

Supplementary Table 2. Characteristics of the studies used for diagnosing advanced fibrosis cut-offs

Author	Year	Region	Cut-off for advanced fibrosis, kPa	Study design	Patients, n	Age, years	Male, %	BMI, kg/m ²	Diabetes mellitus, %
VCTE									
Argalia et al. ⁴⁴	2022	Italy	8.8	CS, SS	50	52.2	64	29.4	NR
Barsamian et al. ⁴⁵	2020	France	8.7	CS, SS	108	41	21	43	24
Chan et al. ¹⁵	2015	Malaysia	8.0	CS, SS	101	50.5	54.4	29.3	52.4
Chan et al. ⁴⁶	2017	Malaysia, Hongkong	11.5	CS, SS	57	50.1	49	39.2	NR
Gaia et al. ¹⁷	2011	Italy	8.0	CS, SS	72	48	72.2	27.5	NR
Imajo et al. ⁴⁸	2022	Japan	9.7	CS, SS	231	61	52.7	27.1	61.7
Kim et al. ⁴⁹	2022	Korea	11.9	CS, SS	60	50.9	45.9	29.9	61.7
Kumar et al. ¹⁹	2013	India	9.0	CS, SS	120	39.1	75	26.1	16.6
Lee et al. ⁵⁰	2016	Korea	9.0	CS, SS	183	40.6	60.7	27.9	14.2
Leong et al. ⁵¹	2020	Malaysia	9.0	CS, SS	100	57.1	46	30.8	NR
Lup or et al. ²¹	2010	Netherlands	9.28	CS, SS	72	42	70.8	28.7	NR
Okajima et al. ⁵²	2017	Japan	10.0	CS, SS	163	55.8	48.5	27.2	NR
Park et al. ²⁶	2017	US	7.3	CS, SS	104	50.8	43.3	30.4	27.9
Sharpton et al. ⁵³	2021	US	8.7	CS, SS	114	55	45.6	31.2	NR
Shi et al. ⁵⁴	2020	China	10.8	CS, SS	158	48.9	30.4	25.9	26.6
Shima et al. ⁵⁵	2020	Japan	9.9	CS, SS	278	57.8	48.2	27.5	58.6
Siddiqui et al. ⁵⁶	2019	US	8.6	CS, SS	393	51	32	34.4	44
Yang et al. ⁵⁷	2021	China	8.3	CS, SS	91	40	50.5	29.1	71.4
Yoneda et al. ⁵⁸	2008	Japan	9.8	CS, SS	97	51.8	41.2	26.6	NR
Cassinotto et al. ⁶¹	2016	France	8.2	CS, MS	291	56.7	59.1	32.1	52.6
Cassinotto et al. ⁶¹	2016	France	12.5	CS, MS	291	56.7	59.1	32.1	52.6
Chang et al. ⁶²	2023	US	9.7	CS, MS	1,370	56.6	44.5	34.2	38.0
Eddowes et al. ⁶⁴	2019	UK	14.1	CS, MS	373	54	55	33.8	50
Eddowes et al. ⁶⁴	2019	UK	7.1	CS, MS	373	54	55	33.8	50
Eddowes et al. ⁶⁴	2019	UK	9.7	CS, MS	373	54	55	33.8	50
Eilenberg et al. ⁶⁵	2021	Austria	12.6	CS, SS	170	42	35.4	44.4	28.2
Ergelen et al. ⁶⁶	2015	Turkey	9.9	CS, SS	87	45.8	49.4	30.6	NR
Garg et al. ¹⁸	2018	India	12.45	CS, SS	76	39.3	23.3	46.2	NR
Inadomi et al. ⁶⁷	2020	Japan	11.45	CS, SS	200	59.5	48	28.1	50.3
Jafarov et al. ⁶⁸	2020	Turkey	11.0	CS, SS	139	49	59	32.9	64
Lee et al. ²³	2022	Korea	8.3	CS, SS	539	56	47.5	26.9	36.2
Lee et al. ⁷⁰	2022	Korea	9.8	CS, SS	251	44	52.6	28.6	46.6
Lee et al. ²⁰	2017	Korea	8.0	CS, SS	94	55.5	43.6	27.1	39.4
Mendoza et al. ⁷¹	2022	Switzerland	9.7	CS, SS	104	53.4	58.7	30.9	47.1
Myers et al. ⁷²	2010	Canada	10.3	CS, MS	20	NR	NR	NR	NR
Naveau et al. ²⁴	2014	France	7.6	CS, SS	100	42.5	19	41.3	15
Nogami et al. ⁷⁴	2022	Japan	10.0	CS, SS	163	59.7	52.8	28.5	61.3
Oeda et al. ²⁵	2020	Japan	10.8	CS, MS	137	NR	NR	NR	NR
Petta et al. ²⁷	2011	Italy	8.75	CS, SS	146	44.1	71	29.1	14

