

FOCUS PUGLIA
INTERSTIZIOPATIE POLMONARI

VENERDÌ 28 MAGGIO 2021

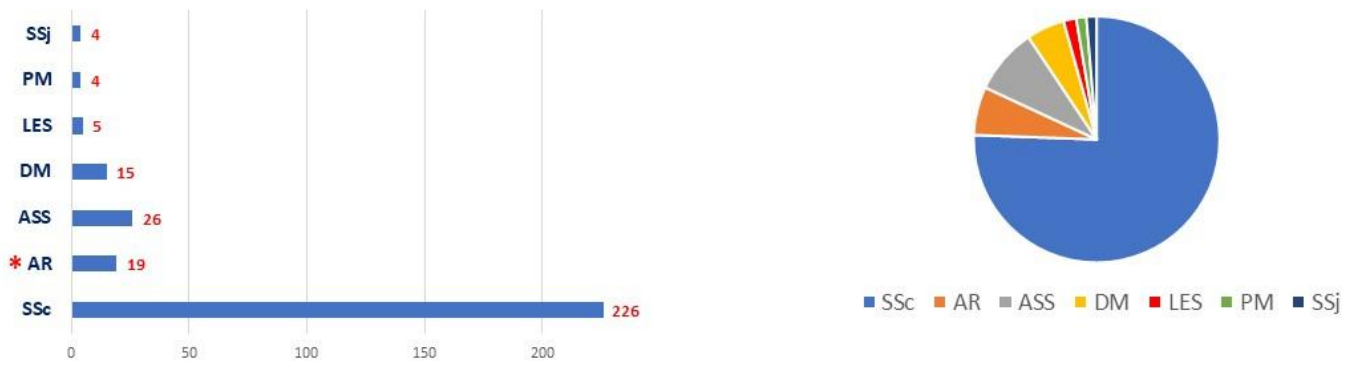


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UOC Reumatologia
Dipartimento d'Emergenza e Trapianti d'Organo
Università degli Studi "Aldo Moro" - Bari

ILD – HR TAC TORACE
No. Pazienti 299



* UIP = 3.8%

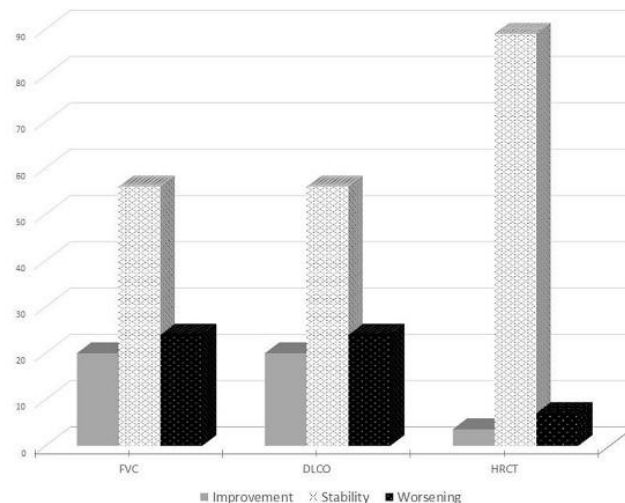


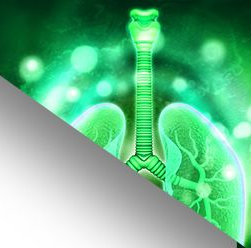
Tocilizumab therapy in rheumatoid arthritis with interstitial lung disease: a multicentre retrospective study.

Manfredi A, Cassone G, Furini F, Gremese E, Venerito V, Atzeni F, Arrigoni E, Della Casa G, Cerri S, Govoni M, Petricca L, Iannone F, Salvarani C, Sebastiani M. Intern Med J. 2020 Sep;50(9):1085-1090. doi: 10.1111/imj.14670.

Twenty-eight RA-ILD patients were identified (females/males 18/10, mean age 61.6 years), with a mean follow up for TCZ therapy of 30 months. At the end of follow up, FVC remained stable in 14 (56%) patients, improved in 5 (20%) and worsened in 6 (24%). DLCO remained stable in 14 (56%) patients, improved in 5 (20%) and worsened in 6 (24%), even though in 3 patients DLCO and FVC showed an opposite trend. HRCT remained stable in the majority (25) of cases, worsened in two patients with a usual interstitial pneumonia pattern and improved in only one case with a non-specific interstitial pneumonia pattern.

