

Table 2. Frequency distribution of elements of the core model questionnaire in Iranian health technology assessment reports published up to 2020

Topic	Issue	Rating					
		Yes		Partially		No	
		No.	%	No.	%	No.	%
Principal questions about the ethical aspects of technology	Is the technology a new, innovative mode of care, an “add-on” to a standard mode of care or a replacement of a standard?	73	80.2	11	12.1	7	7.7
	Can the technology challenge religious, cultural or moral convictions or beliefs of some groups or change current social arrangements?	4	4.4	5	5.5	82	90.1
	What could be the hidden or unintended consequences of the technology and its applications for different stakeholders?	56	61.5	21	23.1	14	15.4
Autonomy	Does the implementation or use of the technology challenge patient autonomy?	9	9.9	1	1.1	81	89.0
	Is the technology used for patients/people that are especially vulnerable?	6	6.6	4	4.4	81	89.0
	Can the technology entail special challenges/risks that the patient/person needs to be informed of?	34	37.4	34	37.4	23	25.3
Human dignity	Does the implementation or use of the technology affect human dignity?	5	5.5	3	3.3	83	91.2
Human integrity	Does the implementation or use of the technology affect human integrity?	3	3.3	1	1.1	87	95.6
Beneficence/ non-maleficence	What are the benefits and harms for patients, and what is the balance between the benefits and harms when implementing and when not implementing the technology? Who will balance the risks and benefits in practice and how?	30	33.0	33	36.3	28	30.8
	Can the technology affected any other stakeholders?	7	7.7	5	5.6	79	86.8
Justice and equity	What are the consequences of implementing/ not implementing the technology on justice in the health care system?	4	4.4	7	7.7	80	87.9
	How are technologies presenting with relevantly similar (ethical) problems treated in health care system?	5	5.5	7	7.7	79	86.8