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ADHD“

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2022

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38  
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(ADHD) 20  
ADHD, ,  
, 20 . 2018 .

27.04.2022 . 11:00 .  
” ”  
204 ”  
” www.vfu.bg, ” .

**I.**

**1.**

ADHD, (PEM-FST) - (OAI)  
OAI , ADHD,  
ADHD,  
: .  
, 2000 .  
” “  
(Eilon & Lahad, 2000).  
Nutman-Schwartz Lavi (2014),  
,  
, , ,  
ADHD ADHD.  
ADHD  
(Murray-Close et al 2010).

ADHD,  
25% -50% (Jarrett &  
Ollendick, 2008; Jensen et al., 2001; Larson et al., 2011; Mancini et al.,  
1999).

**2.**

, 7% -10%  
(ADD). ADD  
;

(DuPaul & Stoner, 2003).

ADHD

30% -50% ADHD

Berkeley, 1996, Wiener et al., 2016), 40% -60%  
 ADHD ( Minde et al., 2003,  
 Wiener et al., 2016). Tartakowski (2013)

ADHD 50%. ADHD

ADHD, OAI, -

ADHD,

**3.**

(PEM-FST) ADHD,  
 (OAI)  
 ADHD, OAI  
 ADHD,

ADHD

**4.**

ADHD

5.

20

OAI,

OAI

OAI.

ADHD

6.

ADHD“.

7.

(PEM-FST) ( ),

ADHD ADHD PEM-FST.

(2001; / 6-18 (CBCL) CBCL Achenbach Rescorla Zilber et al., 1994)

1. (ACS) (ACS; Frydenberg & Lewis, 1993a, 1993b)

2.  
1970).  
3.  
1965)

(STAI; Spielberger et al.,

(MACL; Nowlis,

161 (322).

## 8.

„OAI“

ADHD.

ADHD

## II.

204

13

387

6

, 15

24

(97



).

**1.1** **1.**

1.1.1 (PTSD).

(PTSD), (PTS), (PTSS).

1.1.2 PTS PTSD?

1.1.3 PTS?

1.1.4 (PTS)  
(PTSD)?

1.2 ?

1.3 - DSM -5.

1.4 ?

1.4.1

1.5

1.5.1

1.6

1.7

1.8

1.8.1

1.8.2

1.8.3

1.9

1.10

1.11 PTSD and RNT.

1.11.1

1.11.2

1.11.3

1.12

1.13

1.14 Life in the shadow of missiles.

1.15 **2. ADHD -** ?

1.15.1 ADHD ( )?

1.15.2 ADHD.

1.15.3		ADHD.			
1.16			ADHD.		
1.17		ADHD.			
1.18		ADHD.			
1.19			(EF).		
1.19.1			(EF)		ADHD.
1.20			(WM)		ADHD.
1.21			.		
1.22				ADHD.	
1.23	-				
1.24					ADHD.
1.24.1			-	ADHD.	
1.25	ADHD	-			ADHD.
1.26					ADHD.
1.27		ADHD.			
1.28		ADHD.			
1.29				ADHD.	
1.29.1			.		
1.29.2				ADHD.	
<b>1.30</b>	<b>3.</b>				,
		,			.
1.31					
1.32					
1.32.1					
1.32.2		,			
1.33					?
1.34		.			
1.35					
1.35.1				ADHD.	
1.36					ADHD.
1.37					
1.37.1					
1.38		.			
1.39		.			
1.40					
1.41					
1.42					
	<b>2.</b>				
2.1		.			
2.2		.			
2.3		.			
2.4		.			

2.5  
 2.6 /6-18 (CBCL).  
 2.6.1 (ACS).  
 2.6.2 (STAI).  
 2.6.3 (MACL).  
 2.6.4

2.7  
 2.7  
 2.8

**2.9**  
 2.10  
 2.11  
 2.12  
 2.13  
 2.14

2.15 CBCL: /6-18.  
 2.15.1 CBCL:

2.15.2 CBCL:  
 2.15.3 CBCL:  
 2.15.4 CBCL:  
 2.15.5 CBCL:  
 2.15.6 CBCL:

2.16 ACS:  
 2.16.1 ACS:  
 2.16.2 ACS:  
 2.16.3 ACS:  
 2.16.4 STAI:  
 2.16.5 MACL:  
 2.16.6 MACL:

**2.17** &  
 2.17.1

14. - ADHD PEM-FST.  
 15. - ADHD PEM-FST.

