

Tildrakizumab Improves Disease Severity and Patient-Reported Outcomes in Moderate-to-Severe Chronic Plaque Psoriasis: A Prospective Real-World Study.

Paola Facheris^{1*}, Francesco Piscazzi^{1,2}, Giovanni Fiorillo^{1,2}, Mario Valenti^{1,2}, Antonio Costanzo^{1,2}, Riccardo G. Borroni^{1,2}

¹ Dermatology Unit, Humanitas Research Hospital-IRCCS, Rozzano, Italy

² Department of Biomedical Sciences, Humanitas University, Pieve Emanuele, Italy

*Corresponding Author:

Paola Facheris, MD

Humanitas Research Hospital-IRCCS

Via Manzoni 56, Rozzano (MI) 20089, Italy

Tel. 0282243136

Paola.facheris@humanitas.it

ORCID ID:

https://orcid.org/0000-0002-5171-9854	Paola Facheris
https://orcid.org/0000-0001-9495-6350	Francesco Piscazzi
https://orcid.org/0000-0002-3089-4362	Giovanni Fiorillo
https://orcid.org/0000-0001-9140-9263	Mario Valenti
https://orcid.org/0000-0001-9697-2557	Antonio Costanzo
https://orcid.org/0000-0002-5704-1220	Riccardo G. Borroni

Prior presentation: Data from this study were partially presented as a poster (abstract N°: 4835) at the 2024 EADV Congress in Amsterdam (September 25th-28th, 2024).

ID	DOB	PSO_ONSET	PSO_DURATION	AGE	GENDER	FX_PSORIASIS	ARTHRITIS	HTN	DYSLIPIDEMIA	DIABETES	PREVIOUS_CV_EVENTS
1	3/23/86	2013	9	35	M	1	0	0	0	0	0
2	6/4/57	1980	42	64	M	0	0	1	0	1	0
3	2/2/88	1998	24	34	M	0	0	0	0	0	0
4	1/17/72	2008	14	50	M	0	0	0	0	0	0
5	8/30/73	1996	26	48	M	0	0	0	0	0	0
6	10/25/65	1987	35	56	M	1	0	1	0	0	1
7	10/20/69	2009	13	52	F	0	0	0	0	0	0
8	1/22/64	1980	42	58	F	0	0	0	1	0	0
9	2/12/82	1993	29	40	F	0	0	1	0	0	0
10	7/16/74	2009	13	48	M	0	0	0	0	0	0
11	6/15/57	2016	7	65	M	0	0	1	1	0	1
12	6/18/75	2000	23	47	M	0	0	0	0	0	0
13	1/11/56	1986	37	67	M	1	0	1	1	1	0
14	1/25/97	2010	13	26	M	1	0	0	0	0	0
15	11/27/61	2019	4	61	F	1	0	0	1	0	0
16	11/15/60	2016	7	62	M	0	0	1	0	0	0
17	3/8/55	2018	5	68	F	0	0	0	0	0	0
18	1/25/67	1992	31	56	F	1	0	0	0	0	0
19	7/11/68	2003	20	54	M	0	0	1	0	0	0
20	11/16/87	2022	1	35	M	0	0	0	0	0	0
21	1/14/97	2011	12	26	M	1	0	0	0	0	0
22	11/15/58	2019	4	64	F	1	0	0	0	0	0
23	10/31/72	1979	44	50	F	0	0	0	0	0	0
24	6/1/78	1988	35	45	M	1	0	0	0	0	0
25	8/30/78	1993	30	45	M	0	0	0	0	0	0
26	2/15/37	1958	65	86	M	0	0	1	1	0	0

27	4/4/98	2012	11	25	M	1	0	0	0	0	0
28	10/15/66	1984	39	56	M	0	0	0	0	0	0
29	11/2/70	1985	38	52	F	1	0	1	0	0	0
30	5/30/79	2020	3	44	M	1	0	0	0	1	0
31	6/17/68	2012	11	55	M	0	0	1	0	0	0
32	9/30/66	1982	41	57	M	0	0	1	1	0	1
33	6/8/05	2022	1	18	F	1	0	0	0	0	0

