

S1 Table

Article title: Physiological reactions to acute stressors and subjective stress during daily life: A systematic review on ecological momentary assessment (EMA) studies

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S1 Table. Free text search terms and MeSH terms for physiological stress reactions

Stress reactions	Free text search terms	MeSH terms PsycINFO	MeSH terms Pubmed
Autonomic nervous system	autonomic nervous system; autonomic function*; sympathetic nervous system	exp autonomic nervous system/	exp Autonomic Nervous System/
Norepinephrine and epinephrine	*adrenaline; *epinephrine; catecholamine*	exp Catecholamines/	exp Catecholamines/
alpha-Amylase	alpha-amylase	-	exp alpha-Amylases/
Electrodermal activity	electrodermal activity; skin conductance; galvanic skin response	exp Galvanic Skin Response/	exp Galvanic Skin Response/
Hypothalamic-pituitary-adrenal axis	hypothalamic pituitary; HPA axis	exp Hypothalamic Pituitary Adrenal Axis/	exp Hypothalamo-Hypophyseal System/
Cortisol	Cortisol; glucocorticoid*	exp Hydrocortisone/	exp Hydrocortisone/
ACTH	adrenocorticotrop*; ACTH	exp Corticotropin/	exp Adrenocorticotropic Hormone
Corticotropin Releasing hormone (CRH)	corticotrop*; CRH	exp Corticotropin Releasing Factor/	exp Corticotropin-Releasing Hormone/
Dehydroepiandrosterone	Dehydroepiandrosterone; DHEA	-	exp Dehydroepiandrosterone/
Other biomarkers of stress	Biomarker* NEAR/1 stress		
Serotonin	Serotonin; dopamine; neurotransmitter*; hormone*;	*Serotonin/	exp Serotonin/
Dopamine	monoamine		
Acetylcholine	acetylcholine	exp Acetylcholine/	exp Acetylcholine/
GABA	GABA; aminobutyric acid	exp gamma aminobutyric acid/	exp gamma-Aminobutyric Acid/
Chromogranin A	chromogranin A	-	exp Chromogranin A/
Brain derived neurotrophic factor (BDNF)	brain derived neurotrophic factor; brain derived neurotrophic factor; BDNF	exp Brain Derived Neurotrophic factor/	exp Brain-Derived Neurotrophic Factor/
Cardiac troponin T (CTT)	cardiac	-	exp Troponin T/
Neuropeptide Y (NPY)	neuropeptide Y; NPY	exp Neuropeptide Y/	exp Neuropeptide Y/

Orexin A	orexin A	exp Orexin/	exp Orexins/
Oxytocin	oxytocin	exp Oxytocin/	exp Oxytocin/
Physiological reactions			
Brain			
Altered brain activity	electroencephalogra*; EEG; brain NEAR/2 activity; brain waves; brainwaves	Exp Electroencephalography/	exp Electroencephalography/
Eyes			
Pupil diameter	pupil diameter; size NEAR/2 pupil; dilation NEAR/2 pupil; dilatation NEAR/2 pupil; eye gaze; eye track*;	exp Pupil Dilation/	-
Eye gaze	blink* rate*; blink* frequency; eye blink**	exp Eye Movements/	exp Eye Movements/
Blink rates		-	exp Blinking/
Respiration			
Bronchodilation	respirat*; breathing; *plethysmograph*	exp Respiration/ OR exp Plethysmography/	exp Respiration/ or exp Plethysmography/ or exp Vital Signs
Rapid breathing			
Muscle			
Muscle tension	musc* tension; musc* tone; musc* tonus; musc* activity; electromyogra*; EMG	exp Muscle Contractions/ OR exp Muscle Relaxation/ OR exp Muscle Tone OR exp Electromyography	exp Muscle Contraction/ or exp Muscle Tonus or exp Electromyography/
Cardiovascular			
Heart rate; heart rate variability	Cardiovascular; cardiac	exp Cardiovascular Reactivity/	-
	heart rate; electrocardiogra*; ECG	exp Heart Rate/	exp Vital Signs/ or exp Electrocardiography, Ambulatory/ or exp Hemodynamics/
Cardiac output	cardiac	-	exp Hemodynamics/
Blood pressure	blood pressure	exp Blood Pressure/	exp Vital Signs/ or exp Hemodynamics/
Changes of blood circulation	blood flow; blood circulation; *plethysmograph*	exp Blood Flow/	exp Hemodynamics/
Coagulation	*coagulation; *coagulability; clotting; fibrino*; prothrombin time; von Willebrand factor; hemostasis	exp Blood Coagulation/	exp Hemostasis/
Metabolism			
Plasma glucose levels	Glucose; blood sugar	exp Glucose/	exp Glucose/
Thermogenesis			
Skin temperature	Thermogenesis; temperature	exp Body Temperature/	exp Vital Signs/ or exp Body Temperature/
Sweat rate	sweat rate; sweating; sweat production	exp Sweating	exp Body Temperature/
Immune response	immune	exp Immunology/	exp Immune System/
Immunoglobuline A	immunoglobulin*	exp Immunology/	exp Immunoglobulins/
Lysozyme	Lysozyme; muramidase	-	exp Muramidase/
IL-6	cytokine*; interleukin*	exp Immunology/	exp Cytokines/
IL-1 β			
TNF-alpha	tumor necrosis factor; TNF	exp Immunology/	exp Cytokines/
C-reactive protein	C-reactive protein, CRP	-	exp C-Reactive Protein/

Altered blood count	natural killer cell*; NK cell*; leukocyte*; leucocyte*; white blood cell*; lymphocyte*; B cell*; T cell*; monocyte*; CD* cell*; neutrophil*	exp Leucocytes/	exp Leukocytes/
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