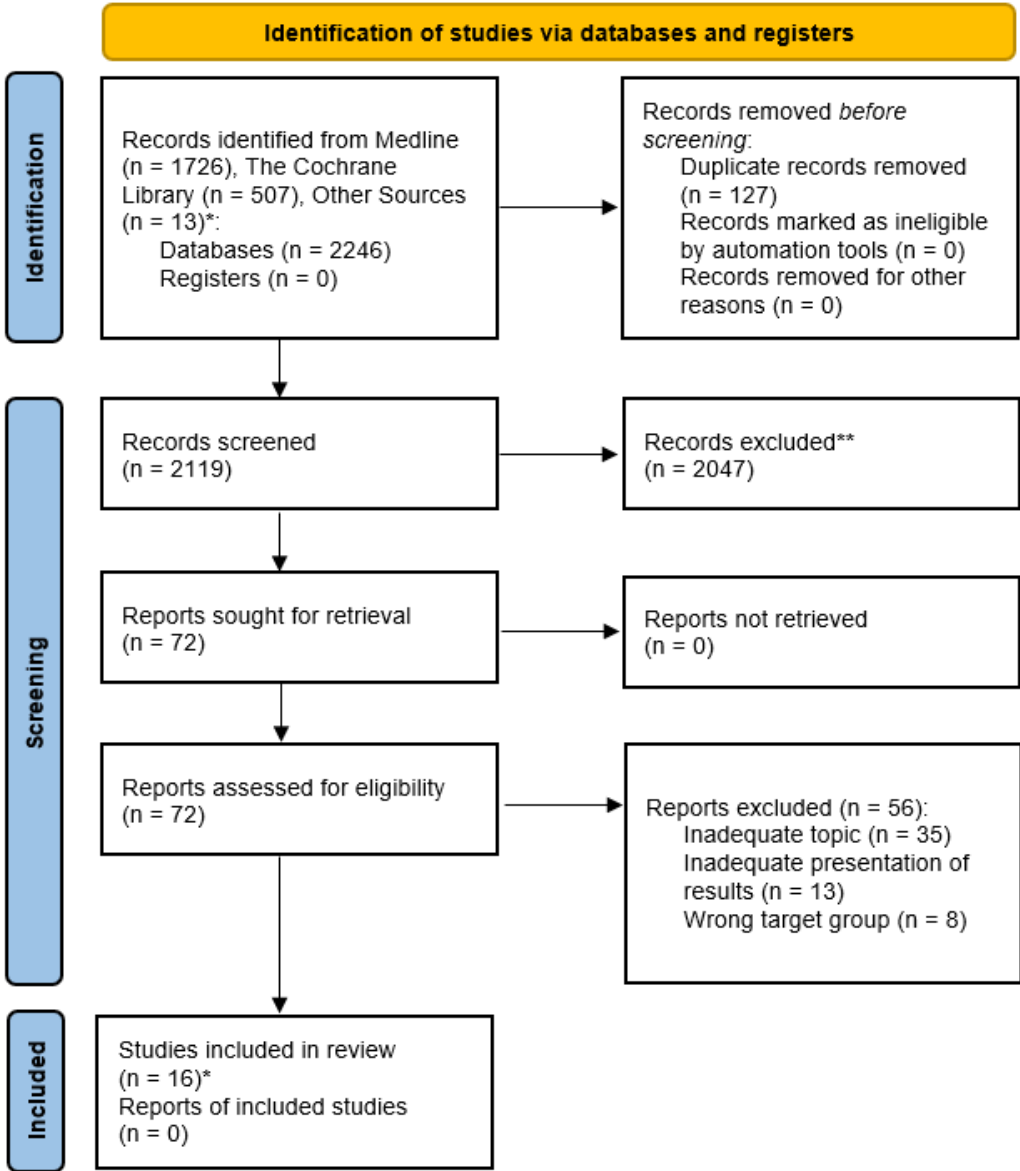


Supplementary Material

Supplementary Material 1. PRISMA 2020 flow diagram regarding the preliminary systematic literature review



