

Appendix

<b>Concepts</b>		
<b>A: Anxiety disorder</b>		
<b>B : Posttraumatic stress disorder</b>		
<b>C: Cardiovascular disorder</b>	Myocardial infarction	
<b>D: Biomarkers</b>		
D.1	Catecholamines	
D.2	Heart Rate Variability	
D.3	Baroreflex Sensitivity	
D.4	CRP	
D.5	White cell	
D.6	Cytokines	
D.7	LDL-C	
D.8	Fibrinogen	
D.9	Coagulation factor VII	
D.10	Cortisol	
D.11	BDNF	
D.12	TSH	
D.13	Heart rhythm	
Database(s): <b>All Ovid MEDLINE(R)</b> 1946 to Present		Performed: June 21, 2019
<b>Concept</b>		<b>Search strategy</b>
A	Anxiety disorder	exp Anxiety Disorders/ (Anxiety OR Neurotic) ADJ1 (Disorder OR State OR Neuroses).mp. (Anxiety disorder OR Anxiety Neuroses OR Neurotic Anxiety State OR Agoraphobia OR Separation Anxiety OR Separation Anxiety Disorder OR Neurocirculatory Asthenia OR Effort Syndrome OR Cardiac Neurosis OR Cardiac Neuroses OR Hyperkinetic Heart Syndrome OR Neurotic Disorders OR Obsessive-Compulsive Disorder OR Panic Disorder OR Panic Attack OR Phobic Disorders OR Phobia OR Claustrophobia OR Social Phobia OR Social Anxiety Disorder).mp.
		exp Stress Disorders, Post-Traumatic/ OR (PTSD OR (moral ADJ injur*)).mp. ((Posttraumatic OR Post-trauma*) ADJ (Neuros* OR neurotic or stress)).mp.
C	Myocardial infarction	exp Myocardial Infarction/ OR Coronary Thrombosis/ OR Atherosclerosis/ OR exp Hypertension/ (Myocardial Infarct* OR Cardiovascular Stroke* OR Heart Attack* OR Coronary Thrombos* OR Atheroscleros*).mp. (Cardiogenic Shock OR No-Reflow Phenomenon OR Atherogenesis OR Hypertension OR High Blood Pressure OR Coronary Artery Disease).mp.
		exp Vagus Nerve/ or exp Autonomic Fibers, Postganglionic/ OR Autonomic Fibers, Preganglionic/ OR exp Ganglia, Autonomic/ or exp Parasympathetic Nervous System/ OR exp Sympathetic Nervous System/ (Autonomic Nervous System* OR Visceral Nervous System* OR Vegetative Nervous System*).mp.
D.1	Autonomic Nervous System	exp Vagus Nerve/ or exp Autonomic Fibers, Postganglionic/ OR Autonomic Fibers, Preganglionic/ OR exp Ganglia, Autonomic/ or exp Parasympathetic Nervous System/ OR exp Sympathetic Nervous System/ (Autonomic Nervous System* OR Visceral Nervous System* OR Vegetative Nervous System*).mp.
	Norepinephrine	Norepinephrine/ (Noradrenaline OR Norepinephrine).mp.
	Epinephrine	Epinephrine/ (Adrenaline OR Epinephrine).mp.
D.2	Heart Rate Variability	(Heart rate variability OR Heart-rate variability OR HRV).mp.