**3.**

3.1  
 3.2  
 3.3  
 3.4  
 3.4.1  
 3.5  
 3.6

**1.**

ADHD.  
 ADHD  
 ADHD.  
 ADHD.

- 3.7
- 3.7.1 AD -
- 3.7.2
- 3.7.3
- 3.7.4 ADHD.
- 3.8
- 3.9
- 3.10
- 3.11
- 3.12
- 3.13
- 3.14 2.**
- 3.14.1 ADHD.
- 3.14.2 (SIP).
- 3.15
- 3.16 ADHD.
- 3.17
- 3.18
- 3.19 ADHD.
- 3.20 ADHD
- 3.21 / ADHD.
- 3.22 ADHD.
- 3.23 3.**
- 3.23.1 ” “
- 3.23.2
- 3.23.3
- 3.23.4
- 3.24
- 3.25
- 3.26
- 3.27
- 3.27.1
- 3.28
- 3.29**
- 3.30**

### III.

ADHD,

ADHD

2001

2 000

(Lowry & Lating, 2002; Pat-Horenczyk, 2005).

(Lowry & Lating, 2002; Shaw, 2003).

(Garbarino, 2001; Macksoud & Aber, 1996; Straker et al., 1996; Solomon & Lavi, 2005).

(Joshi & O'Donnell, 2003). Steinberg and Drabick (2015), ADHD

ADHD

Berger (2006a, 2006b),

ADHD.

ADHD

OAI, ADHD, ADHD OAI  
 Israel“. ADHD, „Otef Aza-  
 ADHD.  
 , / ADHD.  
 ,  
 OAI („Otef-Aza’- “) 12-13 NOAI (No’Otef-Aza’- ”).  
 , ADHD,  
 ,  
 ADHD OAI -  
 .

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 . Sagi (2010) ,  
 , ,  
 , ,  
 .  
 ( ):  
 , , (Barenbaum et al., 2004; Garbarino, 2001)  
 ,  
 (Vogel & Vernberg, 1993).

(Garbarino, 2001; Macksoud & Aber, 1996; Straker et al., 1996;  
 Solomon & Lavi, 2005). Garbarino (2001) ,

(Barenbaum et al., 2004; Macksoud & Aber, 1996; Straker et al., 1996).

(Flack et al., 2011). DSM-5  
PTS, PTSD

(Betipulnet.co.il,  
; LeBlanc et al., 2002). PTS PTSD

8% -10%

250). Muris (2007)

Horenczyk et al., 2006)

(Lowry & Lating, 2002; Schonfeld, 2002).

2010-2011 . “ (Pat-Horenczyk et al., 2006, . 204).  
(

( ) ; 41,6%





12 - (80%),

, 7% -10%  
 (ADD). ADD ;  
 (DuPaul & Stoner, 2003). -  
 (2016) , (LD) (ADHD)

-  
 (DSM-5; ,  
 2013). LD ADHD ,  
 31%-45%. (DuPaul, Gormley, & Laracy, 2013,  
 Al-Yagon, 2016). ,  
 ADHD (Blackman et al.,  
 2005; Tsang et al., 2012).  
 (WM)

WM (Gathercole et al.,  
 2004). (Rapport et al., 1999, Martinussen et al., 2005).

(ADHD)  
 (Deault, 2010; Johnston & Mash, 2001). 40% -60%  
 ADHD ADHD (Biederman et al., 1995, Bonati  
 et al., 2018; Minde et al., 2003, Bonati et al., 2018).

**ADHD**

. (Al-Yagon, 2016; Thorell et al., 2012).  
 ADHD - EF

ADHD. EF

,  
 (Burgess et al., 2010, as cited in Jarrett  
 & Ollendick, 2008; Zelazo & Carlson, 2012, as cited in Jarrett &  
 Ollendick, 2008). EF,

-  
 (Diamond, 2013; O'Rourke, 2020). CF

EF, (Hofmann et al., 2012, O’Rorke, 2020). (Huang-Pollock et al., 2012, as cited in O’Rorke, 2020).

(Bjorklund & Harnishfegar, 1990, O’Rorke, 2020; Diamond, 2013). (Dempster, 1992, as cited in O’Rorke, 2020).

### **ADHD**

ADHD (Murray-Close et al., 2010), (Marton et al., 2009; Sibley et al., 2010), (Bagwell et al., 2001; Hoza et al., 2005; Mikami & Lorenzi, 2011, Beristain, 2017), (Bagwell et al., 2001; Hoza et al., 2001, Beristain, 2017; Marton et al., 2012; Normand et al., 2013). Hoza (2007)

50% 80% ADHD “ ” ADHD (Burhmester et al., 1992, as cited in Beristain, 2017; Melnick & Hinshaw, 1996).

