# **Correlates of Anxiety and Depression in Tinnitus Complaints**

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## Abstract

- Anxiety and depression are psycho-emotional components in general health and health psychology.
- Tinnitus as a highly varied etiology, associated with changes in auditory area but also related to cognitive and emotional aspects.
- Among individuals seeking support due to tinnitus, 75% exhibit anxiety and/or depressive disorders
- Only 7% had experienced tinnitus before developing these psycho-emotional disorders.
- Women showed higher values indicating greater anxiety and depression. - Individuals with lower education levels also showed higher values in both psycho-
- emotional variables.
- The results obtained are important for structuring therapeutic interventions for these individuals and support the use of the HADS as a screening tool for comorbidities, like anxiety and depression in individuals with tinnitus complaints.

## **Objectifs**

The objectives of the study are systematizing the literature regarding anxiety and depression in tinnitus, verify anxiety and depressive symptoms in individuals with tinnitus, and investigate their relationship with socio-demographic and clinical variables.

## Méthodes et Matériels

- A total of 56 individuals were assessed using the HADS (Hospital Anxiety and Depression Scale), after an ENT and Audiological evaluation.
- and it was found that 51.7% of the sample showed anxious symptoms, with the same percentage observed for those presenting depressive symptoms.

## THÈME





ANX	kiety and De	pression resi	ults (N=56)	)
	Minimum	Maximum	M	SD
<b>-</b>			. = (	. =0 /
Total anxiety	0	21	8,71	4,724
Total depretion	0	19	5,48	4,427
	HAD	S / Marital St	atus	
Marital	1.6			
	l Status	Total a	nxiety 7	Total depression
	M	Total a	-	Total depression 5,11
Maried			7	
	М	8,1	7	5,11
	M N	<b>8,1</b> 47	7 7 20	<b>5,11</b> 47
	M N SD	<b>8,1</b> 47 4,32	<b>7</b> 20 <b>56</b>	<b>5,11</b> 47 3,737

Anxiety and Depression results (N=56)				HADS / Gender					
	Minimum	Maximum	M	SD		Gender	Т	otal anxiety	Total depretion
						М		10,55	6,80
Total anxiety	0	21	8,71	4,724	Female	N		20	20
Total depretion		19		4,427		SD		4,174	4,137
	0		5,48			М		7,69	4,75
					Male	N		36	36
	HAD	DS / Marital St	atus			SD		4,756	4,468
Marit	al Status M	Total a. <b>8,1</b>		Total depression 5,11				Total anxiet	y Total depretion
Maried	Ν	47	7	47					
	SD	4,32	20	3,737		Years of Education	rs	-0,238	-0,374
Others	М	11,	56	7,44			р	0,078	0,004
	Ν	9		9					
Others		-							

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### Results

## Conclusion

Women and people with lower education are more affected

Emotional and Psychological interventions must complement traditional ones

HADS can be used with a specific instrument (as THI) as a screening instrument

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