D.3	Baroreflex Sensitivity	(Baroreceptor Sensitivity* OR BRS).mp.
D.4	Inflammation	(Inflammation*).mp.
D.5	CRP	C-Reactive Protein/
		(C-Reactive Protein OR CRP).mp.
D.6	White cell	exp Leukocytes/ OR Macrophages/ OR exp Monocytes/
		(Leukocyte* OR White Blood Cell* OR White Blood Corpuscle* OR Neutrophil* OR LE Cell* OR Neutrophil Band Cell* OR Macrophage* OR Monocyte*).mp.
D.7	Cytokines	exp Cytokines/
		(Cytokine* OR Tumor Necrosis Factor OR TNF OR Interleukine OR Interleukine-1 OR IL1 OR IL-1 OR Interleukine-6 OR IL6 OR IL-6 OR Interleukine-2 OR IL2 OR IL-2 OR Interleukine-8 OR IL8 OR IL-8 OR Interleukine*).mp.
D.8	LDL-C	exp Lipoproteins, LDL/
		(Low-density lipoprotein* OR LDL* OR beta-Lipoprotein*).mp.
D.9	Fibrinogen	exp Fibrinogen/
		(Fibrinogen* OR Coagulation Factor I OR Factor I gamma-Fibrinogen).mp.
D.10	Coagulation factor VII	exp Factor VII/
		(Factor VII OR Factor Seven OR Proconvertin OR Stable Factor).mp.
D.11	Cortisol	Hydrocortisone/ (Hydrocortisone OR Cortisol OR 11-Epicortisol).mp.
D.12	HPA axis	(HPA axis).mp.
D.13	BDNF	Brain-Derived Neurotrophic Factor/
		(Brain-Derived Neurotrophic Factor OR BDNF).mp.
D.14	TSH	exp Thyrotropin/ OR Hypothyroidism/
		(Thyrotropin OR TSH OR Thyroid Stimulating Hormone OR Thyroid-Stimulating Hormone OR Thyrotropin OR Hypothyroidism).mp.
D.15	Heart rythm	exp Heart Rate/
		(Heart Rate* OR Pulse Rate* OR HR OR HF OR Heart frequency OR Cardiac Chronotrop*).mp.

Search strategy – MEDLINE

Psycinfo - June 27, 2019		
Concept	Search strategy	In
A	{Anxiety Disorders} OR {Generalized Anxiety Disorder} OR {Separation Anxiety Disorder} OR {Social Phobia}	Index Terms
	(Anxiety NEAR/1 disorder OR Anxiety NEAR/1 Neuroses OR Agoraphobia OR Separation NEAR/1 Anxiety OR Neurocirculatory NEAR/1 Asthenia OR Effort NEAR/1 Syndrome OR Cardiac NEAR/1 Neurosis OR Neurotic NEAR/1 Disorders OR Obsessive-Compulsive NEAR/1 Disorder OR Panic NEAR/1 Disorder OR Panic NEAR/1 Attack OR Phobic NEAR/1 Disorders OR Phobia OR Claustrophobia OR Social NEAR/1 Phobia)	Any Field
B	{Posttraumatic Stress Disorder} OR {Complex PTSD} OR {DESNOS}	Index Terms
	"Post-Traumatic Stress Disorders" OR "Post-Traumatic Stress Disorder" OR PTSD OR "Moral injury" OR "Moral Injuries"	Any Field
	(Posttraumatic NEAR/1 Neuro*) or (Post NEAR/1 trauma* NEAR/1 Neuro*) OR (Posttraumatic NEAR/1 stress*) or (Post NEAR/1 trauma* NEAR/1 stress*)	Any Field
C	{Myocardial Infarctions} OR {Coronary Thromboses} OR {Hypertension} OR {Essential Hypertension}	Index Terms
	(Myocardial NEAR/1 Infarct* OR Cardiovascular NEAR/1 Stroke* OR Heart NEAR/1 Attack* OR Coronary NEAR/1 Thrombos* OR Atheroscleros* OR Cardiogenic NEAR/1 Shock OR Atherogenesis OR Hypertension OR "High Blood Pressure" OR "Coronary Artery Disease")	Any Field
D.1	{Vagus Nerve} OR {Parasympathetic Nervous System} OR {Autonomic Nervous System} OR {Sympathetic Nervous System} OR {Cholinergic Nerves} OR {Autonomic Ganglia} OR {Adrenergic Nerves}	Index Terms
	("Autonomic Nervous System*" OR "Visceral Nervous System*" OR "Vegetative Nervous System*")	Any Field
	{Norepinephrine}	Index Terms
	(Noradrenaline OR Norepinephrine)	Any Field
	{Epinephrine}	Index Terms
	(Adrenaline OR Epinephrine)	Any Field

