System, content, and service quality OncoKompas (strengths and weaknesses).

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Strengths	Weaknesses
System quality  Ease of access	Fore of access
	Ease of access  Not quitable for survivors that: (1) do not speek Dutab or are
• Suitable for survivors: (1) that already take	• Not suitable for survivors that: (1) do not speak Dutch or are
good care of themselves, (2) are well-	illiterate, (2) are cognitive or visually impaired, (3) are elderly,
educated, (3) younger people, (4) have a next	(4) have no Internet access or a lack of eHealth literacy skills,
of kin who can help	(5) are not motivated, (6) do not take care of their well-being,
• Suitable for HNC population: (1) are retired,	(7) have few symptoms
(2) are able to book vacations online, (3) new	• Not suitable for HNC population: (1) don't like to read, (2)
population: HPV virus, (4) eHealth may limit	low educational level
the impairments HNC survivors may face	• The application is built in Flash and therefore not suitable for
<ul> <li>Available in between HCP consults</li> </ul>	use on tablets
• 24 hours availability from the home situation	
Ease of use	Ease of use
• Clear navigation structure: simple lay-out,	Unclear navigation structure: interface too busy, too much
clear main menu	scrolling required
Tailoring / customization	Tailoring / customization
• Possibility to skip the sexuality topic is	Survivor should decide which symptoms to monitor
positive	• Information, advices provided is / are too general
• Survivors can choose between supportive	• Unclear that advice is tailored to the specific survivor
care options which is of added value	cherear that across is tallored to the specific survivor
Conditioning	Conditioning
• Option to print the results to share these with	• Lack of a trigger to return to the application
the HCP	• Lack of a 'check' if the survivor has taken action
• Patients receive concrete, interesting and	System should provide reminders to take action
tailored advice: asset to surfing	
Content Quality	
Evidence-based	Evidence-based
• Use of validated PROs: reliable	• Tension between goal <i>OncoKompas</i> and usage of validated
• Evidence-based content, advices and	PROs
supportive care options provided in line with	
HCPs' expectations	
Comprehensibility	Comprehensibility
<ul><li>Comprehensibility</li><li>Clear questioning: comprehensible questions</li></ul>	Comprehensibility • Complicated questioning: multi-interpretable, similar,
• Clear questioning: comprehensible questions	Complicated questioning: multi-interpretable, similar,
<ul><li> Clear questioning: comprehensible questions</li><li> Information and supportive care options</li></ul>	• Complicated questioning: multi-interpretable, similar, difficult, inappropriate intonation and formulation
<ul> <li>Clear questioning: comprehensible questions</li> <li>Information and supportive care options offered at different levels of understanding</li> </ul>	<ul> <li>Complicated questioning: multi-interpretable, similar, difficult, inappropriate intonation and formulation</li> <li>Complicated answering categories</li> </ul>
<ul> <li>Clear questioning: comprehensible questions</li> <li>Information and supportive care options offered at different levels of understanding</li> <li>Advice easy to follow; when complicated</li> </ul>	<ul> <li>Complicated questioning: multi-interpretable, similar, difficult, inappropriate intonation and formulation</li> <li>Complicated answering categories</li> <li>Difficult and abstract terminology</li> </ul>
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Service Quality	
Perceived usefulness "identification of	Perceived lack of usefulness "identification of symptoms"
symptoms"	Lack of nuance in identifying symptoms
• Symptoms may become more clear by means	• Impossible to tailor system as much as a consultation
of PROs	
• Leads to clarification of request for help	
Perceived usefulness "informing	Perceived lack of usefulness "informing participants"
participants"	Easier for survivors to contact outpatient clinic
• Generates new insights and knowledge for	Possibly wrong information gathering by wrong clicks
survivors	Difficult for already tired participants to act upon
• Recognition: validation of survivors feelings	personalized advice
<ul> <li>Approachable for mild symptoms and</li> </ul>	
delicate topics, survivors do not want to	
burden their physician with	
Perceived usefulness "referring	Perceived lack of usefulness "referring participants"
participants"	Leads to confusion when many advices are prompted
• More specific, earlier, easier referral to	During consultation problems are easier to prioritize
supportive care	Not clear for survivors what to do after finishing
• Survivor can take initiative in asking for a	OncoKompas
referral	Success depends on the assertiveness of the survivor
• Referral to own physician supports survivors	
to discuss symptoms with their physician	
Perceived usefulness "overall service"	Perceived lack of usefulness "overall service"
• Support in post-treatment period	Increased workload HCPs
Increased patient empowerment	• Increased worries about symptoms that survivors were not
• Increased attention for QOL of survivors	aware of and an increased focus on cancer
• Improved preparation for consultation with	• Symptoms discussed in <i>OncoKompas</i> not mentioned to
physician	HCPs