

Table S1: Concepts

Virtual Reality Therapy	Biofeedback	Mental Disorders
Descripteurs (MeSH) "Virtual Reality Exposure Therapy"[Mesh] "Avatar"[Mesh] "Augmented Reality"[Mesh] Mots clés (résumés/titres) Virtual reality VR Avatar(s) Computer-simulated Augmented reality Computer-generated Immersive digital Synthetic reality <i>ADJ</i> Exposure Therapy(ies) Psychotherapy(ies) Environment(s) Rehabilitation Intervention(s) Treatment(s) VRET	Descripteurs (MeSH) "Biofeedback, Psychology"[Mesh] "Feedback, Physiological"[Mesh] "Biosensing Techniques"[Mesh:NoExp] "Arousal"[Mesh] "Heart Rate"[Mesh] "Galvanic Skin Response"[Mesh] "Body Temperature"[Mesh] "Respiratory Rate"[Mesh] "Electroencephalography"[Mesh] Mots clés (résumés/titres) Biofeedback(s) Neurofeedback(s) Arousal Emotion(al) measure(s) Valence Biosignal(s) Biosensing Physiologic(al) <i>ADJ</i> Measure(s) Reactivity Factor(s) Change(s) Indice(s) Feedback(s) Response(s) Signal(s)	Descripteurs (MeSH) "Mental Disorders"[Mesh] "Psychiatry"[Mesh] Mots clés (résumés/titres) Mental(ly) Psychiatry Psychiatric Psychological Anxiety Panic Phobia(s) Agoraphobia(s) Depression Mood Affective Bipolar Psychosis Psychotic Schizophrenia Personality disorder(s)

	Heart rate Cardiac rate Tactile Galvanic skin skin conductance Respiratory rate Respiration Breathing Body Temperature electroencephalography EEG	
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Concept 1

"Virtual Reality Exposure Therapy"[Mesh] OR "Avatar"[Mesh] OR "Augmented Reality"[Mesh] OR "virtual reality exposure"[TIAB:~3] OR "virtual reality therapy"[TIAB:~3] OR "virtual reality therapies"[TIAB:~3] OR "virtual reality psychotherapy"[TIAB:~3] OR "virtual reality psychotherapies"[TIAB:~3] OR "virtual reality environment"[TIAB:~3] OR "virtual reality environments"[TIAB:~3] OR "virtual reality rehabilitation"[TIAB:~3] OR "virtual reality intervention"[TIAB:~3] OR "virtual reality interventions"[TIAB:~3] OR "virtual reality treatment"[TIAB:~3] OR "virtual reality treatments"[TIAB:~3] OR "vr exposure"[TIAB:~3] OR "vr therapy"[TIAB:~3] OR "vr therapies"[TIAB:~3] OR "vr psychotherapy"[TIAB:~3] OR "vr psychotherapies"[TIAB:~3] OR "vr environment"[TIAB:~3] OR "vr environments"[TIAB:~3] OR "vr rehabilitation"[TIAB:~3] OR "vr intervention"[TIAB:~3] OR "vr interventions"[TIAB:~3] OR "vr treatment"[TIAB:~3] OR "vr treatments"[TIAB:~3] OR VRET[TIAB] OR "avatar therapy"[TIAB:~3] OR "avatars therapy"[TIAB:~3] OR "avatar therapies"[TIAB:~3] OR "avatars therapies"[TIAB:~3] OR "avatar psychotherapy"[TIAB:~3] OR "avatars psychotherapy"[TIAB:~3] OR "avatar psychotherapies"[TIAB:~3] OR "avatars psychotherapies"[TIAB:~3] OR "avatar rehabilitation"[TIAB:~3] OR "avatars rehabilitation"[TIAB:~3] OR "avatar intervention"[TIAB:~3] OR "avatars intervention"[TIAB:~3] OR "avatar interventions"[TIAB:~3] OR "avatars interventions"[TIAB:~3] OR "avatar treatment"[TIAB:~3] OR "avatar treatments"[TIAB:~3] OR "avatars treatment"[TIAB:~3] OR "avatars treatments"[TIAB:~3] OR "computer-simulated exposure"[TIAB:~3] OR "computer-simulated therapy"[TIAB:~3] OR "computer-simulated therapies"[TIAB:~3] OR "computer-simulated psychotherapy"[TIAB:~3] OR "computer-simulated psychotherapies"[TIAB:~3] OR "computer-simulated environment"[TIAB:~3] OR "computer-simulated environments"[TIAB:~3] OR "computer-simulated rehabilitation"[TIAB:~3] OR "computer-simulated intervention"[TIAB:~3] OR "computer-simulated interventions"[TIAB:~3] OR "computer-simulated treatment"[TIAB:~3] OR "computer-simulated