D.2	{Heart Rate Variability}	Index Terms
	("Heart rate variability" OR Heart rate NEAR/1 variability)	Any Field
D.3	"Baroreceptor Sensitivit*"	Any Field
D.4	{Inflammation}	Index Terms
	"Inflammation*"	Any Field
D.5	(C-Reactive NEAR/1 Protein OR CRP)	Any Field
D.6	("Leukocyte*" OR "White Blood Cell*" OR "White Blood Corpuscle*" OR Neutrophil* OR "LE Cell*" OR "Neutrophil Band Cell*" OR Macrophage* OR Monocyte*)	Any Field
D.7	{Cytokines} OR {Interferons} OR {Interleukins} OR {Tumor Necrosis Factor}	Index Terms
	(Cytokine* OR Tumor Necrosis Factor OR TNF OR Interleukine OR Interleukine-1 OR IL1 OR IL-1 OR Interleukine-6 OR IL6 OR IL-6 OR Interleukine-2 OR IL2 OR IL-2 OR Interleukine-8 OR IL8 OR IL-8 OR Interleukine*).mp.	Any Field
D.8	{Lipoproteins}	Any Field
	(Low-density NEAR/1 lipoprotein* OR LDL* OR beta-Lipoprotein*)	Any Field
D.9	(Fibrinogen* OR "Coagulation Factor I" OR "gamma-Fibrinogen")	Any Field
D.10	("Factor VI" OR "Factor Seven" OR Proconvertin)	Any Field
D.11	{Hydrocortisone}	Index Terms
	(Hydrocortisone OR Cortisol OR 11-Epicortisol)	Any Field
D.12	{Hypothalamic Pituitary Adrenal Axis}	Index Terms
	("Hypothalamic Pituitary Adrenal Axis" OR "HPA Axis")	Any Field
D.13	{Brain Derived Neurotrophic Factor}	Index Terms
	("Brain-Derived Neurotrophic Factor" OR BDNF)	Any Field
D.14	exp Thyrotropin/ OR Hypothyroidism/	Index Terms
	(Thyrotropin OR TSH OR "Thyroid Stimulating Hormone" OR "Thyroid-Stimulating Hormone" OR Thyreotropin OR Hypothyroidism)	Any Field
D.15	{Heart Rate}	Index Terms
	("Heart Rate*" OR "Pulse Rate*" OR "Heart frequency" OR "Cardiac Chronotrop*")	Any Field

Search strategy – Psycinf.

CINHAL - June 27, 2019	
Concept	Énoncés de recherche
A	(MH "Anxiety Disorders+") OR (MH "Social Anxiety Disorders") OR (MH "Generalized Anxiety Disorder")
	"Anxiety disorder*" OR "Anxiety Neuroses" OR "Neurotic Anxiety State" OR "Agoraphobia" OR "Separation Anxiety" OR "Separation Anxiety Disorder" OR "Neurocirculatory Asthenia" OR "Effort Syndrome" OR "Cardiac Neurosis" OR "Cardiac Neuroses" OR "Hyperkinetic Heart Syndrome" OR "Neurotic Disorders" OR "Obsessive-Compulsive Disorder" OR "Panic Disorder" OR "Panic Attack" OR "Phobic Disorders" OR "Phobia" OR "Claustrophobia" OR "Social Phobia" OR "Social Anxiety Disorder"
B	(MH "Stress Disorders, Post-Traumatic+")
	"Post-Traumatic Stress Disorders" OR "Post-Traumatic Stress Disorder" OR PTSD OR "Moral injury" OR "Moral Injuries" (Posttraumatic N1 Neuro*) or (Post N1 trauma* N1 Neuro*) OR (Posttraumatic N1 stress*) or (Post N1 trauma* N1 stress*)
C	(MH "Myocardial Infarction+") OR (MH "Myocardial Ischemia+") OR (MH "Coronary Thrombosis") OR (MH "Atherosclerosis") OR (MH "Coronary Arteriosclerosis") OR (MH "Hypertension+")
	"Myocardial Infarct*" OR "Cardiovascular Stroke*" OR "Heart Attack*" OR "Coronary Thrombos*" OR "Atheroscleros*" OR "Cardiogenic Shock" OR "No-Reflow Phenomenon" OR "Atherogenesis" OR "Hypertension" OR "High Blood Pressure" OR "Coronary Artery Disease"

