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**Table S1. [Search strategy]**

1.MEDLINE

Search number	Query	Results
19	#1 OR #18	27
18	#8 OR #16 OR #17	725832
17	"Suicide"[Mesh]	72,864
16	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	308883
15	Anxiousness	303825
14	Nervousness	304873
13	Hypervigilance	304265
12	Social Anxieties	304209
11	Anxieties	305431
10	Social Anxiety	303650
9	Angst	305101
8	"Anxiety"[Mesh]	107,382
8	#2 OR #3 OR #4 OR #5 OR #6 OR #7	499403
7	Depression, Emotional	478776
6	Emotional Depression	478776
5	Symptom, Depressive	482056
4	Depressive Symptom	482056
3	Depressive Symptoms	498317
2	"Depression"[Mesh]	145977
1	"Prurigo"[Mesh]	1429

2.EMBASE

Search number	Query	Results
6	#1 and #5	150
5	#2 OR #3 OR #4	830884
4	'suicide'/exp	67485
3	'anxiety'/exp	277762
2	'depression'/exp	610680
1	'prurigo'/exp OR prurigo	4618

3. PsychINFO

0

4. Science Direct

prurigo AND "depression OR anxiety OR suicide" 1

5.Web of Science

<b>Search number</b>	<b>Query</b>	<b>Results</b>
6	#1 and #5	36
5	#2 OR #3 OR #4	693640
4	ALL=(suicide)	74852
3	ALL=(anxiety)	277508
2	ALL=(depression)	503557
1	ALL=(prurigo)	1627

**Table SII. [Summary of included studies]**

Author	Year	Country	Study design	Setting	Age (mean+SD)/ Median (range)	Total/male/female	Prevalence, % (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)	NOS score
Konda et al.	2015	India	Cross-sectional	Hospital-based	27.87 (8-72)	39/16/23	Depression: 71.8 (56.2-83.5)	195.78 (11.08-3460.30)	NA	7
							Depression: 8.6 (6.9-10.6)	3.21 (2.45-4.22)	2.82 (2.14-3.72)	
Jørgensen et al.	2017	Danmark	Case-control	General population	57.3 (17.5)	877/329/548	Anxiety: 2.2 (1.4-3.4)	2.51 (1.52-4.17)	2.06 (1.23-3.44)	7
							Suicide: 0.34 (0.12-1)	2.73 (0.76-9.82)	2.80 (0.78 - 10.10)	
							Depression: 29.6 (15.9-48.5)	9.44 (3.97-22.47)	NA	
Brenaut et al.	2019	Europe	Cross-sectional	General population	58.6 (15.1)	27/10/17	Anxiety: 37.0 (21.5-55.8)	4.74 (2.13-10.54)	NA	8
							Suicidal ideation: 18.5 (8.2-36.7)	3.28 (1.21-8.88)	NA	
Ständer et al.	2020	Germany	Retrospective	General population	58.23 (17.47)	1720/777/943	Depression: 24.7 (22.7-26.7)	2.11 (1.88-2.36)	NA	8
							Anxiety: 36.4 (35.5-37.4)	2.79 (2.57-3.04)	2.40 (2.19-2.63)	
Singam et al.	2020	American	Retrospective	Hospital-based	59.7 (19.2)	10210/3910/6300	Suicidal ideation: 6.6 (6.1-7.1)	2.34 (1.95-2.81)	2.69 (2.18-3.30)	7
							Depression: 17.3 (10.4-27.4)	3.49 (0.93-13.13)	NA	
Tomasz et al.	2020	Germany	Cross-sectional	Hospital-based	65 (53-72)	75/29/46	Anxiety: 1.20 (0.45-3.20)	1.20 (0.45-3.20)	NA	9

Author	Year	Country	Study Design	Population	Prevalence (%)	Sample Size (n1/n2/n3)	Depression: (Prevalence %)	Anxiety: (Prevalence %)	Self-harm: (Prevalence %)	Suicidal ideation: (Prevalence %)	Reference
Aggarwal et al.	2021	American	Cross-sectional	General population	52.3 (13.2)	171/12/159	16.4 (11.6-22.6)	45.6 (38.3-53.1)	1.75 (0.6-5.0)	10.06 (0.55-185.61)	8
Augustin et al.	2021	Germany	Retrospective	General population	NA	4204/1128/3076	32.4 (31.0-33.8)	50.0 (28.0-72.0)	2.64 (2.47-2.82)	NA	9
Giuseppe et al.	2021	Italy	Retrospective	Hospital-based	70 (59.8-77.3)	16/2/14	50.0 (28.0-72.0)	50.0 (28.0-72.0)	NA	NA	6
Huang et al.	2021	American	Case-control	General population	12.6 (3.7)	606/290/316	18.0 (15.1-21.3)	18.0 (15.1-21.3)	0.5 (0.2-1.5)	2.84 (2.17-3.71)	7
Woo et al.	2021	Korean	Cross-sectional	General population	58.1 (19.4)	3591/2040/1551	3.5 (3.0-4.2)	2.0 (1.6-2.5)	2.40 (1.92-3.01)	1.38 (1.14-1.67)	9
Han et al.	2022	American	Retrospective	Hospital-based	63 (53-73)	288/123/165	21.2 (16.9-26.3)	21.2 (16.9-26.3)	NA	NA	7

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Christopher et al.	2022	United Kingdom	Cross-sectional	Hospital-based	61.1 (18.4)	2416/982/1434	Depression: 41.4 (39.5-43.4)	NA	NA	8
							Anxiety: 35.6 (33.8-37.6)	NA	NA	
Katherine et al.	2022	American	Retrospective	General population	56.3 (2.7)	36/9/27	Depression: 8.3 (2.9-21.8)	0.74 (0.23-2.41)	NA	8

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