Set#	Search string
1 Population	Child[MeSH] OR Adolescent[MeSH]
2 Treatment method	Health Promotion[MeSH] OR intervention[tw] OR trial[tw] OR program[tw]
3 Treatment objective	*mhealth*
	Telemedicine[MeSH] OR digital health[tw] OR Mobile Applications[MeSH] OR mobile phone*[tw] OR smartphone*[tw] OR iPhone*[tw] OR iPad*[tw] OR tablet*[tw] OR android[tw] OR sms[tw] OR text messag*[tw] OR Reminder Systems[MeSH]
	wearable activity trackers
	wearable device[tw] OR wearable act*[tw] OR wearable track*[tw] OR electronic track*[tw] OR electronic activ*[tw] OR health track*[tw] OR FitBit[tw] OR Jawbone[tw] OR Garmin vivofit[tw] OR fitness track*[tw] OR physical fitness track*[tw] OR activity track*[tw] OR activity monitors[tw]
4 Outcome variable	Physical Fitness[MeSH] OR Exercise[MeSH] OR energy expenditure[tw] *OR physical activity[tw]*
5	(#1 AND #2 AND #3 AND #4)
6	limit #5 to publication dates (01.2012 to 12.2016), English-language, and human

Note: physical activity[tw] only searched in CENTRAL database, because over MeSH heading not covered