D.1	(MH "Vagus Nerve+") OR (MH "Ganglia, Autonomic") OR (MH "Parasympathetic Nervous System+") OR (MH "Sympathetic Nervous System")
	"Autonomic Nervous System*" OR "Visceral Nervous System*" OR "Vegetative Nervous System"
	(MH "Norepinephrine") OR (MH "Catecholamines+")
	"Noradrenaline" OR "Norepinephrine"
	(MH "Epinephrine+")
	"Adrenaline" OR "Epinephrine"
D.2	(MH "Heart Rate Variability")
	"Heart rate variability" OR "Heart-rate variability" OR "HRV"
D.3	"Baroreceptor Sensitivity"
D.4	(MH "Inflammation+") OR (MH "Inflammation Mediators+")
	"Inflammation"
D.5	(MH "C-Reactive Protein")
	"C-Reactive Protein"
D.6	(MH "Leukocytes+") OR (MH "Leukocyte Count+") OR (MH "Leukocytes, Mononuclear+") OR (MH "Macrophages") OR (MH "Monocytes")
	"Leukocyte*" OR "White Blood Cell*" OR "White Blood Corpuscle*" OR "Neutrophil*" OR "LE Cell*" OR "Neutrophil Band Cell*" OR "Macrophage*" OR "Monocyte"
D.7	(MH "Cytokines+") OR (MH "Chemokines") OR (MH "Tumor Necrosis Factor") OR (MH "Janus Kinases") OR (MH "Interleukin 1") OR (MH "Interleukins+") OR (MH "Interleukin 3") OR (MH "Interleukin 2")
	"Cytokine*" OR "Tumor Necrosis Factor" OR "TNF" OR "Interleukine" OR "Interleukine-1" OR "IL1" OR "IL-1" OR "Interleukine-6" OR "IL6" OR "IL-6" OR "Interleukine-2" OR "IL2" OR "IL-2" OR "Interleukine-8" OR "IL8" OR "IL-8" OR "Interleukine"
D.8	(MH "Lipoproteins, LDL+") OR (MH "Lipoproteins, LDL Cholesterol")
	"Low-density lipoprotein*" OR "LDL*" OR "beta-Lipoprotein"
D.9	(MH "Fibrinogen+")
	"Fibrinogen*" OR "Coagulation Factor I" OR "Factor I" OR "gamma-Fibrinogen"
D.10	"Fibrinogen*" OR "Coagulation Factor I" OR "Factor I" OR "gamma-Fibrinogen"
D.11	(MH "Hydrocortisone")
	"Hydrocortisone" OR "Cortisol" OR "11-Epicortisol"
D.12	"Hypothalamic Pituitary Adrenal Axis" OR "HPA axis"
D.13	(MH "Brain-Derived Neurotrophic Factor")
	"Brain-Derived Neurotrophic Factor" OR "BDNF"
D.14	(MH "Thyrotropin") OR (MH "Hypothyroidism+")
	"Thyrotropin" OR "TSH" OR "Thyroid Stimulating Hormone" OR "Thyroid-Stimulating Hormone" OR "Thyreotropin" OR "Hypothyroidism"
D.15	(MH "Heart Rate+")
	"Heart Rate*" OR "Pulse Rate*" OR "Heart frequency" OR "Cardiac Chronotrop"

Search strategy - CINAHL