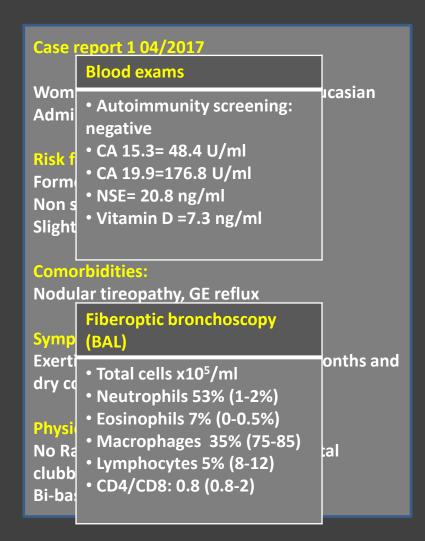
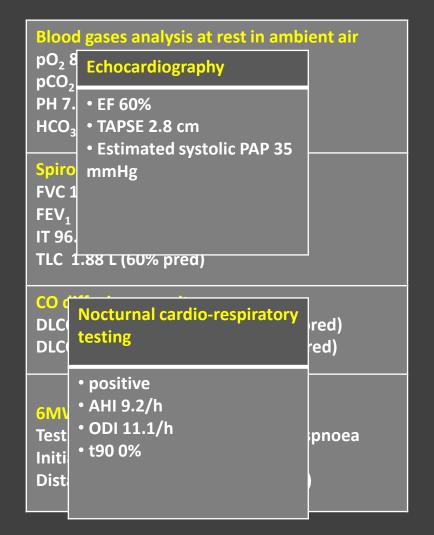
# Pleuroparenchymal fibroelastosis in UIP CT pattern: our experiece

#### Giorgio E. POLISTINA

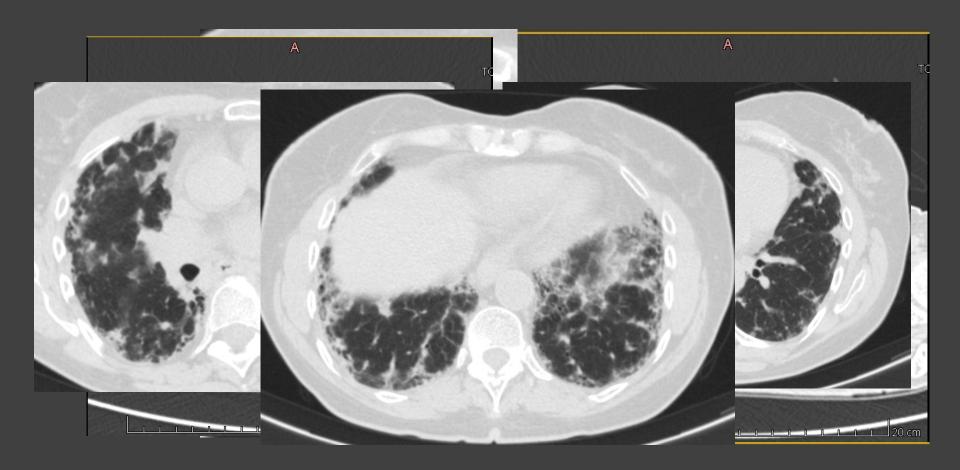
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## E.C.



## Management

Criobiopsy was not indicated as thorax HRCT was diagnostic of UIP definite

Lung transplantation (LT) not indicated due to low bio-umoral conditions + family reasons

MDD: Idiopathic pulmonary fibrosis with associated CT findings highly suggestive of PPFE

Bridge therapy with an anti-fibrotic drug and respiratory rehabilitation on hold better bio-umoral conditions for LT

Infection prevention (vaccination)

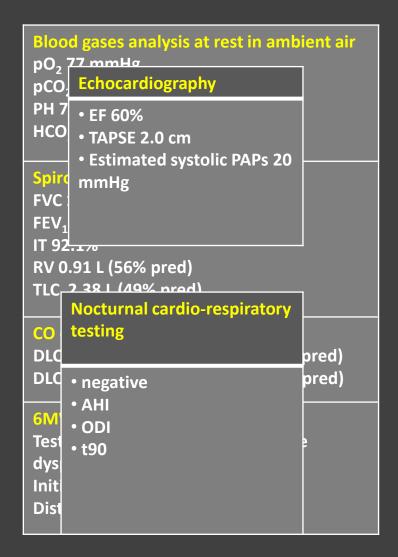
Nutritional status assessment and correction of Vitamin D deficiency

Oxygen supplementation

GE reflux therapy

Clinical and functional monitoring every three months

#### **Blood exams** Wo • Autoimmunity screening: Caucasian Tip negative • Tumoral markers Risl screening: negative No • Vitamin D = 6.1 ng/ml Act Ato **Fiberoptic bronchoscopy** Pre therapy due (BAL) • Total cells 7.7x10<sup>6</sup>/ml Sym Neutrophils 23% (1-2%) Chr • Eosinophils 4% (0-0.5%) • Macrophages 71% (75-85) Phy • Lymphocytes 2% (8-12) No al clubbing • CD4/CD8: 1.2 (0.8-2) Bi-b





## Management

Criobiopsy should be considered with thorax HRCT diagnostic of UIP possible (probable)

Indication of lung transplantation

MDD: Idiopathic pulmonary fibrosis with associated CT findings highly suggestive of PPFE

