

Electronic Supplement

Table S1: Survey items and answering options

1	Gender identity	Men, women, diverse
2	Age	In years
3	Peripheral arterial disease diagnosed (known) since	In years
4	Chronic limb-threatening ischaemia (wound healing disorders, diabetic foot ulcers)	Yes, no
5	What is your highest education degree?	Prefer not to say, no associate degree, final apprenticeship examination, technical college degree diploma, bachelor's degree or similar, master's degree or similar, promotion (thesis)
6	What is your main living region?	Rural, intermediate, urban
7	What is your preferred source of health-related information?	Television, internet, newspaper, radio, other
8	Have you changed your health behaviour since you were informed about the diagnosis peripheral arterial disease?	Yes, no
9	Do you own a smartphone?	Yes, no
10	If yes: Do you use mobile applications ("apps")?	Yes, no
11	Have you ever used health-related digital and mobile applications ("mHealth")?	Yes, no
12	Do you need regular user support (assistance) to use your smartphone?	Yes, no
13	Do you own a wearable (e.g., smartwatch, heart rate monitor, pedometer)?	Yes, no
14	What is your opinion: Could mHealth and technologies which observe and process your behaviour help to improve your healthy lifestyle?	Yes, maybe, no
15	Do you know the reason for each of your medical prescriptions?	Yes, maybe, no

Table S2: Comparison of baseline characteristics between 12 university institutions, one non-academic institution, and an outpatient cohort. CI: Confidence interval. OPT: Optimal pharmacological treatment.

	GermanVasc Kotov et al. 2021	BARMER Claims Peters et al. 2020	University institutions	Non-academic institution	Outpatient facility
Number of patients	5608	83867	298	28	47
Female sex, % (95% CI)	34.0%	45.8%	28.9 (23.7- 34.5)	33.3 (16.5- 54.0)	42.6 (28.3-57.8)
Median age, years (interquartile range)	69	71.9	70 (62-78)	69.5 (64.5- 79.75)	74 (68-80)
Chronic limb- threatening ischaemia, % (95% CI)	29.9%	46%	65.3 (59.4- 71.0)	73.1 (52.2- 88.4)	45.7 (30.9-61.0)
Smartphone use, % (95% CI)	NA	NA	67.0 (61.3- 72.4)	64.3 (44.1- 81.4)	57.4 (42.2-71.7)