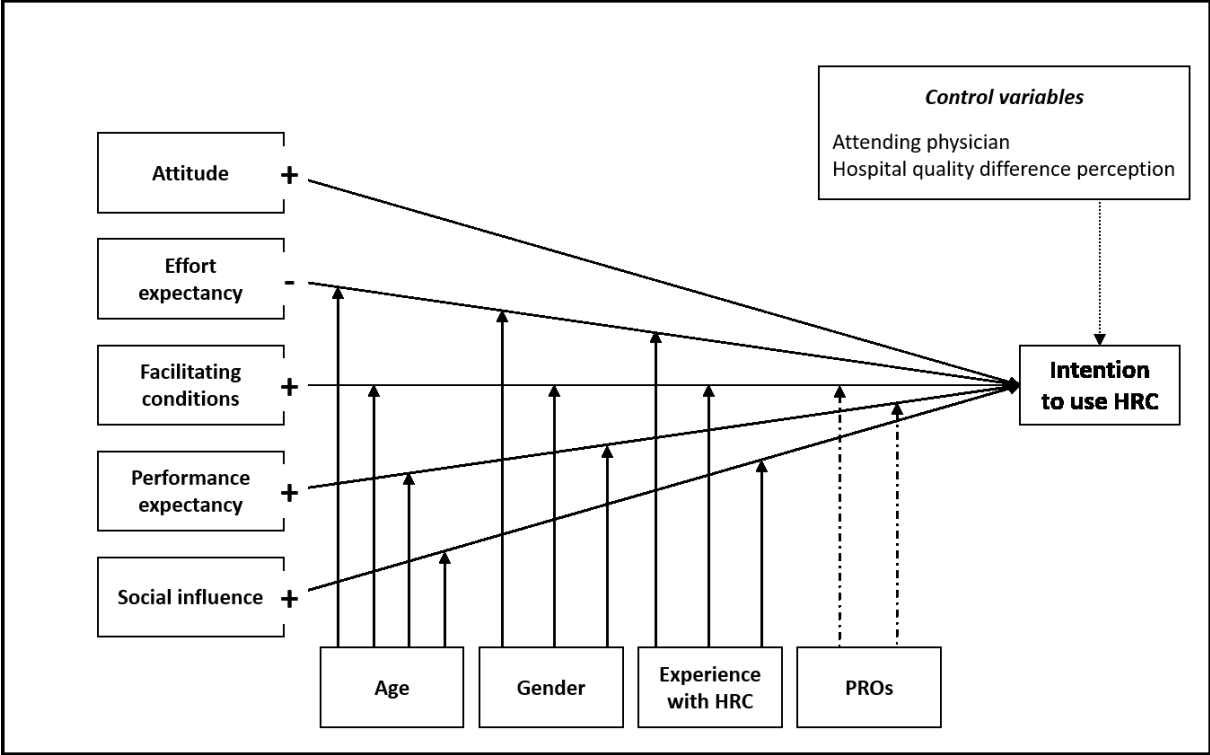
*Consider, if feasible to do so, reporting the number of records identified from each database or register searched (rather than the total number across all databases/registers).

**If automation tools were used, indicate how many records were excluded by a human and how many were excluded by automation tools.

Supplementary Material 2. Overview of relevant criteria for referring patients into hospitals from the perspective of referring physicians (literature-based results)

Nr	Criteria for hospital referral decision making	Relevance (literature-based)
1	Patient travel distance to the hospital	Middle
2	Distance from physician's practice to the hospital	Low
3	Teaching hospital	Low
4	Further medical training (hospital doctors)	Middle
5	Hygiene measures resp. infection rates	Middle
6	Medical equipment	Middle
7	The number of cases treated	High
8	Range of medical services	Middle
9	Number of specialists	Middle
10	Endocert Certificate	Middle
11	Mortality rate	Low
12	Complication rate	High
13	Indirect Complication rate	Middle
14	Confirmed diagnosis (hip surgery) rate	Middle
15	Prevention of falls measures	Middle
16	Mobility at hospital discharge	Middle
17	Ability to walk at hospital discharge	Middle
18	1-year revision surgery rate	Middle
19	Patient recommendation	Low
20	<i>Patient reported outcomes (PROs)</i>	<i>n.a.</i>