### **3. ADHD,**

( , 1933, Higgins & Endler, 1995).

(Billings & Moos, 1981, Higgins & Endler, 1995; Folkman, 1984, Higgins & Endler, 1995; Folkman & Lazarus, 1988).

(Endler & Parker, 1990b; Folkman & Lazarus, 1985).

(Endler & Parker, 1994).

(Endler & Parker, 1994; Folkman & Lazarus, 1985).

( , 2009).  
Krattenmacher et al. (2013).

(Braun-Lewensohn, Celestin-Westreich, Celestin, Verleye, Verte´ Ponjaert-Kristoffersen, 2009; Braun-Lewensohn, Celestin-Westreich, Celestin, Verte´ Ponjaert-Kristoffersen , 2009)



Landau, 2004, Steinberg & Drabick, 2015).

(De Pauw & Mervielde, 2010, as cited in Steinberg & Drabick, 2015).

**ADHD**

Steinberg and Drabick (2015, . 955) ,,

ADHD“.

ADHD.

Johnson, 2001, (Johnston & Mash, 2001; Nigg, 2007; Pfiffner & Steinberg & Drabick, 2015).

et al., 1999).

(Lengua

& Endler, 1995). (Zeidner & Hammer, 1990, as cited in Higgins

PTSD,

AD (H) D.

EF, WM  
-50% ADHD 30%  
ADHD. 40% -60% ADHD

III.

( )

(PEM-FST)

( )

ADHD.

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12-13

12% (N = 44)

(N = 364)

(N = 322),

161

88%

161

12

(N = 90, 56%).

52%

(N =

84) 48%

(N = 77).

40

ADHD

37

ADHD.

61

ADHD

23

ADHD.

ANOVA,

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/6-18 (CBCL). CBCL

Achenbach Rescorla (2001;

Zilber et al., 1994).

113

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. 1.

1993a, 1993b) (ACS) (ACS; Frydenberg & Lewis,  
 . 2. (MACL)  
 (MACL; Nowlis, 1965)  
 . 3. (STAI)  
 (STAI; Spielberger et al., 1970)  
 20 ,

1

ADHD

	<b>g</b> (N = 161)	<b>OAI</b> (N = 84)	<b>NOAI</b> (N = 77)	
[N (%)]				
	77 (47.8)	34 (40.5)	43 (55.8)	$t_{(1)}^2 = 3.80,$
	84 (52.2)	50 (59.5)	34 (44.2)	NS
[M (SD)]	12.44 (.50)	12.37 (.05)	12.52 (.06)	$t_{(157)} = 1.93, NS$
	[N (%)]			
ADHD	60 (37.3)	30 (35.7)	30 (39.0)	$t_{(1)}^2 = .18,$
No ADHD	101 (62.7)	54 (64.3)	47 (61.0)	NS

\* $p < .05$ . \*\* $p < .01$ . \*\*\* $p < .001$ .

-

12

ANOVA.

:

RQ1\_a:

ADHD ( )

?

H01\_a:

ADHD



HA1\_a: ADHD

RQ1\_b: (OAI NOAI) ?

H01\_b: (OAI NOAI)

HA1\_b: (OAI NOAI)

RQ1\_c: NOAI) ADHD ( PEM-FST (OAI

H01\_c: ? PEM-FST ADHD

HA1\_c: PEM-FST ADHD

CBCL (Achenbach, 2001).  
107

CBCL

2.

2

CBCL

	<i>N</i>	<i>Min</i>	<i>Max</i>	<i>Mean</i>	<i>SD</i>
CBCL	161	0	74	19.99	14.64
	161	0	21	6.11	4.88

	161	0	18	4.57	4.45
-	161	0	15	3.40	3.03
	161	0	14	2.04	2.49
	161	0	10	2.83	2.45
	161	0	14	3.82	3.57

ACS (Frydenberg & Lewis, 1993a, 1993b).

18

“ ” : ” “ ” “ ”

(Spielberger et al., 1970).

20

MACL (Nowlis, 1965).

34

MACL

3.

