

Table 2 Research fields and frequent words included in care technology or engineering

1921–1969			1970–1979			1980–1989			1990–1999			2000–2009			2010–2019		
6 Articles			51 Articles			75 Articles			235 Articles			367 Aarticles			1084 Articles		
	<i>n</i>	(%)		<i>n</i>	(%)		<i>n</i>	(%)		<i>n</i>	(%)		<i>n</i>	(%)		<i>n</i>	(%)
1. Research Field (until top 6)																	
Medicine—General Internal	3	(50.0)	Biomedical Engineering	10	(19.6)	Biomedical Engineering	13	(17.3)	Healthcare Science Services	64	(27.2)	Healthcare Science Services	104	(28.3)	Healthcare Science Services	207	(19.1)
Engineering Aerospace	1	(16.7)	Medicine—General Internal	9	(17.6)	Medicine—General Internal	10	(13.3)	Medical Informatics	52	(22.1)	Medical Informatics	54	(14.7)	Nursing	150	(13.8)
Psychiatry	1	(16.7)	Public Environmental Occupational Health	8	(15.7)	Health Policy Services	9	(12.0)	Public Environmental Occupational Health	32	(13.6)	Health Policy Services	51	(13.9)	Health Policy Services	112	(10.3)
Public Environmental Occupational Health	1	(16.7)	Health Policy Services	5	(9.8)	Public Environmental Occupational Health	8	(10.7)	Computer Science Information Systems	25	(10.6)	Public Environmental Occupational Health	50	(13.6)	Public Environmental Occupational Health	111	(10.2)
			Economics	3	(5.9)	Healthcare Science Services	7	(9.3)	Health Policy Services	24	(10.2)	Computer Science Information Systems	40	(10.9)	Medical Informatics	104	(9.6)
			Multidisciplinary Sciences	3	(5.9)	Medical Informatics	7	(9.3)	Medicine—General Internal	24	(10.2)	Nursing	34	(9.3)	Medicine—General Internal	67	(6.2)
2. Frequent Words: Verbs, Adjectives, Nouns, and Adverbs (until top 10)																	
child	2	(33.3)	health	37	(72.5)	health	41	(54.7)	health	145	(61.7)	health	190	(51.8)	health	454	(41.9)
health	2	(33.3)	medical	9	(17.6)	medical	14	(18.7)	information	41	(17.4)	information	91	(24.8)	information	197	(18.2)
medical	2	(33.3)	cost	6	(11.8)	cost	9	(12.0)	new	28	(11.9)	use	46	(12.5)	use	112	(10.3)
			new	5	(9.8)	system	7	(9.3)	cost/ home	15	(6.4)	new	32	(8.7)	primary	100	(9.2)
			need/ system	4	(7.8)	evaluation/ home	6	(8.0)	medical	14	(6.0)	assessment	30	(8.2)	study	96	(8.9)
						impact/ new/ use/ technology assessment	5	(6.7)	use	13	(5.5)	medical	27	(7.4)	patient	84	(7.7)
									care/ child	12	(5.1)	system	25	(6.8)	use	78	(7.2)
									assessment	11	(4.7)	improve	24	(6.5)	system	73	(6.7)
												patient	19	(5.2)	improve	72	(6.6)
												home/ quality	18	(4.9)	communication	60	(5.5)
Health, Medical			Cost			System			Information			Assessment			primary		
3. Prior or Two Previous Words before ‘Care’ (until top 10)																	
health	2	(33.3)	health	10	(19.6)	health	42	(56.0)	health	139	(59.1)	health	142	(38.7)	health	245	(22.6)
patient	1	(16.7)	medical	3	(5.9)	medical	8	(10.7)	home	12	(5.1)	intensive	17	(4.6)	primary	99	(9.1)
medical	1	(16.7)	animal/ community/ continuing/ engineering	1	(2.0)	home	5	(6.7)	critical	9	(3.8)	patient/ primary	14	(3.8)	intensive	50	(4.6)
child	1	(16.7)	orthopaedic/ engineering			intensive	3	(4.0)	intensive	7	(3.0)	point of	13	(3.5)	point of	45	(4.2)
			technical/ environmental/ home/ mental health/ special			health delivery/ patient/ mental health	2	(2.7)	eye/ manage	6	(2.6)	manage	11	(3.0)	patient	34	(3.1)
									primary	5	(2.1)	critical/ home/ medical/ quality	9	(2.5)	home	31	(2.9)
									diabetes/ patient	4	(1.7)			self	24	(2.2)	
									skin	3	(1.3)			quality	23	(2.1)	
														palliative	22	(2.0)	
														improve	19	(1.8)	
Health, Medical			Home			Critical, Intensive			Patient, Primary			Self, Quality, Palliative					