treatments"[TIAB:~3] OR "augmented reality exposure"[TIAB:~3] OR "augmented reality therapy"[TIAB:~3] OR "augmented reality therapies"[TIAB:~3] OR "augmented reality psychotherapy"[TIAB:~3] OR "augmented reality psychotherapies"[TIAB:~3] OR "augmented reality environment"[TIAB:~3] OR "augmented reality environments"[TIAB:~3] OR "augmented reality rehabilitation"[TIAB:~3] OR "augmented reality intervention"[TIAB:~3] OR "augmented reality interventions"[TIAB:~3] OR "augmented reality treatment"[TIAB:~3] OR "augmented reality treatments"[TIAB:~3] OR "computer-generated exposure"[TIAB:~3] OR "computer-generated therapy"[TIAB:~3] OR "computer-generated therapies"[TIAB:~3] OR "computer-generated psychotherapy"[TIAB:~3] OR "computer-generated psychotherapies"[TIAB:~3] OR "computer-generated environment"[TIAB:~3] OR "computer-generated environments"[TIAB:~3] OR "computer-generated rehabilitation"[TIAB:~3] OR "computer-generated intervention"[TIAB:~3] OR "computer-generated interventions"[TIAB:~3] OR "computer-generated treatment"[TIAB:~3] OR "computer-generated treatments"[TIAB:~3] OR "immersive digital exposure"[TIAB:~3] OR "immersive digital therapy"[TIAB:~3] OR "immersive digital therapies"[TIAB:~3] OR "immersive digital psychotherapy"[TIAB:~3] OR "immersive digital psychotherapies"[TIAB:~3] OR "immersive digital environment"[TIAB:~3] OR "immersive digital environments"[TIAB:~3] OR "immersive digital rehabilitation"[TIAB:~3] OR "immersive digital intervention"[TIAB:~3] OR "immersive digital interventions"[TIAB:~3] OR "immersive digital treatment"[TIAB:~3] OR "immersive digital treatments"[TIAB:~3] OR "synthetic reality exposure"[TIAB:~3] OR "synthetic reality therapy"[TIAB:~3] OR "synthetic reality therapies"[TIAB:~3] OR "synthetic reality psychotherapy"[TIAB:~3] OR "synthetic reality psychotherapies"[TIAB:~3] OR "synthetic reality environment"[TIAB:~3] OR "synthetic reality environments"[TIAB:~3] OR "synthetic reality rehabilitation"[TIAB:~3] OR "synthetic reality intervention"[TIAB:~3] OR "synthetic reality interventions"[TIAB:~3] OR "synthetic reality treatment"[TIAB:~3] OR "synthetic reality treatments"[TIAB:~3]