Evolution of lung function and radiology





Clin Rheumatol (2016) 35:2363–2367

DOI 10.1007/s10067-016-3258-1

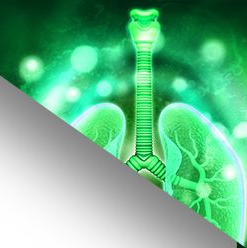


CASE BASED REVIEW

Heterogeneous clinical spectrum of interstitial lung disease in patients with anti-EJ anti-synthetase syndrome: a case series

Margherita Giannini¹ · Antonella Notarnicola² · Maryam Dastmalchi² ·
Ingrid E. Lundberg² · Giuseppe Lopalco¹ · Florenzo Iannone¹

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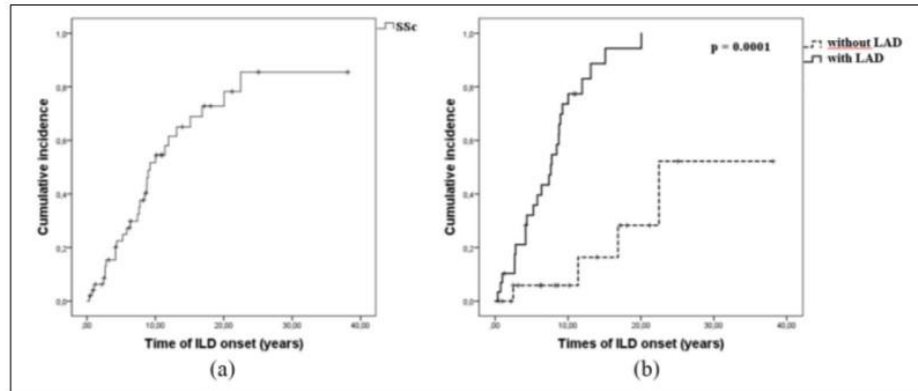
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Thoracic lymphadenopathy as possible predictor of the onset of interstitial lung disease in systemic sclerosis patients without lung involvement at baseline visit: A retrospective analysis

Journal of Scleroderma and Related Disorders
1-9
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SAGE

Cinzia Rotondo^{1,2}, Livio Urso¹, Emanuela Praino¹,
Fabio Cacciapaglia¹, Addolorata Corrado²,
Francesco Paolo Cantatore² and Florenzo Iannone¹





RESEARCH ARTICLE

Open Access



Diagnostic accuracy of a velcro sound detector (VECTOR) for interstitial lung disease in rheumatoid arthritis patients: the InSPIRAtE validation study (INterStitial pneumonia in rheumatoid ArThritis with an electronic device)

A. Manfredi^{1*}, G. Cassone¹, S. Cerrri², V. Venerito³, A. L. Fedele⁴, M. Trevisani⁵, F. Furini⁶, O. Addimanda⁷, F. Pancaldi⁸, G. Della Casa⁹, R. D'Amico¹⁰, R. Vicini¹⁰, G. Sandri¹, P. Torricelli², I. Celentano⁹, A. Bortoluzzi⁶, N. Malavolta⁹, R. Meliconi⁷, F. Iannone³, E. Gremese⁴, F. Luppi², C. Salvarani^{1,11}, M. Sebastiani¹ and on behalf of GISEA (Gruppo Italiano Studio Early Arthritis)

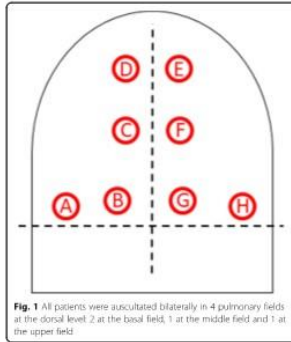
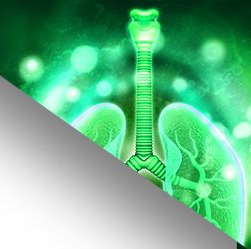


Fig. 1 All patients were auscultated bilaterally in 4 pulmonary fields at the dorsal level: 2 at the basal field, 1 at the middle field and 1 at the upper field.

Methods: To avoid X-ray exposure, we enrolled 137 consecutive RA patients who had recently undergone HRCT. Lung sounds of all patients were recorded in 4 pulmonary fields bilaterally with a commercial electronic stethoscope (ES); subsequently, all HRCT images were blindly evaluated by a radiologist, and audio data were analysed by means of VECTOR.

Results: Fifty-nine of 137 patients showed ILD (43.1%). VECTOR correctly classified 115/137 patients, showing a diagnostic accuracy of 83.9% and a sensitivity and specificity of 93.2% and 76.9%, respectively.

Conclusions: VECTOR may represent the first validated tool for the screening of RA patients who are suspected for ILD and who should be directed to HRCT for the diagnosis.



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