

Diagnosed ILD Cases amongst Pulmonology Referrals from 2011 to 2015



Relative Frequency of ILDs (n=325)



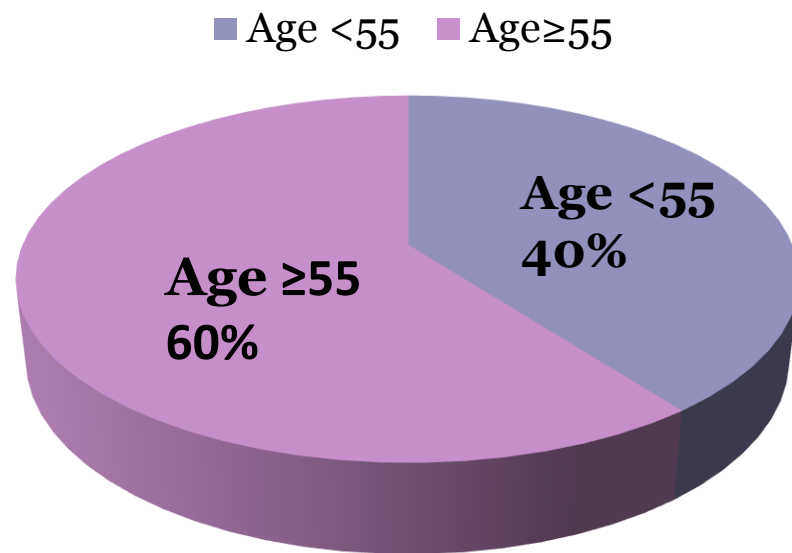
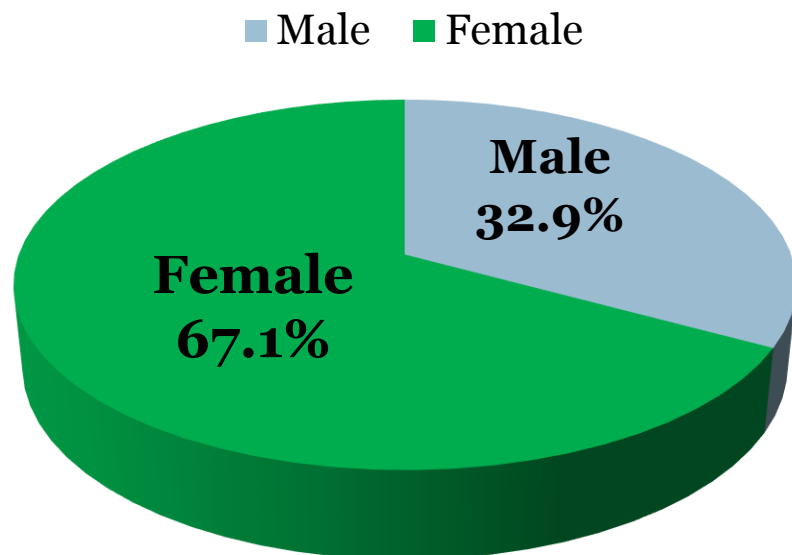
IPF= idiopathic pulmonary fibrosis

