Connective tissue disease screen (ENA etc.) / Rheumatoid factor /anti-CCP / Anti U1 RNP /

latrogenic /

Miscellaneous

ILD(www.pneumoto

Drug induced

x.com)



Investigation checklist continued

Lung imaging:

• CXR, High resolution CT Thorax

PFTs

- Spirometry & DLCO ٠
- Total lung capacity / Lung volumes
- Sniff testing - if indicated (myositis ILD)

Bronchoalveolar lavage •

Differential WCC (useful for HP / eosinophilic lung disease

Lung biopsy

Environmental /

Inherited

acute / chronic

pneumonitis

hypersensitivity

•

- VATS lung biopsy (gold standard indicated) •
- Cryoprobe assisted transbronchial lung biopsy (no recommendation for/against)
- Transbronchial lung biopsy (useful in stage 2 sarcoidosis / Chronic hypersensitivity pneumonitis)
- BNP / ECG / Echocardiogram - to assess for PH
- Right heart catherisation - for confirmation of PH

pneumonia RB-ILD Acute interstitial pneumonia Lymphocytic interstitial pneumonia Cryptogenic organising pneumon Rare Unclassifiable IIP Idiopathic pleuroparenchym fibroelastosis	spondylitis • Vasculitis (i.e. Goodpastures	 LAM / BHD Eosinophilic lung 	 Radiation pneumonitis / fibrosis Interstitial pneumonia with autoimmune features Acute fibrinous and organizing pneumonia 		 Inorganic dust/fibre-fume related (pneumoconiosi s, asbestosis, silicosis Familial interstitial pneumonia Hermansky- 	•	Other imaging Whole body MRI – in selected cases (? Myositis) Occupational / environmental exposure checklist Management of ILD		
			pricument		 Pudlak syndrome Metabolic storage disease 	Ρ	harmacological	 Pirfenidone or Nintedanib for IPF Immunosuppressive agents for CTD- ILD (initedanib in Scleroderma ILD) Emerging evidence of Pirfenidone and Nintenanib for progressive fibrotic ILD 	
Radiology pathology in ILD Usual interstitial	Distribution on CT Peripheral / subpleural . Basiliar /	asiliar / Reticular markings / traction bronchiectasis / honeycombing asiliar / GGO / reticular markings / NSIP line / Minimal or no honeycombing		Typical pathologic feature Fibrosis with honeycombing		Pı	ulmonary rehab	Any ILD	
pneumonia	bilateral			Subpl Heteroger	problastic foci eural distribution lous lung involvement res of suggesting alternative diagnosis		Oxygen	Long term and ambulatory therapy as indicated	
NSIP	Peripheral / subpleural / basiliar / bilateral			Homogenous interstitial fibrosis and/or inflammation Rare honeycombing Plugs of connective tissue in small airways Patchy distribution Little of no fibrosis Preservation of lung architecture		t	Lung transplantation	Single / Double lung transplantation as indicated	
ОР	Diffuse / often peripheral and patchy						Palliative Care	For management of refractory dyspnoea / progressive ILD despite treatment / those unsuitable for lung transplantation	
DAD	Diffuse	GGO / Airspace consolidat	lidation Hyaline n		oranes / oedema / diffuse				

ITS HERMES FLASHCARD SERIES 2021

https://irishthoracicsociety.com/

Common signs and symptoms:

Idiopathic Interstitial Pneumonia

Desquamative Interstitial

- Cough, exertional dyspnoea (progressive) •
- CTD features .

IPF (UIP)

NSIP

- Digital clubbing /Digital ulcers ٠ • Gottrens papules / Ulcers
- sclerodactyly/calcinosis / evidence of joint inflammation /Mechanics hands ٠
- Heliotrope rash/ shawl rash /
- Esophageal dysmotility / Sicca symptoms / Malar flush

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Rheumatologic

Systemic sclerosis

Rheumatoid

Arthritis

Antibodies for suspected acute/chronic hypersensitivity pneumonitis Genetic screen - familial / rare causes of ILD (in selected cases)

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Classification of Interstitial Lung Disease (ATS guidelines 2013)

Primary disease

related

Langerhans cell

Sarcoidosis

Pulmonary

VEGF-D (in selected cases)

ESR / CRP / CK

Investigation checklist - Bloods

Extended myositis panel / ANCA (MPO and PR3 also if positive)

Specific IgG antibodies in Hypersensitivity pneumonitis (if indicated)

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