

Table S1 Average score per DISCERN question among all included YouTube videos

Number	Question	Average score
Section 1		
1	Are the aims clear?	4.02
2	Does it achieve its aims?	3.89
3	Is it relevant?	4.05
4	Is it clear what sources of information were used to compile the publication (other than the author or producer)?	2.28
5	Is it clear when the information used or reported in the publication was produced?	2.18
6	Is it balanced and unbiased?	3.49
7	Does it provide details of additional sources of support and information?	2.15
8	Does it refer to areas of uncertainty?	2.03
Section 2		
9	Does it describe how each treatment works?	1.77
10	Does it describe the benefits of each treatment?	1.77
11	Does it describe the risks of each treatment?	1.75
12	Does it describe what would happen if no treatment is used?	1.75
13	Does it describe how the treatment choices affect overall quality of life?	1.85
14	Is it clear that there may be more than 1 possible treatment choice?	3.05
15	Does it provide support for shared decision making?	2.40
Section 3		
16	Based on the answers to all of these questions, rate the publication's overall quality as a source of information about treatment choices	2.35

DISCERN, Quality Criteria for Consumer Health Information.

Table S2 JAMA benchmarks, number, and percentage of YouTube videos

JAMA benchmarks	Explanation	Number	Percentage (%)
Authorship	Authors and contributors, their affiliations, and relevant credentials should be provided	65	100.0
Attribution	References and sources for all content should be listed clearly, and all relevant copyright information should be noted	15	23.1
Disclosure	Website "ownership" should be prominently and fully disclosed, as should any sponsorship, advertising, underwriting, commercial funding arrangements or support, or potential conflicts of interest	53	81.5
Currency	Dates when content was posted and updated should be indicated	65	100.0

JAMA, *Journal of the American Medical Association*.

Table S3 GQS

Score	Description	Average score
Score 1	Videos have poor flow, poor quality of the video, most information missing and are not at all useful for patients	3.06
Score 2	Videos have generally poor quality, some information listed and are of very limited use to patients	
Score 3	Videos have moderate quality, and some important information is adequately discussed	
Score 4	Videos have good flow, good quality, and most of the relevant information is listed and useful for patients	
Score 5	Videos have excellent flow and quality and are very useful for patients	

GQS, Global Quality Scale.