ACS, STAI

3

ACS, STAI MACL

	<i>N</i>	<i>Min</i>	<i>Max</i>	<i>Mean</i>	<i>SD</i>
	161	15	40	29.11	5.59
	161	3	15	7.32	2.72
	161	7	31	17.29	5.46
STAI	161	5	50	24.84	9.63
	161	6	24	18.07	3.91
	161	0	30	8.65	6.03

ADHD

(PEM-FST)

2001). CBCL ( , , PEM-FST ADHD . , , ADHD PEM-FST, ADHD PEM-FST. . ADHD ACS (Frydenberg & Lewis, 1993). PEM-FST , , . PEM-FST ADHD , , PEM-FST ADHD, - ADHD PEM-FST, , ADHD , al., 1970). STAI (Spielberger et PEM-FST , . PEM-FST ADHD, PEM-FST ADHD, - . ,

ADHD

MACL (Nowlis, 1965).

PEM-FST

PEM-FST      ADHD

PEM-FST

ADHD

**CBCL (Achenbach, 2001).**

CBCL/6-18 (Achenbach, 2001),

Mann-Whitney U,

ADHD

4.

4

(ADHD

*No-ADHD)*

	ADHD N = 60	-ADHD N = 101
	.45a	.10
	.00	.00
	.65	.30
	.10b	.04
	.00	.00
	.35	.24
	.40c	.09
	.00	.00
	.49	.29

ADHD

ADHD.  
ADHD

ADHD.  
ADHD

ADHD.

U

PEM-FST

4.

PEM-FST

ADHD.

PEM-FST

OAI NOAI,  
PEM-FST.

ADHD

NOAI OAI PEM-FST,  
PEM-FST.

ADHD

OAI

OAI

ADHD,

ADHD

ADHD.

ADHD,

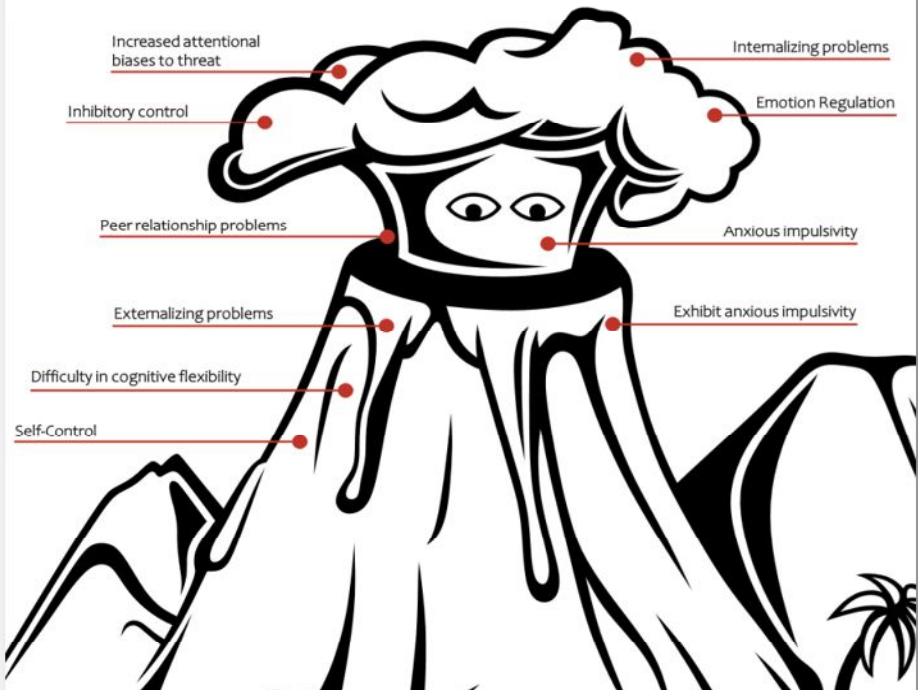
NOAI,

### Common

Combined: Inattention, Impulsivity, Hyperactivity | Externalizing problems | Internalizing problems  
Emotion Regulation | Self-Control | Attention-Span | Impulse control | Short memory span | Delay aversion  
Negative thoughts | Peer relationship problems | Family conflict | Inhibitory control | EF - Executive function  
Planning and cognitive flexibility | WM - Working memory | Social rejection | LD - Learning Disabilities | ADHD + Anxiety  
ADHD + ODD (Oppositional Defiant Disorder (part of them)) | ADHD + CD (part of them)

## NOAI

No 'Otef Aza'-Israel



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Figure Living with ADHD in NOAI

### Common

Combined: Inattention, Impulsivity, Hyperactivity | Externalizing problems | Internalizing problems  
 Emotion Regulation | Self-Control | Attention-Span | Impulse control | Short memory span | Delay aversion  
 Negative thoughts | Peer relationship problems | Family conflict | EF - Executive function | Inhibitory control  
 Planning and cognitive flexibility | WM - Working memory | Social rejection | LD - Learning Disabilities | ADHD + Anxiety  
 ADHD + ODD (Oppositional Defiant Disorder (part of them) | ADHD + CD (part of them)

### War-zone

## OAI 'Otef Aza'-Israel





**III.**

-

1. . 2. . 3. :

ADHD, OAI. PEM-FST

ADHD.

