# Continued Treatment with Nintedanib in Patients with Systemic Sclerosis-Associated Interstitial Lung Disease (SSc-ILD): Interim Analysis of SENSCIS®-ON

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#### INTRODUCTION

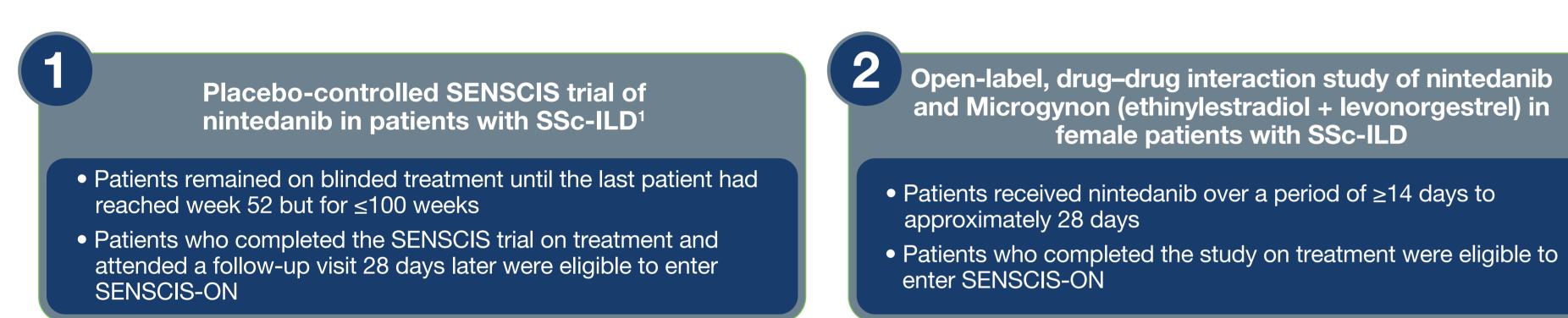
■ In the SENSCIS trial in patients with SSc-ILD, nintedanib reduced the rate of decline in forced vital capacity (FVC) (mL/year) over 52 weeks by 44% compared with placebo, with adverse events that were manageable for most patients.¹

### AIM

 SENSCIS-ON (NCT03313180) is an open-label extension study that is collecting data on FVC decline and adverse events in patients treated with nintedanib over the longer term.