ID	D_WO	PASI_0	PASI_1 6	PASI_5 2	DLQI_0	DLQI_1 6	DLQI_5 2	Pruritus _0	Pruritus _16	Pruritus _52	Desqua mation _0	Desqua mation _16	Desqua mation _52
1	1/13/2 2	26.00	0.50	1.00	14.00	0.00	0.00	9.00	0.00	1.00	7.00	0.00	0.00
2	2/8/22 2/11/2 2	10.00	3.90	1.50	9.00	10.00	0.00	2.00	2.00	0.00	7.00	7.00	2.00
3	2/15/2 2	11.00	1.00	0.00	6.00		2.00	7.00		3.00	8.00		6.00
4	2/23/2 2	11.00	3.40	1.00	10.00			8.00	2.00		8.00	1.00	
5	2/25/2 2	10.00	3.00	2.00	15.00	6.00	1.00	8.00	5.00	5.00	10.00	5.00	5.00
6	5/17/2 2	10.00	1.00	0.00	5.00		0.00	0.00		0.00	1.00		2.00
7	6/17/2 2	12.00	0.00	0.00	15.00	0.00	0.00	9.00	0.00	0.00	5.00	0.00	0.00
8	6/21/2 2	11.50	4.00	0.00	14.00		0.00	9.00	5.00		8.00	5.00	0.00
9	10/3/2 2	5.00	1.00	2.30	24.00	11.00	12.00	10.00	6.00	3.00		5.00	5.00
10	1/16/2 2	11.00	0.00	0.00	5.00	0.00	0.00	1.00	0.00	0.00	7.00	0.00	0.00
11	2/10/2 3	17.00	1.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
12	2/24/2 3	10.00	2.00	0.00	2.00	2.00		7.00	2.00		6.00	2.00	
13	2/24/2 3	12.00	1.80	1.00	2.00	0.00		4.00	3.00		0.00	5.00	
14	3	12.00	3.50	0.50	3.00	0.00	0.00	3.00	1.00	0.00	6.00	2.00	0.00
15	3/7/23 3/17/2	5.50	0.00	0.50		0.00	4.00		0.00	8.00		0.00	
16	3	11.00	1.00	1.00	4.00	2.00		6.00	1.00		3.00	3.00	

	4/21/2												
17	3	12.20	0.50	1.00	1.00		2.00	1.00		6.00	3.00		7.00
18	5/9/23	11.00	0.00	0.50	5.00	0.00	0.00	9.00	1.00	0.00	5.00	1.00	1.00
	5/18/2												
19	3	14.00	6.80		5.00	1.00		8.00	3.00		8.00	3.00	
	5/19/2												
20	3	14.00		0.50	13.00		11.00	7.00		6.00	9.00		3.00
21	6/6/23	10.00	0.00	0.00		0.00		4.00	0.00		4.00	0.00	
22	6/9/23	12.50	0.00	0.00	8.00	0.00	0.00	10.00	0.00	0.00	8.00	0.00	0.00
	6/30/2												
23	3	12.00	0.00	0.00	8.00	0.00	0.00	6.00	0.00	0.00	6.00	0.00	0.00
	7/12/2												
24	3	10.00	2.00		1.00	6.00		2.00	2.00		8.00	6.00	
	9/14/2												
25	3	12.40	4.00		11.00	8.00		6.00			8.00		
	9/22/2												
26	3	13.10	0.00	0.00	0.00	0.00		0.00	0.00		0.00		
	10/10/												
27	23	14.20	0.00	0.00	15.00	0.00		3.00	0.00		5.00	1.00	
	10/10/												
28	23	11.20	0.50	0.00	13.00	1.00		8.00	4.00		8.00	3.00	
	10/11/												
29	23	8.00	1.00	0.50	21.00	8.00		9.00	6.00		9.00	5.00	
	10/16/												
30	23	8.00	0.00	0.00	2.00	0.00		8.00	1.00		8.00	2.00	
	10/17/												
31	23	11.80	2.30	0.00	16.00	11.00		3.00	3.00		8.00	7.00	
	12/18/												
32	23	14.80			10.00	5.00		5.00	2.00		6.00	8.00	
	12/21/												
33	23	12.40	0.00	0.00	7.00		2.00	8.00		0.00	7.00		0.00