HP= hypersensitivity pneumonitis

NSIP= Non-specific interstitial pneumonia

CV= Collagen Vascular Disease

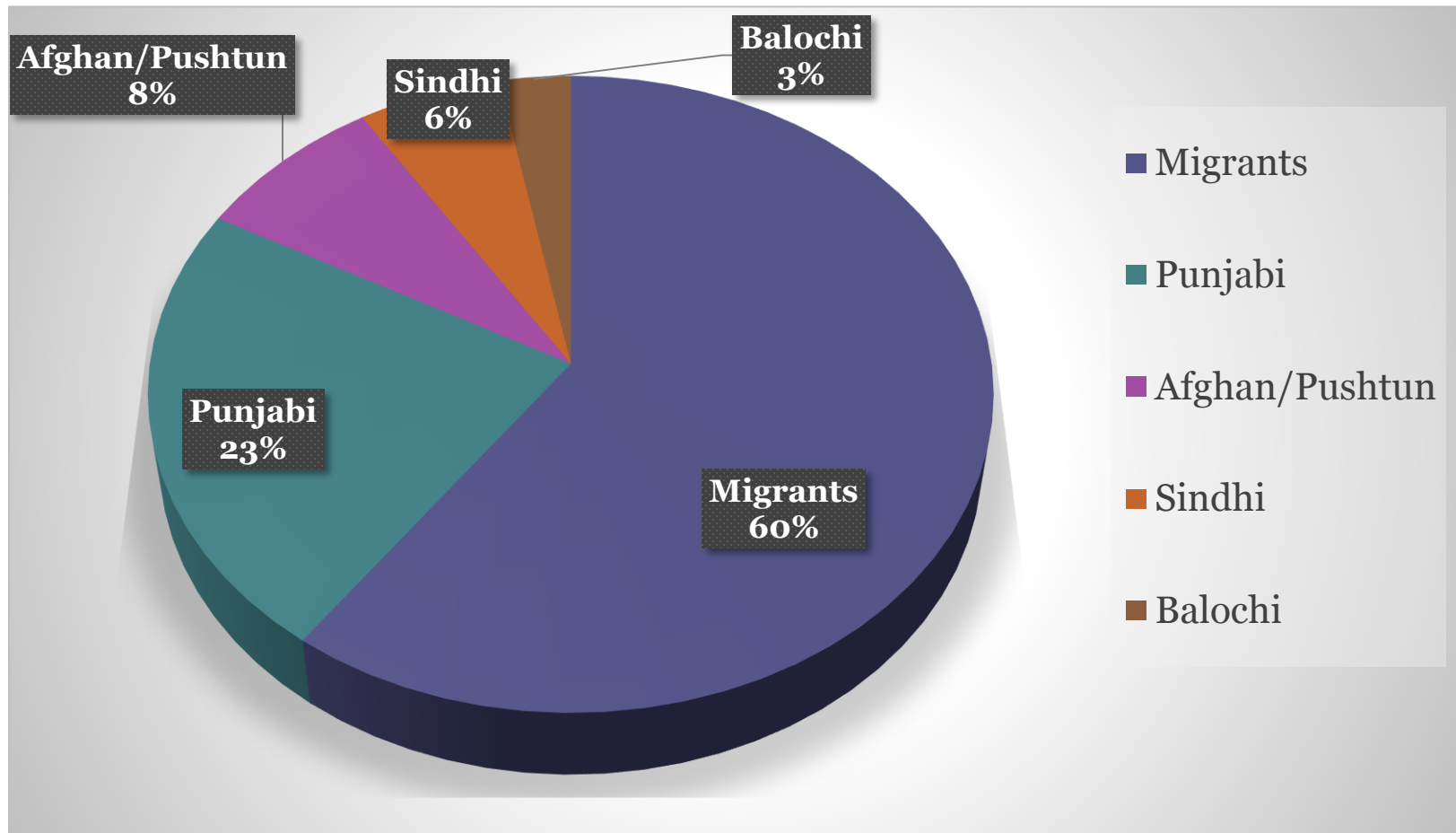
Age & Gender Distribution (n=325)



Interstitial Lung Diseases - Local Challenges Discussed in ChestCon 2014

- ***Guidelines for ILD management ?***
 - Guideline formation demands **indigenous data** to identify incidence, relative frequencies and patterns of interstitial lung disease in Pakistan

Ethnic Distribution in ILD Registry (n=325)



- Despite Karachi being a highly populated multi-ethnic city, it cannot represent epidemiological situations in other provinces.
- Hence the web based registry has input access from centers throughout Pakistan.
 - KPK (2) LRH, Khyber
 - Punjab (2) KE, Sheikh Zayed
 - South Punjab (1) Nishtar
 - Balochistan (1) Bolan

PCS ILD Guidelines 2016

- Incorporation of local data with international guidelines? *Too early to use currently available data*
- ILD Advisory Board & Guideline Committee comprising a panel of experts – conducted a combined study and review of international consensus and guideline documents

ILD Advisory Board and Guideline Committee



PAKISTAN CHEST SOCIETY

Interstitial Lung Diseases

Guideline Document on Diagnosis and Management of ILDs in Pakistan

ILD Advisory Board and Guideline Committee
4/7/2023

The guideline broadly contains:

For all physicians –

- Definitions,
- Pathophysiology,
- Clinical presentation of ILDs
- Essentials of Diagnosis
- Epidemiology

The guideline broadly contains:

- *For fellows & pulmonologists* –
 - Learning skills and interpretation of HRCT scans as an independent section
 - IPF as an entire subject including its acute exacerbations
 - Anti-Fibrotic drugs

Looking ahead...

- The next publication in this series would be related to the **non-IPF** interstitial lung diseases
- Multi-city data entry into national ILD registry to:
 - develop a better understanding of the disease process and its epidemiology
 - develop future guidelines based on indigenous data

In'sha'Allah

спасибо 谢谢
GRACIAS
THANK YOU

ありがとうございました MERCI

DANKE धन्यवाद

شُكراً OBRIGADO

JazaakAllah