

Supplementary Table 1 Excluded studies with reasons

Reference	Reason for exclusion
Paton , et al. (2013)[53]	Wrong publication type – letter
Williams (2011)[54]	Wrong publication type – not a journal article
Dietrich, et al. (2017)[55]	Wrong study design – no experience-gathering, only design.
Truman and Raine (2002)[56]	Wrong study design – no design, only experience gathering.
Vechakul, et al. (2015)[57]	Wrong study design – experiences of the design team only
Outlaw, et al. (2018)[58]	Wrong population – no design , only experiences gathered
Palmer, et al. (2018)[59]	Wrong publication type – description of a model, not a study
Palmer, et al. (2015)[60]	Wrong publication type – protocol only
Harrington, et al. (2018)[61]	Wrong population – only service-users involved (no co-design), conference paper
Davies, et al. (2016)[62]	Wrong publication type – no health service design
Richard, et al. (2017)[29]	Wrong publication type – protocol only