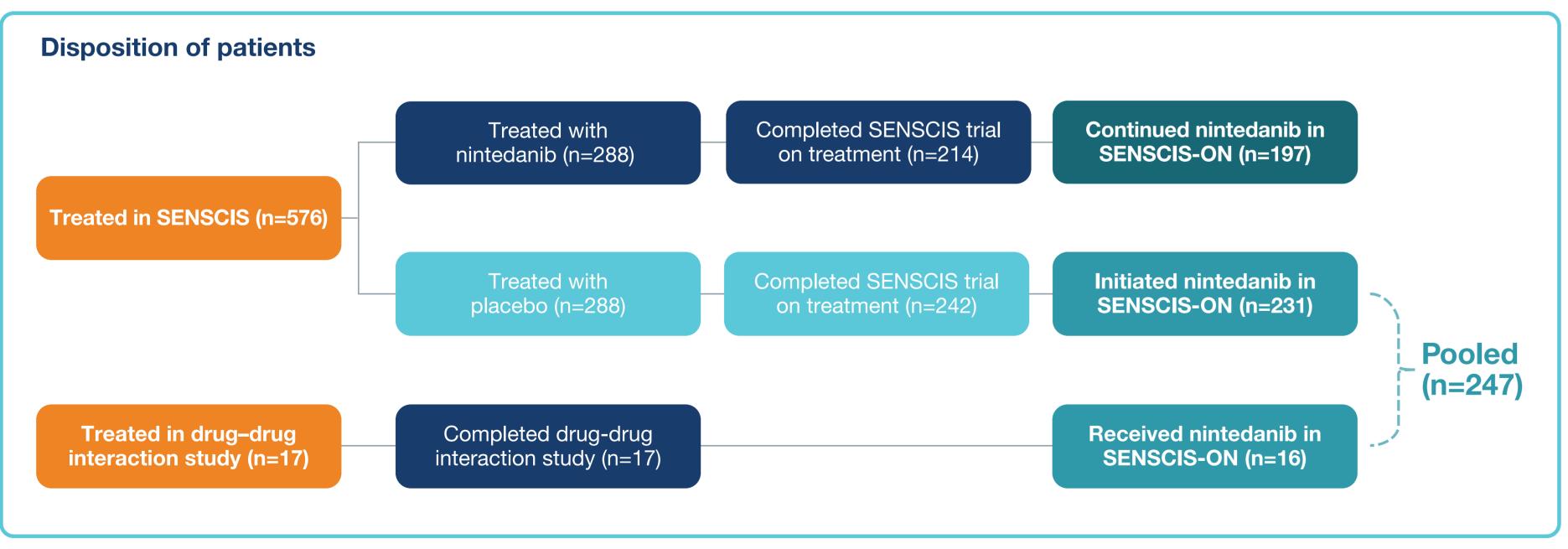
# METHODS

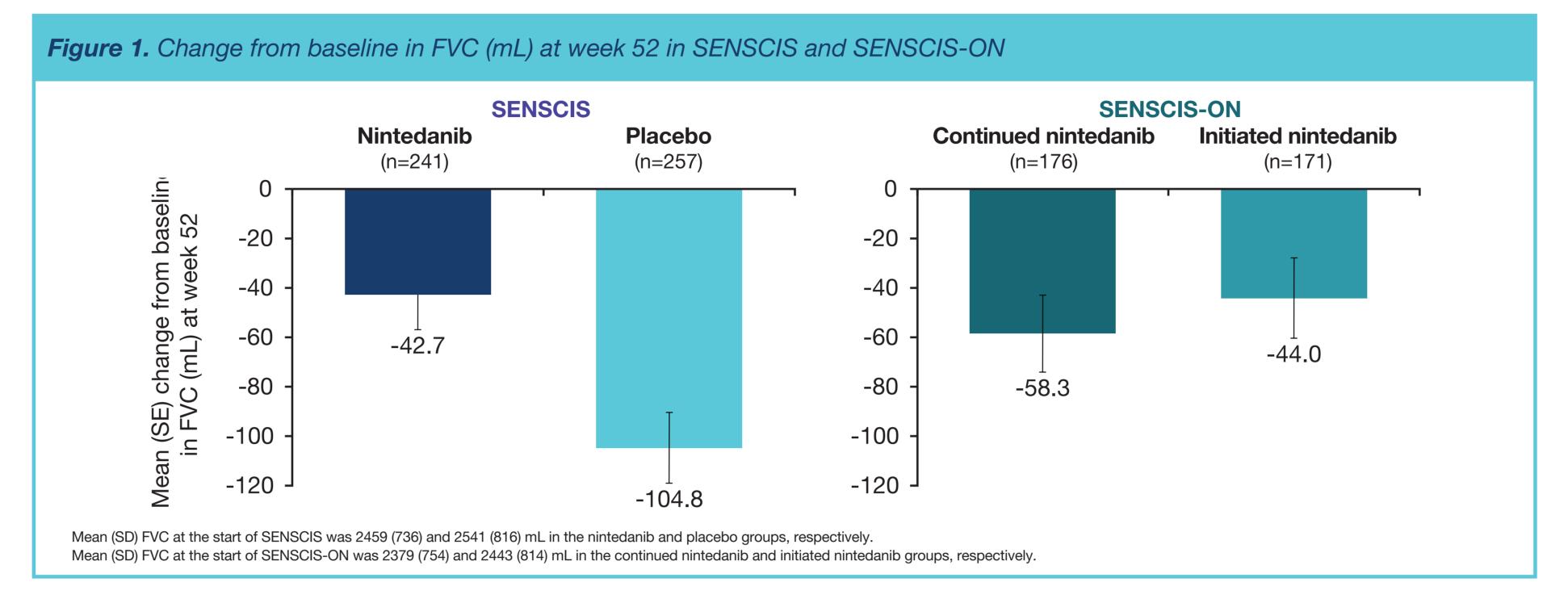
Patients eligible to participate in SENSCIS-ON came from two parent trials:

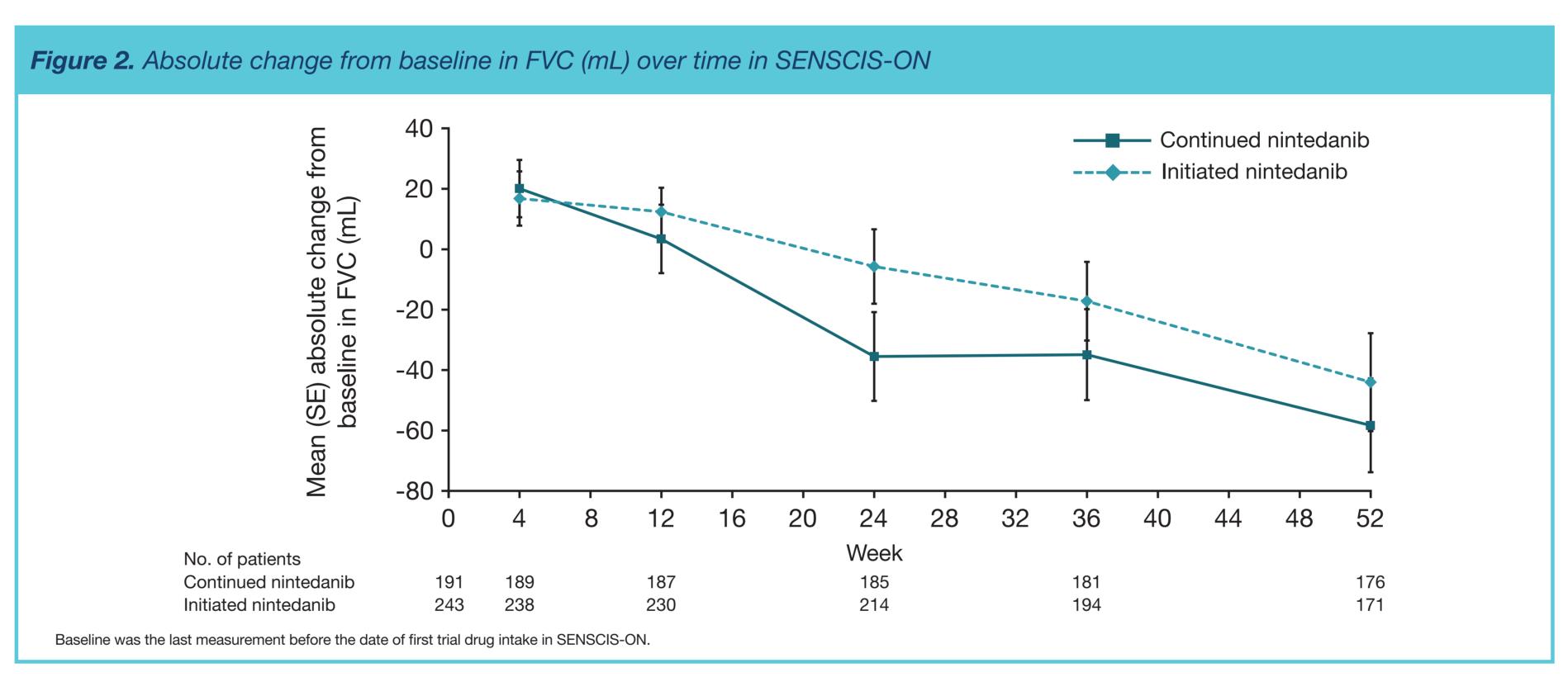


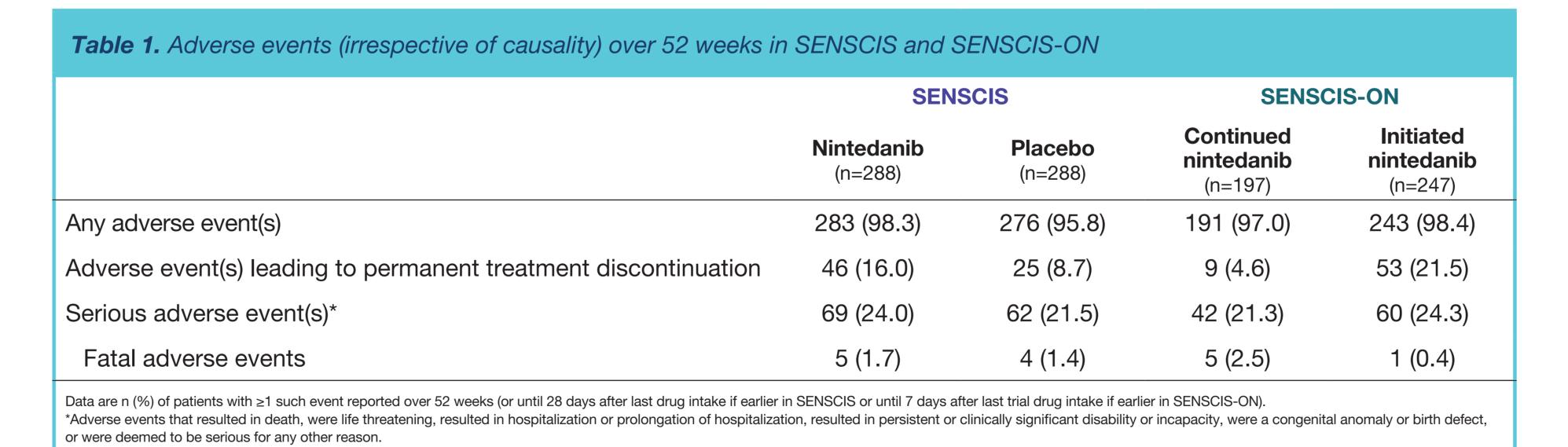
- We analyzed the change from baseline in FVC (mL) and adverse events over 52 weeks in SENSCIS-ON in:
- Patients who had received nintedanib in the SENSCIS trial and continued nintedanib in SENSCIS-ON (known as the "continued nintedanib" group)
- Patients who had received placebo in the SENSCIS trial and initiated nintedanib in SENSCIS-ON, or who had received nintedanib
  for a short period in the drug-drug interaction study (known as the "initiated nintedanib" group).
- Analyses were pre-specified and descriptive.