2001 .

800 000

Boker A. (2019) ,

- Shapira S. ,, OTEF AZA

Ben-Gurion ISRAEL “(OAI )

. 52% , 37% , 48%

“(Boker A. 2019 ).

\* (PEM-FST) ADHD

ADHD, OAI NOAI.  
ADHD (

OAI NOAI)

ADHD

Cohen Eid (2007), ADHD

(Allen, 1998; Gramezy et al.,  
1984).  
Braun-Lewensohn et al. (2008)

(Garnefski et al., 2002; Xianchen et al., 2004).  
O'Rourke (2020)

(Bjorklund & Harnishfegar, 1990, as cited in O'Rourke, 2020;  
Diamond, 2013).

Pat-

Horenczyk et al. (2006)

(Roe-Burning,1997).

( , 1993, 2005).

( , 1999). ( , 2002;  
, Zeidner (2005),

(Allen, 1998; De Jong,  
2002; Garbarino, 2001; Garmezy et al., 1984),  
(Almquist & Broberg, 1999; Masten & Coatsworth, 1998).

Frydenberg and Lewis (1993),

ADHD.

ADHD

(OAI),

ADHD

(OAI).

ADHD

ADHD,

(O'Rourke, 2020; Safren et al., 2001).

ADHD.

ADHD  
2020; Safren et al., 2001).

(O'Rourke,

ADHD

ADHD,

OAI -  
ADHD, OAI -  
ADHD, NOAI.  
ADHD OAI

OAI,

ADHD

FST,

ADHD,

PEM-FST,

PEM-

ADHD,

” (Undheim & Sund, 2017).

(Bagwell et al., 1998).

(Bagwell et al., 1998; Hartup, 1996).  
**ADHD;**  
(ADHD),  
(  
, 2013).  
,  
(  
, 2017). **ADHD**  
,  
(Murray-Close et al., 2010)  
(Marton et al., 2009; Sibley et al., 2010),  
(Bagwell et al., 2001; Hoza, 2005; Mikami & Lorenzi, 2011),  
(Bagwell et al., 2001; Hoza et al., 2001; Marton et al., 2012; Normand et al., 2013)  
(Normand, 2011).  
, **ADHD,**  
(Bagwell et al., 2001; Frazier et al., 2007, Al-Yagon, 2016). (2016).  
(2016)  
,  
,  
,  
(Al-Yagon & Margalit, 2013; McQuade & Hoza, 2008).

**ADHD,**

OAI NOAI.

OAI,

ADHD,

ADHD

OAI PET-FST,

ADHD,

OAI.

ADHD,

NOAI,

1.

2.

ADHD,

3.

ADHD,

(OAI)  
OAI,

4.

ADHD.

5.

“

ADHD.

6.

ADHD

ADHD.

7.

ADHD

#### IV.

(PEM-FST) OAI,

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ADHD.

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ADHD.

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ADHD

ADHD,

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ADHD,  
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ADHD /  
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, , .

1. ADHD  
,  
( )  
,  
(Bhattacharya et al., 2020).

ADHD,  
,  
ADHD.  
2. ADHD COVID-19.  
( , , . )  
ADHD,

3. ADHD ADHD.



ADHD, ( . . ).

4. ” “

,

5. ADHD.

,

,

1. Ronit Eilon, THE EFFECT ON ADOLESCENTS WITH ADHD OF PROLONGED EXPOSURE TO MISSILE FIRE OR SECURITY THREATS: PURPOSES AND HYPOTHESES, <https://ejournal.vfu.bg>, 17, 2022, ISSN 1313-7514
2. Ronit Eilon, RESULTS OF THE STUDY THE EFFECT ON ADOLESCENTS WITH ADHD OF PROLONGED EXPOSURE TO MISSILE FIRE OR SECURITY THREATS, <https://ejournal.vfu.bg>, 17, 2022, ISSN 1313-7514
3. Ronit Eilon, THE EFFECTS OF CONTINUED STATE OF EMERGENCY ON FUNCTIONING OF CHILDREN EMOTIONAL, SOCIAL, BEHAVIORAL AND EDUCATIONAL ACHIEVEMENTS OF CHILDREN WITH ADHD, <https://ejournal.vfu.bg>, 17, 2022, ISSN 1313-7514