

Table 1 Examples of studies illustrating the potential of mHealth

Area	Sample	Methods	Data type	Refs
Skin cancer care	228 participants aged 50–64 years at high risk of melanoma	Mobile dermoscopes	Questionnaire Preteledermoscopy and skin self-photographs	(12)
Tuberculosis diagnostics	4701 images (4248 with manifestations) from Peru	Mobile computing and deep learning	Image capturing and transmission by mobile device. Annotated X-ray. Images and data analytics	(13)
Multimedia mHealth application	Users of hyperbaric oxygen therapy chamber	Virtual reality	3D stereoscopic virtual reality glasses and immersive perception	(14)
Internet of Things	23 patients	Wearable devices and mobile apps to monitor oxygen saturation and heart rate	An alarm was sent to clinicians in the event of oxygen saturation below 90%, heart rate above 140 or below 60 bpm	(15)