

Letter

The Challenge of Very Early Systemic Sclerosis

To the Editor:

We read with great interest the article by Blaja, *et al*<sup>1</sup> on the challenge of very early systemic sclerosis (SSc). We have been addressing this topic for some years. Actually, VEDOSS (very early diagnosis of systemic sclerosis)<sup>2</sup>, subsequently renamed very early SSc<sup>3</sup>, was proposed before the development of the 2013 American College of Rheumatology/European League Against Rheumatism (ACR/EULAR) classification criteria<sup>4</sup>. The careful analysis of these criteria prompted us to emphasize the need to clearly define the boundaries of the condition<sup>5</sup>. In addition, the subsequent detection of an evolution into SSc satisfying criteria<sup>6,9</sup> in only 50% of strictly defined very early/early SSc led to the proposed term *undifferentiated connective tissue disease at risk for SSc* (UCTD-risk-SSc)<sup>6</sup>.

Defining which of the patients satisfying VEDOSS<sup>2</sup> entry criteria already fulfill SSc classification criteria requires a careful assessment of each patient by history, physical examination, and physiologic and imaging investigations<sup>5,6</sup>.

Predicting the evolution into definite SSc by those strictly labeled UCTD-risk-SSc has long been considered an accomplished task<sup>7</sup>. In that regard, based on the disease course of 102 patients, we have developed a weighted score (Table 1)<sup>8</sup>. By receiver-operation characteristic curve analysis, patients with a score at admission  $\geq 2.75$  evolved into SSc, with a sensitivity of 91.3% and a 73.2% specificity.

The analysis of disease evolution in the VEDOSS cohort patients who at enrollment did not fulfill ACR/EULAR criteria for SSc and did not present any manifestation consistent with SSc sine scleroderma<sup>9</sup> might validate or disprove the use of the criteria.

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Table 1. Variables independently predictive of development of SSc based on multivariate regression. Relative weight in a 10-point score.

Variable	HR	95% CI	p	Weight
Anti-Scl-70	11.57	3.12–42.88	0.0003	3.00
ANA $\geq 1:320$	6.93	1.81–26.51	0.0049	2.75
Avascular areas	5.03	1.36–18.59	0.0158	2.25
ACA	3.92	1.13–13.59	0.0319	2.00

From Riccardi, *et al*.<sup>8</sup> SSc: systemic sclerosis; anti-Scl-70: anti-DNA topoisomerase I; ANA: antinuclear antibody; ACA: anticentromere antibodies.

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