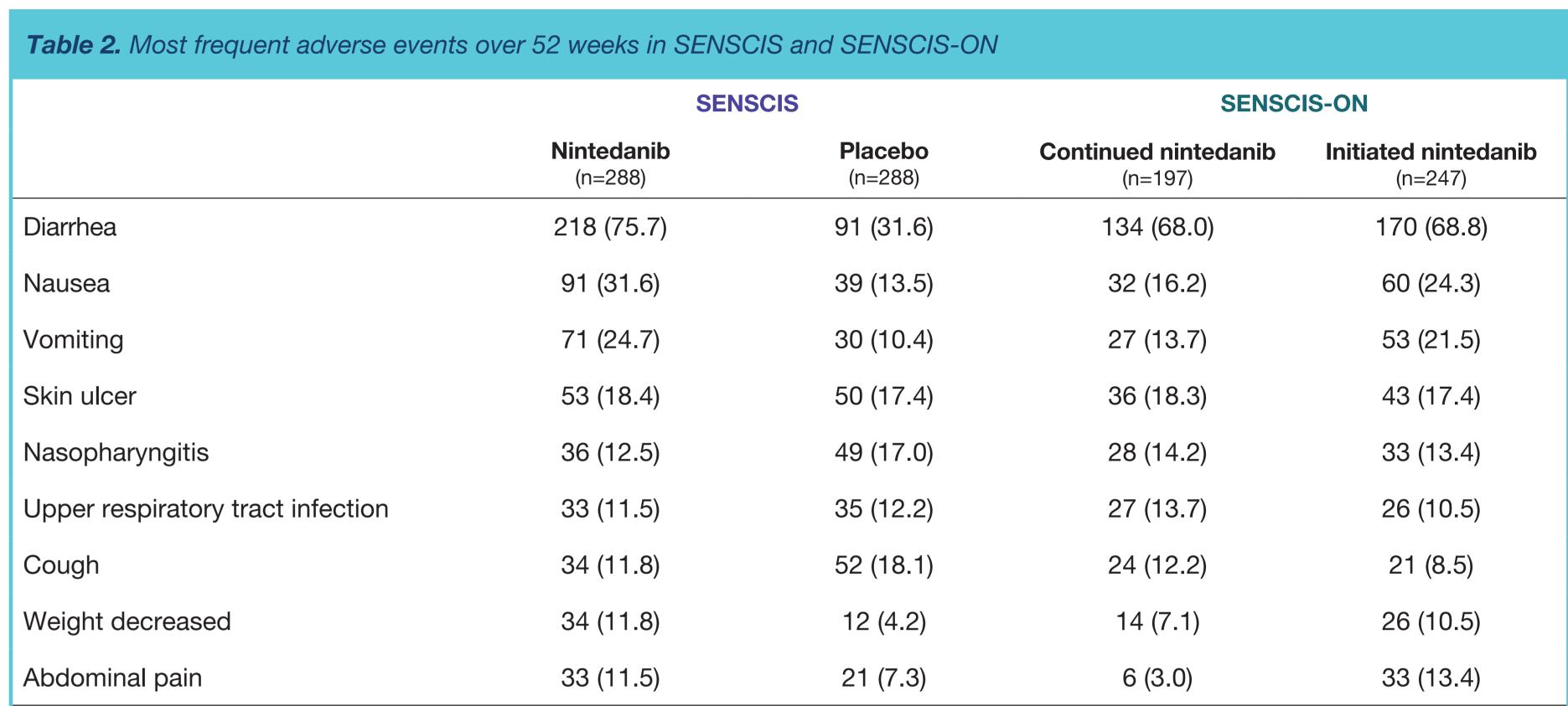
# RESULTS











Adverse events were coded according to preferred terms in the Medical Dictionary for Regulatory Activities (MedDRA). Data are n (%) of patients with ≥1 such event reported over 52 weeks (or until 28 days after last drug intake if ear lier in SENSCIS-ON). Events reported in >10% of patients in either group in SENSCIS-ON are shown.

	SENSCIS		SENSCIS-ON	
	<b>Nintedanib</b> (n=288)	Placebo (n=288)	Continued nintedanib (n=197)	Initiated nintedanik (n=247)
Alanine aminotransferase increased	21 (7.3)	3 (1.0)	9 (4.6)	19 (7.7)
Gamma-glutamyltransferase increased	17 (5.9)	4 (1.4)	8 (4.1)	16 (6.5)
Aspartate aminotransferase increased	15 (5.2)	1 (0.3)	8 (4.1)	17 (6.9)
Hepatic enzyme increased	8 (2.8)	4 (1.4)	2 (1.0)	11 (4.5)
Blood alkaline phosphatase increased	5 (1.7)	1 (0.3)	1 (0.5)	4 (1.6)
Transaminases increased	3 (1.0)	1 (0.3)	4 (2.0)	2 (0.8)
Hepatic function abnormal	1 (0.3)	0 (0.0)	3 (1.5)	7 (2.8)

Adverse events were coded according to preferred terms in the Medical Dictionary for Regulatory Activities (MedDRA). Data are n (%) of patients with ≥1 such event reported over 52 weeks (or until 28 days after last drug intake if earlier in SENSCIS or until 7 days after last trial drug intake if earlier in SENSCIS-ON).

# CONCLUSIONS

- The change in FVC in patients who received nintedanib over 52 weeks of SENSCIS-ON was similar to the change in FVC in patients who received nintedanib over 52 weeks of the SENSCIS trial.
- The adverse event profile of nintedanib over longer-term use was consistent with that reported over 52 weeks in the SENSCIS trial.
- These findings support a clinically meaningful benefit of nintedanib in slowing the progression of SSc-ILD.

## Reference

1. Distler O et al. N Engl J Med 2019;380:2518–2528.

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