

## SUPPLEMENTAL MATERIAL 1

### SCOPUS search strategy

final search: 6

1	TITLE ( digital OR computer OR software OR tablet OR app OR videogame OR seriousgame OR virtualreality )	825,580 results
2	( TITLE-ABS-KEY ( mental AND health ) AND TITLE-ABS-KEY ( addiction OR dependence OR substance OR drug ) )	91,262 results
3	#1 and #2	403 results
4	#3 AND ( LIMIT-TO ( PUBYEAR , 2020 ) OR LIMIT-TO ( PUBYEAR , 2019 ) OR LIMIT-TO ( PUBYEAR , 2018 ) OR LIMIT-TO ( PUBYEAR , 2017 ) OR LIMIT-TO ( PUBYEAR , 2016 ) OR LIMIT-TO ( PUBYEAR , 2015 ) OR LIMIT-TO ( PUBYEAR , 2014 ) OR LIMIT-TO ( PUBYEAR , 2013 ) OR LIMIT-TO ( PUBYEAR , 2012 ) OR LIMIT-TO ( PUBYEAR , 2011 ) OR LIMIT-TO ( PUBYEAR , 2010 ) )	198 results
5	#4 AND ( LIMIT-TO ( DOCTYPE , "ar" ) ) AND ( LIMIT-TO ( LANGUAGE , "english" ) OR LIMIT-TO ( LANGUAGE , "italian" ) OR LIMIT-TO ( LANGUAGE , "spanish" ) ) AND ( LIMIT-TO ( SRCTYPE , "j" ) )	135 results
6	#5 after manually removing review articles, comments and editorials	96 results

### PsycInfo search strategy

Database - CINAHL Complete;APA PsycArticles;APA PsycInfo;Psychology and Behavioral Sciences Collection;American Bibliography of Slavic, East European, and Eurasian Studies;Dentistry & Oral Sciences Source;eBook Collection (EBSCOhost);RILM Abstracts of Music Literature

final search: s7

s1	TI digital OR computer OR software OR tablet OR app OR videogame OR seriousgame OR virtualreality	107,407 results
s2	AB mental AND health	415,190 results
s3	AB addiction OR dependence OR substance OR drug	765,313 results
s4	s1 and s2 and s3	504 results
s5	s4 from 2010 to 2020	306
s6	s5 only english	299
s7	s6 after manually removing review articles, book chapters, congress articles, comments and editorials	290

### Web of Science search strategy

final search: #6

#1	digital OR computer OR software OR tablet OR app OR videogame OR seriousgame OR virtualreality (Title)	551,334 results
#2	AB=(mental AND health)	217,939 results
#3	AB=(addiction OR dependence OR substance OR drug)	2,554,591 results
#4	#1 and #2 and #3	140 results
#5	#1 and #2 and #3 and 2022 or 2021 or 2020 or 2019 or 2018 or 2017 or 2016 or 2015 or 2014 or 2012 or 2011 or 2010 (Publication Years) and English or Spanish (Languages)	133 results



[illegible]

methodology and design	pre-post training																	yes	yes
	subgroups/conditions	yes	yes	no	yes	yes	yes	no	no	no	no	yes	yes	no	yes	no	yes	no	yes
	randomized	yes	yes	no	yes	yes	yes	no	no	no	no	yes	no	no	yes	no	yes	no	yes
	control group/condition	yes	no	no	no	yes	yes	no	no	no	no	yes	no	no	yes	no	yes	no	yes
	placebo condition	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
results	evidence of utility at least for one outcome	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no
	evidence of utility comparing groups/conditions	yes	yes	no comparison	yes	yes	no	no comparison	no comparison	no comparison	no comparison	no comparison	no comparison	no comparison	yes	no comparison	no comparison	no comparison	no

[illegible]

models for digital treatme nts	IVR (Interactive Voice Response)	yes																	
	D-RSS (digital recovery support services)			yes															
	informative intervention				yes									yes					
	e-learning					yes													
	CBI (computer guided theapy)						yes												
	CBT (Cognitive Behavioral Therapy)				yes			yes	yes	yes	yes	yes	yes						
	SDT (Self- Determinati on Therapy)										yes								
	HAPA (health action process approach) model												yes						
	IMB (Information -Motivation- Behavior) model													yes					
	ESCAPE (Effectivene ss of computer- tailored Smoking Cessation Advice in Primary Care)																yes		
	Attentional Bias																	yes	yes
outcom es	validated measures	yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes				yes	yes
	frequency of use	yes	yes		yes		yes	yes	yes			yes		yes	yes	yes	yes		
	abstinence			yes	yes	yes													
	recovery measures			yes				yes	yes	yes	yes								
	toxicology test	yes										yes			yes				
method ology and design	follow-up	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
	pre-post training																	yes	yes
	subgroups/c onditions	yes	yes	no	yes	yes	yes	no	no	no	no	yes	yes	no	yes	no	yes	no	yes
	randomized	yes	yes	no	yes	yes	yes	no	no	no	no	yes	no	no	yes	no	yes	no	yes
	control group/condit ion	yes	no	no	no	yes	yes	no	no	no	no	yes	no	no	yes	no	yes	no	yes

	<i>placebo condition</i>	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
<b>results</b>	<i>evidence of utility at least for one outcome</i>	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no
	<i>evidence of utility comparing groups/conditions</i>	yes	yes	no comparison	yes	yes	no	no comparison	no comparison	no comparison	no comparison	no comparison	no comparison	no comparison	yes	no comparison	no comparison	no comparison	no