Weight correction

Pulmonary rehabilitation

#### Bridge therapy with an anti-fibrotic drug

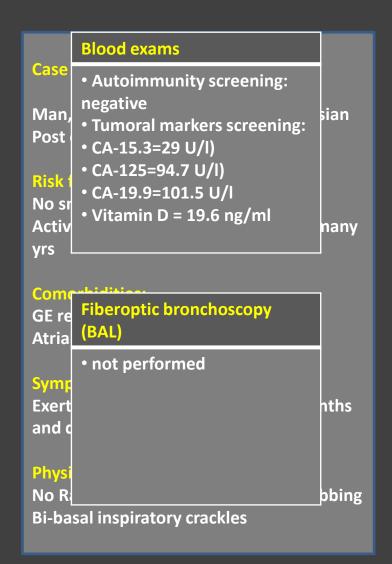
Infection prevention (vaccination)

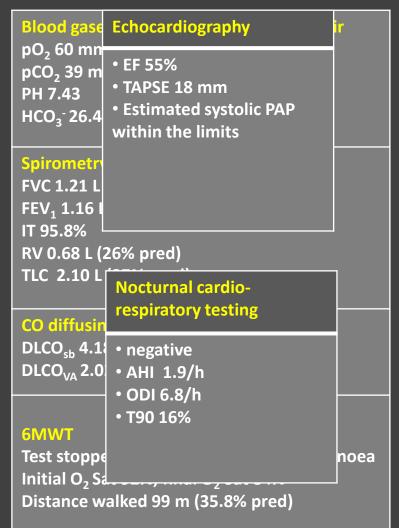
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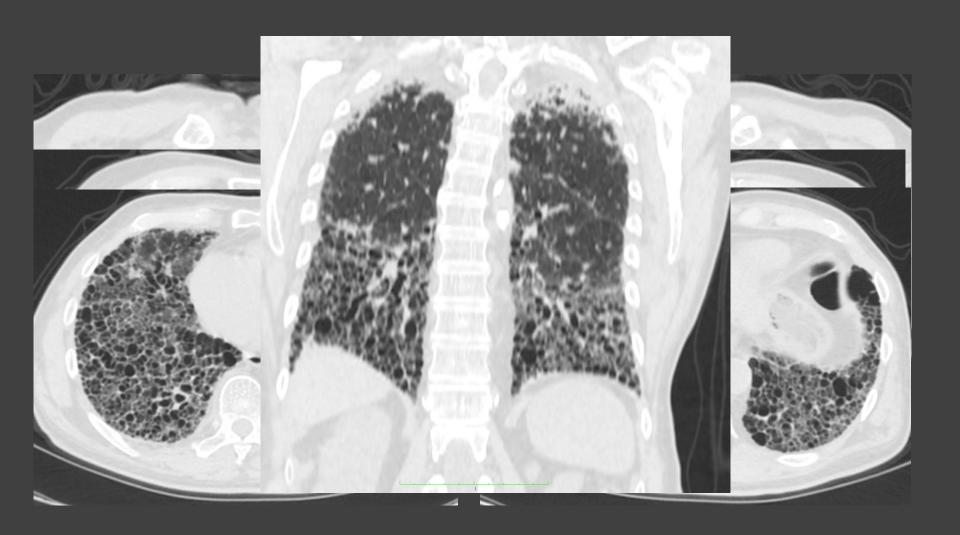
Oxygen supplementation

GE reflux therapy

Clinical and functional monitoring every three months







## Management

Thorax HRCT was diagnostic of UIP definite
Criobiopsy and lung transplantation were not indicated

MDD: Idiopathic pulmonary fibrosis with associated CT findings highly suggestive of PPFE

Pulmonary rehabilitation

Therapy with an anti-fibrotic drug was not indicated

Infection prevention (vaccination)

Correction of Vitamin D deficiency

Oxygen supplementation

GE reflux therapy

Clinical and functional monitoring every three months

# What WAS wrong?

### AMERICAN THORACIC SOCIETY DOCUMENTS

#### Diagnosis of Idiopathic Pulmonary Fibrosis An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline

Ganesh Raghu, Martine Remy-Jardin, Jeffrey L. Myers, Luca Richeldi, Christopher J. Ryerson, David J. Lederer, Juergen Behr, Vincent Cottin, Sonye K. Danoff, Ferran Morell, Kevin R. Flaherty, Athol Wells, Fernando J. Martinez, Arata Azuma, Thomas J. Bice, Demosthenes Bouros, Kevin K. Brown, Harold R. Collard, Abhijit Duggal, Liam Galvin, Yoshikazu Inoue, R. Gisli Jenkins, Takeshi Johkoh, Ella A. Kazerooni, Masanori Kitaichi, Shandra L. Knight, George Mansour, Andrew G. Nicholson, Sudhakar N. J. Pipavath, Ivette Buendía-Roldán, Moisés Selman, William D. Travis, Simon Walsh, and Kevin C. Wilson; on behalf of the American Thoracic Society, European Respiratory Society, Japanese Respiratory Society, and Latin American Thoracic Society

THIS OFFICIAL CLINICAL PRACTICE GUIDELINE OF THE AMERICAN THORACIC SOCIETY (ATS), EUROPEAN RESPIRATORY SOCIETY (ERS), JAPANESE RESPIRATORY SOCIETY (JRS), AND LATIN AMERICAN THORACIC SOCIETY (ALAT) WAS APPROVED BY THE ATS, JRS, AND ALAT MAY 2018, AND THE ERS JUNE 2018

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e44

American Journal of Respiratory and Critical Care Medicine Volume 198 Number 5 | September 1 2018 distinct from IPF/UIP and may well be classified as PPFE.

# Open questions

Is the CT pattern of PPFE/UIP representative of a disease entity distinct from IPF in some cases?

Is such a pattern representative of a distinct phenotype of IPF (more aggressive)?

Should the combination of PPFE/UIP be considered as the pathological background of a combined syndrome?

Are we going to treat with new anti-fibrotic drugs patients with a fibrotic CT pattern until lung transplantation as having IPF?

# Thank you all for your attention