Supplementary Table 2. Continued

Author	Year	Region	Cut-off for advanced fibrosis, kPa	Study design	Patients, n	Age, years	Male, %	BMI, kg/m ²	Diabetes mellitus, %
Taibbi et al. ⁷⁶	2021	Italy	8.5	CS, SS	56	54.7	58.7	29.4	39.1
Wong et al. ⁷⁸	2019	France, Hongkong	10.0	CS, MS	496	54	42.7	30.4	60.5
Wong et al. ⁷⁸	2019	France, Hongkong	10.0	CS, MS	496	54	42.7	30.4	60.5
Wong et al. ³⁰	2010	France, Hongkong	7.9	CS, MS	246	51	54.9	28	36.2
Yu et al. ⁷⁹	2021	China	13.8	CS, SS	85	58	40	29.7	100
Petta et al. ²⁸	2019	Global	7.9	CS, MS	968	50.1	62.9	29.3	37
Petta et al. ²⁸	2019	Global	9.6	CS, MS	968	50.1	62.9	29.3	37
Tovo et al. ⁸⁰	2019	Brazil	7.9	CS, MS	104	55.3	26	33	64.4
Kosick et al. ⁸¹	2021	Canada	8.4	CS, MS	407	48.5	54	32.3	30
Boursier et al. ¹⁴	2016	France	8.7	CS, MS	452	55.9	60	31.1	46.7
Sanyal et al. ⁸²	2023	Global	9.2	CS, MS	1434	55	50.8	31.7	50.4
Armandi et al. ⁸³	2023	Turkey	9.4	LS, SS	96	49.5	62.2	28.4	30.6
Noureddin et al. ⁸⁴	2023	US	9.6	CS, MS	548	58	35	33.3	53
Petta et al. ⁸⁵	2017	Global	9.6	CS, MS	761	50.9	60.2	29.6	54.7
Petta et al. ⁸⁶	2015	Italy	9.6	CS, MS	321	44.7	69.5	28.5	17.8
Anstee et al. ¹³	2019	US	9.9	CS, MS	3,202	58	38	NR	60
Troelstra et al. ⁸⁷	2021	Netherlands	9.9	CS, SS	37	49	62	33.2	43
Seki et al. ⁸⁸	2017	Japan	10.0	CS, SS	171	57.1	50.3	27.7	NR
Labenz et al. ⁸⁹	2018	Germany	12.0	CS, MS	261	51	52.5	30.9	29.9
MRE									
Costa-Silva et al. ⁹¹	2018	Brazil	4.39	CS, SS	49	53.8	14.3	32.2	NR
Cui et al. ⁹²	2016	US	3.62	CS, SS	125	48.9	45.6	31.8	26
Imajo et al. ⁹³	2016	Japan	4.8	CS, SS	142	57.5	57	28.1	71
Imajo et al. ⁴⁸	2022	Japan	3.9	CS, SS	231	61	52.7	27.1	61.7
Kim et al. ⁹⁴	2020	Korea	4.34	CS, SS	47	51	34	28.3	NR
Loomba et al. ⁹⁵	2014	US	3.64	CS, SS	117	50.1	43.6	32.4	34.2
Park et al. ²⁶	2017	US	2.99	CS, SS	104	50.8	43.3	30.4	27.9
Zhang et al. ⁹⁶	2022	US	2.77	CS, SS	100	51.8	46	31.6	NR
Nogami et al. ⁷⁴	2022	Japan	3.78	CS, SS	163	55.8	48.5	27.2	NR
Troelstra et al. ⁸⁷	2021	Netherlands	2.3	CS, SS	37	49	62	33.2	43
Cui et al. ⁹⁸	2015	US	3.64	CS, SS	102	51.3	58.8	31.7	25.5
Loomba et al. ⁹⁹	2016	US	3.8	CS, SS	100	50.2	44	32.1	33

VCTE, vibration-controlled transient elastography; MRE, magnetic resonance elastography; CS, cross-sectional study; LS, longitudinal study; SS, single center study; MS, multicenter study; BMI, body mass index; NR, not recorded.