Supplementary Material 3. The research model

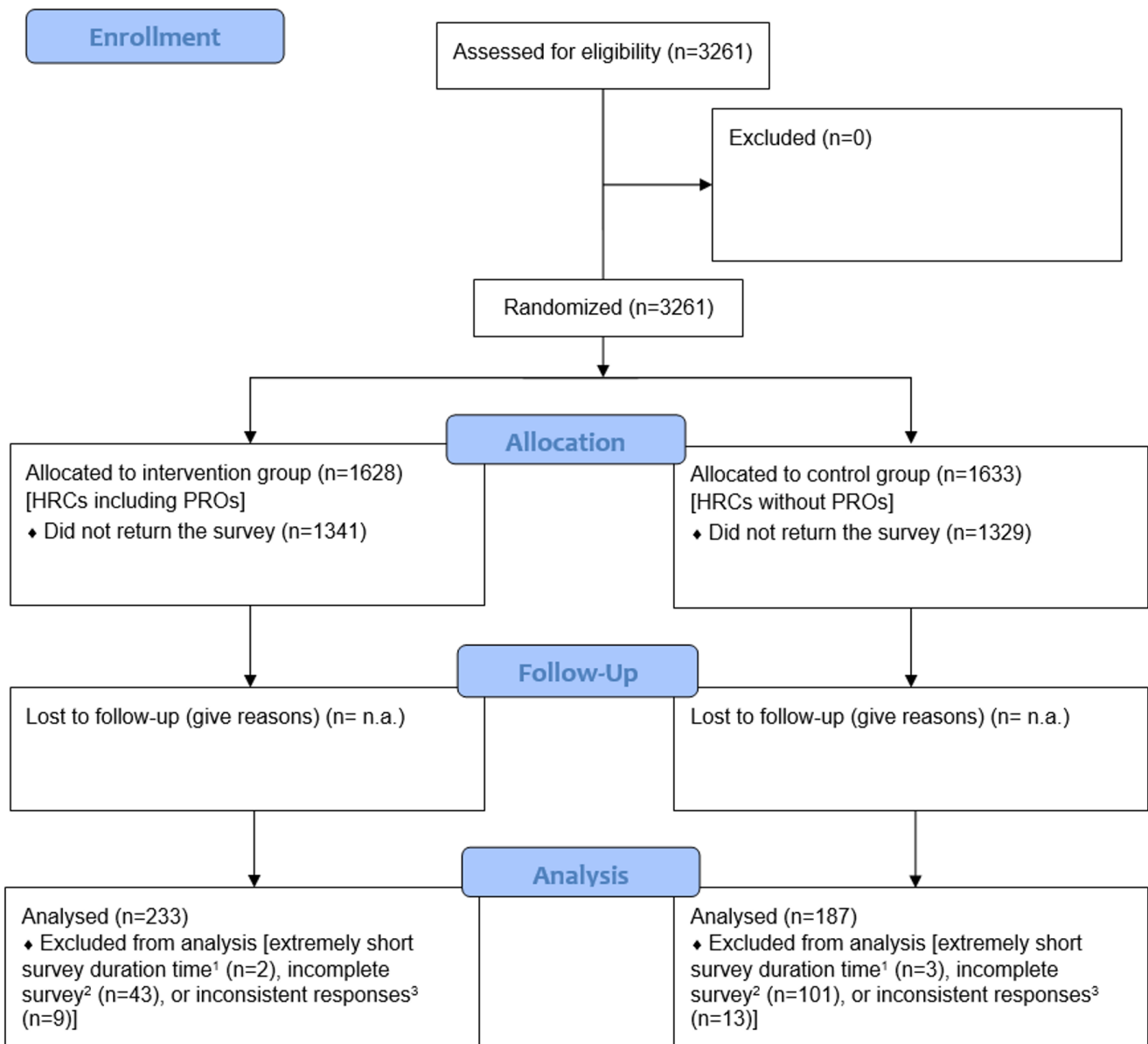


Supplementary Material 4. Correlations among main variables

	Age	Experience	Gender	PROs	AT	EE	FC	PE	SI	IU
Age	1.000	-0.017	-0.170	-0.025	-0.099	-0.126	-0.069	-0.032	-0.054	-0.002
Experience	-0.017	1.000	-0.020	0.002	0.037	0.081	0.051	0.028	-0.024	-0.035
Gender	-0.170	-0.020	1.000	0.044	0.085	-0.015	0.056	0.051	0.101	0.053
PROs display (yes/no)	-0.025	0.002	0.044	1.000	0.077	0.047	0.085	0.068	0.057	0.090
Attitude (AT)	-0.099	0.037	0.085	0.077	1.000	0.487	0.792	0.813	0.502	0.647
Effort expectancy (EE)	-0.126	0.081	-0.015	0.047	0.487	1.000	0.438	0.427	0.179	0.281
Facilitating conditions (FC)	-0.069	0.051	0.056	0.085	0.792	0.438	1.000	0.801	0.480	0.668
Performance expectancy (PE)	-0.032	0.028	0.051	0.068	0.813	0.427	0.801	1.000	0.536	0.708
Social influence (SI)	-0.054	-0.024	0.101	0.057	0.502	0.179	0.480	0.536	1.000	0.497
Intention to use (IU)	-0.002	-0.035	0.053	0.090	0.647	0.281	0.668	0.708	0.497	1.000
Cronbach's alpha	1.000	1.000	1.000	1.000	0.873	0.818	0.821	0.923	0.890	1.000
Composite reliability	1.000	1.000	1.000	1.000	0.908	0.877	0.917	0.946	0.924	1.000
AVE	1.000	1.000	1.000	1.000	0.665	0.642	0.848	0.813	0.751	1.000

Supplementary Material 5. CONSORT 2010 Flow Diagram

CONSORT 2010 Flow Diagram



Please note:

1 This includes the fastest survey responses (lowest 1% percentile)

2 We excluded surveys with missing UTAUT-related items

3 We excluded surveys with implausible response patterns (e.g., every UTAUT-related item was rated with the same response option)

Supplementary Material 6. Effects on HRC intention to use; multi-group analysis (without PROs vs. with PROs)

	No PROs (N=187; 44.5%)				With PROs (N=233; 55.5%)			
	<i>Path coefficient nt β</i>	<i>95% BCa CI^s</i>		<i>p- valu e</i>	<i>Path coefficient nt β</i>	<i>95% BCa CI^s</i>		<i>p- value</i>