ID	Pain_0	Pain_16	Pain_52	Skindex 16_0	Skindex 16_16	Skindex 16_52	MOS- SLEEP_0	MOS- SLEEP_1 6	MOS- SLEEP_5 2	WPAI_0	WPAI_1 6	WPAI_5 2
1	8.00	0.00	0.00	88.54	11.46	3.13	45.83	10.00	20.83	0.00	0.00	0.00
2	1.00	1.00	0.00	76.04	79.17	26.04	33.33	25.00	29.17	0.00	0.00	0.00
3	0.00		0.00	31.25		4.17	16.67		37.50	0.27		0.00
4	5.00	1.00		87.50	14.58		45.83			0.00		0.00
5	0.00	0.00	0.00	75.00	44.79	56.25	8.33	8.33	16.67	0.00	0.31	0.00
6	0.00		0.00	67.71			25.00		12.50	0.00		0.00
7	4.00	0.00	0.00	82.25	0.00	0.00	20.83	33.33	25.00	0.10	0.00	0.00
8		3.00	0.00	88.54	53.13	3.13	41.67	25.00	20.83	0.80	0.18	0.00
9	9.00	7.00	1.00	100.00	50.00	72.92	58.33	41.67	33.33		0.30	0.00
10	0.00	0.00		53.13	0.00	0.00	20.83	8.33	25.00	0.00	0.00	0.00
11		0.00	0.00		0.00	0.00		20.83	0.00			0.00
12	0.00	0.00		48.96	25.00		66.67	45.83		0.00	0.00	
13	0.00	0.00		38.54	11.46		37.50	25.00		0.00	0.00	
14	2.00	0.00	0.00	42.71	11.46	2.08	33.33	25.00	4.17	0.00	0.00	0.00
15		0.00	2.00		2.08	22.92		41.67	41.67		0.00	0.10
16	0.00	0.00		42.71	20.83		45.83	45.83		0.00	0.00	
17	0.00		0.00	19.79	70.83	33.34	25.00	37.50	20.83			
18	0.00	0.00	0.00	65.63	2.08	0.00	41.67	45.83	37.50	0.00	0.00	0.00
19	5.00	0.00		37.50	10.42		30.55			0.00	0.00	
20	1.00		4.00	83.33		65.63	66.67			0.30		
21	0.00			54.17	1.04		37.50	33.33		0.00	0.00	
22	0.00	0.00	0.00	78.13	14.58	1.04	54.17	29.17	4.17	0.00	0.00	0.00
23	3.00	0.00	0.00	46.88	0.00	0.00	29.17	25.00	20.83	0.00	0.00	0.00
24	2.00	2.00		10.42			20.83	41.67		0.00		
25	4.00			59.38	45.83		37.50	33.33		0.30	0.20	
26	0.00	0.00		0.00			0.00	33.33		0.00	0.00	
27	2.00	0.00		58.33	58.33		45.83	33.33			0.00	

28	5.00	1.00		75.00	0.00	33.33	4.17		0.00
29	5.00	7.00		97.92	42.71	66.67			0.00
30	0.00	0.00		51.04	7.29	29.17	20.83	0.00	0.00
31	2.00	5.00		93.75	33.33	37.50	54.17		0.00
32	0.00	0.00		70.83	65.54		37.50		
33	3.00		0.00	66.67		37.50	54.17	37.50	