

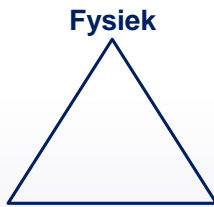


Tinnitus en hyperacusis

Top down or bottom up?



- Expertise, advies en begeleiding (EMDR)
- Neuropsychologisch onderzoek
- Werkgeheugentraining en Cognitieve re-integratie
- Cursussen



Psychisch Gedragmatig



Psychisch Gedragmatig

Chronische pijn – Chronische moeheid

Somatisch Onvoldoende verklaarde
Lichamelijke Klachten (SOLK)




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ASSOCIATION BETWEEN TINNITUS AND SOMATOFORM DISORDERS

WOLFGANG HILLER,* ALEKSANDAR JANCA†
and KIMBERLY C. BURKE‡

Tinnitus en hyperacusis
Top down or bottom up?

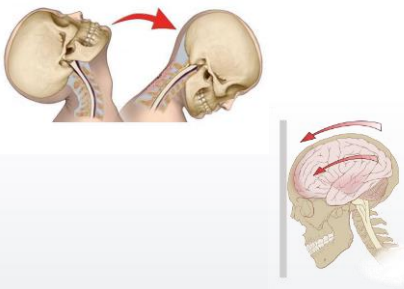


Symptom	N	%
30% or more frequent		
Headache	570	36
Rapid heart beating	434	34
25-30% pain	396	31
Head pain	286	23
Abdominal/pelvic pain	276	22
Painful or weakness	276	22
25-30% dizziness		
Dizziness/discomfort in abdomen	256	20
Dizziness on or hearing	252	19
Pain in arms or legs	252	19
Hot or cold sweats	246	19
Nausea	192	15
Obstruction of breath	186	14
20-25% numbness or tingling sensations		
Stomach or throat	186	14
Dry mouth	174	14
Feeling of heaviness or lightness	174	14
Feeling of heaviness or lightness	174	14
Pain in joints	174	14
Feeling of heaviness	174	14
Heavy and fast breathing	144	11
Hoarse or sore (throat)	142	11
6-10%:		
Numbness or tingling sensations	130	10
Hot water in mouth/nasal passage	126	10
Spells or attacks of shaking	126	10
Fatigue	114	9
Shaking or twinges	112	9
Swimming	102	8
Loose teeth or dentures	96	8
Feeds much less ill	90	7
Clipping or clipping sensations	84	7
Flushing or blotching	84	7
Unusual eye frequency	84	7
Headache	72	6
Pain elsewhere else	72	6
Lost feeling in arm or leg	72	6
6-5%:		
Swelling	66	5
Lost voice	62	5
Unusual feeling inside or on body	62	5
Itching/itchiness	62	5
Blanchiness or discoloration of skin	48	4
Pain around private parts	48	4
Fatigued	36	3
Headache	36	3
Headache	36	3
Stomach pain	36	3
Pain when urinating	36	3
Stomach muscle	36	3
Blood in one or both eyes	36	3
Deaf	36	3
Unable to urinate	36	3
Nausea	36	3

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Top down or bottom up?

Symptom	%
30% en vaker:	
Hoofdpijn	46
Hartkloppingen	34
25-30%:	
Pijn op de borst	29
20-25%:	
Ruggpijn	24
Buikpijn	22
Periode van zwakte	22
15-20%:	
.....	

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Trauma-Associated Tinnitus

Peter M. Kreuzer, MD; Michael Landgrebe, MD, PhD; Veronika Vielsmeier, MD; Tobias Kleinjung, MD, PhD; Dirk De Ridder, MD, PhD; Berthold Langguth, MD, PhD

Whiplash Associated Disorder 57% tinnitus
Traumatisch hersenletsel 53% tinnitus
87% hyperacusis


Tinnitus en hyperacusis
Top down or bottom up?

NEUROPSYCHOLOGICAL REHABILITATION
2012, 22 (3), 391-407

Psychology Press
Taylor & Francis Group

Hearing every footstep: Noise sensitivity in individuals following traumatic brain injury

Jason Landon, Daniel Shepherd, Stacy Stuart, Alice Theadom, and Simone Freundlich
Auckland University of Technology, Auckland, New Zealand



Tinnitus en hyperacusis
Top down or bottom up?




Weise C, Hesser H, Andersson G, Nyenhuis N, Zastruzki S, Kröner-Herwig B, Jäger B. Int J Audiol. 2013 Mar;52(3): 177-88. The role of catastrophizing in recent onset tinnitus: its nature and association with tinnitus distress and medical utilization.

Tinnitus en hyperacusis
Top down or bottom up?

condite
Gedrag en Hoorzorg



'Ik heb op mijn vakgebied geen afwijkingen gevonden' c.q. 'Er is niks te zien'

↓

Niet te behandelen

Tinnitus en hyperacusis
Top down or bottom up?


condite
Gedrag en Hoorzorg



Tinnitus en hyperacusis
Top down or bottom up?

condite
Gedrag en Hoorzorg


De wetenschap dat na een traumatisch hersenletsel vaak overgevoeligheid voor geluid ontstaat, biedt de mogelijkheid om mensen na een traumatisch hersenletsel relevante informatie daarover te geven, ze beter te ondersteunen zodat zij daar beter mee om kunnen gaan



Landon J, Shepherd D, Stuart S, Theadom A, Freundlich S. Hearing every footstep: noise sensitivity in individuals following traumatic brain injury. *Neuropsychol Rehabil.* 2012;22(3):391-407.

Tinnitus en hyperacusis
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condite
Gedrag en Hoorzorg



Tinnitus en hyperacusis
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condite
Gedrag en Hoorzorg

Tinnitus vermindert de cognitieve capaciteit, die we nodig hebben om taken uit te voeren die aandacht, inzet en strategische controle vereisen



Rossiter S, Stevens C, Walker G. Tinnitus and its effect on working memory and attention. *J Speech Lang Hear Res.* 2006 Feb;49(1):150-60

Tinnitus en hyperacusis
Top down or bottom up?

condite
Gedrag en Hoorzorg

Somatisch Onvoldoende verklaarde Lichamelijke Klachten (SOLK)

Somatisch Onvoldoende verklaarde Cognitieve Klachten (SOCK)