Main effects								
Attitude	0.309	0.12 1	0.49 5	0.00 1	0.009	- 0.16 4	0.17 5	0.914
Effort expectancy	-0.065	- 0.16 5	0.05 4	0.25 7	-0.049	- 0.17 4	0.03 9	0.363
Facilitating conditions	0.192	- 0.02 2	0.39 8	0.07 3	0.224	0.06 0	0.40 2	0.013
Performance expectancy	0.249	0.05 6	0.48 9	0.02 2	0.466	0.28 1	0.64 5	<0.00 1
Social influence	0.093	- 0.04 5	0.22 7	0.18 3	0.131	0.02 1	0.23 6	0.016
Age	0.025	- 0.08 3	0.12 3	0.64 1	-0.017	- 0.10 9	0.07 1	0.702
Experience	-0.088	- 0.22 3	0.00 4	0.11 2	-0.044	- 0.13 9	0.05 8	0.378
Gender	-0.018	- 0.17 3	0.10 1	0.80 3	0.020	- 0.05 7	0.10 0	0.617

Control variables								
Attending doctor (practitioner with hospital affiliation)	0.030	-0.057	0.135	0.551	-0.019	-0.107	0.069	0.673
Hospital quality difference perception	-0.045	-0.129	0.045	0.296	-0.035	-0.117	0.035	0.360
Moderating effects								
Age x Effort expectancy	0.027	-0.064	0.169	0.643	-0.043	-0.191	0.093	0.566
Age x Facilitating conditions	0.023	-0.179	0.242	0.826	0.033	-0.116	0.170	0.651
Age x Performance expectancy	0.095	-0.157	0.315	0.428	0.046	-0.103	0.220	0.590
Age x Social influence	0.083	-0.079	0.259	0.330	0.062	-0.041	0.218	0.427
Experience x Effort expectancy	0.027	-0.118	0.119	0.633	-0.062	-0.177	0.057	0.297
Experience x Facilitating conditions	0.060	-0.060	0.206	0.393	-0.056	-0.158	0.051	0.292
Experience x Social influence	0.037	-0.104	0.151	0.570	-0.052	-0.198	0.019	0.452
Gender x Effort expectancy	0.113	-0.051	0.293	0.214	-0.023	-0.152	0.100	0.725
Gender x Facilitating conditions	0.064	-0.149	0.316	0.584	0.038	-0.070	0.209	0.598

Gender x Performance expectancy	-0.172	-0.473	0.044	0.163	-0.040	-0.201	0.102	0.612
R ² (in percent)	63.0				58.9			
^s Bootstrapping results (N=5000) for Bias Corrected Confidence Intervals								