Concept 2

"Biofeedback, Psychology"[Mesh] OR "Feedback, Physiological"[Mesh] OR "Biosensing Techniques"[Mesh:NoExp] OR "Arousal"[Mesh] OR "Heart Rate"[Mesh] OR "Galvanic Skin Response"[Mesh] OR "Body Temperature"[Mesh] OR "Respiratory Rate"[Mesh] OR "Electroencephalography"[Mesh] OR biofeedback*[TIAB] OR neurofeedback*[TIAB] OR arousal[TIAB] OR "emotional measure*[TIAB] OR "emotion measure*[TIAB] OR valence[TIAB] OR biosignal*[TIAB] OR biosensing[TIAB] OR "physiological measure"[TIAB:~3] OR "physiological measures"[TIAB:~3] OR "physiological reactivity"[TIAB:~3] OR "physiological factor"[TIAB:~3] OR "physiological factors"[TIAB:~3] OR "physiological change"[TIAB:~3] OR "physiological changes"[TIAB:~3] OR "physiological indice"[TIAB:~3] OR "physiological indices"[TIAB:~3] OR "physiological feedback"[TIAB:~3] OR "physiological feedbacks"[TIAB:~3] OR "physiological response"[TIAB:~3] OR "physiological responses"[TIAB:~3] OR "physiological signal"[TIAB:~3] OR "physiological signals"[TIAB:~3] OR "physiologic measure"[TIAB:~3] OR

"physiologic measures"[TIAB:~3] OR "physiologic reactivity"[TIAB:~3] OR "physiologic factor"[TIAB:~3] OR "physiologic factors"[TIAB:~3] OR "physiologic change"[TIAB:~3] OR "physiologic changes"[TIAB:~3] OR "physiologic indice"[TIAB:~3] OR "physiologic indices"[TIAB:~3] OR "physiologic feedback"[TIAB:~3] OR "physiologic feedbacks"[TIAB:~3] OR "physiologic response"[TIAB:~3] OR "physiologic responses"[TIAB:~3] OR "physiologic signal"[TIAB:~3] OR "physiologic signals"[TIAB:~3] OR "heart rate"[TIAB] OR "cardiac rate"[TIAB] OR tactile[TIAB] OR "galvanic skin"[TIAB] OR "skin conductance"[TIAB] OR "respiratory rate"[TIAB] OR respiration[TIAB] OR breathing[TIAB] OR "body temperature"[TIAB] OR electroencephalography[TIAB] OR electro-encephalography[TIAB] OR EEG[TIAB]

Concept 3

"Mental Disorders"[Mesh] OR "Psychiatry"[Mesh] OR mental[TIAB] OR mentally[TIAB] OR psychiatry[TIAB] OR psychiatric[TIAB] OR psychological[TIAB] OR anxiety[TIAB] OR panic[TIAB] OR phobia*[TIAB] OR agoraphobia*[TIAB] OR depression[TIAB] OR mood[TIAB] OR affective[TIAB] OR bipolar[TIAB] OR psychosis[TIAB] OR psychotic[TIAB] OR schizo*[TIAB] OR "personality disorder"[TIAB]

Open vocabulary, other databases

Concept 1

((virtual reality OR VR OR Avatar* OR "Computer-simulated" OR "Augmented reality" OR "Computer-generated" OR "Immersive digital" OR "Synthetic reality") ADJ3 (exposure OR therapy OR therapies OR psychotherapy OR psychotherapies OR environment* OR rehabilitation OR intervention* OR treatment*)) OR VRET

Concept 2

biofeedback* OR neurofeedback* OR arousal OR "emotional measure*" OR "emotion measure*" OR valence OR biosignal* OR biosensing OR (Psychologic* ADJ3 (measure* OR reactivity OR factor* OR change* OR indice* OR feedback* OR response* OR signal OR signals)) OR "heart rate" OR "cardiac rate" OR tactile OR "galvanic skin" OR "skin conductance" OR "respiratory rate" OR respiration OR breathing OR "body temperature" OR electroencephalography OR electro-encephalography OR EEG

Concept 3

Mental OR mentally OR psychiatry OR psychiatric OR psychological OR anxiety OR panic OR phobia* OR agoraphobia* OR depression OR mood OR affective OR bipolar OR psychosis OR psychotic OR schizo* OR "personality disorder"