Supplemental file 4. Table 2. An overview of patient discourses on real-time access to test results.

	Discourse 1: *Real-time access as a source of stress*	Discourse 2: *Anxiety reduction through real-time access*	Discourse 3: *Real-time access for self-management*
Key words	Stress, complexity, and ambivalence.	Stressful waiting period, preparation, and relief.	Facilitator of self-management, frequent checking.
Implications of complex language use	Ambivalence about whether to look at test results and risk of misunderstanding and stress due to searching on the internet.	Willingness to ask healthcare professionals or relatives with medical knowledge for explanation or search for an explanation on the internet.	Learning process: patients can and will learn where to look and what to search for on the internet.
What is the value of real-time access to test results?	The value of transparency. The value of being well-informed as a patient before or after a medical consultation.	The value of transparency. The value of being well-informed as a patient. The value of emotional relief.	The value of transparency. The value of being empowered as a patient.
How to provide patient-centered real-time access to test results on a portal? (practical	Reducing stress by providing information about the advantages and disadvantages of real-time access, also on the patient portal by	Reducing anxiety by providing reference values for test results on the portal, health-related information in layman's terms as well as open notes from the	Improving self-management opportunities by providing a check mark on the portal that indicates whether the doctor has looked at the test results,

consequences)	texts or videos, and offering patients a conversation with a healthcare professional (pre-counseling).	healthcare professionals and providing comprehensible explanations on interpretation of test results from healthcare professionals.	more transparency on health-related information in the medical file, and the possibility for patients to correct inaccuracies in their file.