OBJECTIVES

Background: The large number of health-apps for genitourinary cancers makes necessary a transparent and objective evaluation by app experts and healthcare professionals

OBJECTIVE: To analyze the quality of apps for patients diagnosed with genitourinary cancers using the MARS methodology

METHODS

Design: observational cross-sectional descriptive study

- **INCLUSION CRITERIA:** apps available in the App and Play Store for genitourinary cancers intended to patients and/or careers
- **INCLUSION PERIOD:** February 2019

<table>
<thead>
<tr>
<th>MARS – 23 evaluation criteria in 5 domains</th>
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<tbody>
<tr>
<td>✓ Engagement</td>
</tr>
<tr>
<td>✓ Functionality</td>
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<tr>
<td>✓ Aesthetics</td>
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<tr>
<td>✓ Informations</td>
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<tr>
<td>✓ Subjective quality</td>
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**REGISTERED DATA**

<table>
<thead>
<tr>
<th>Platform</th>
<th>Type of cancer</th>
<th>Date of the last update</th>
<th>Participation of health professionals (HP)</th>
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**RESULTS**

46 APPS were downloaded

- 31 Android
- 6 iOS
- 9 both platforms

- € 89.1% free
- 60.9% updated in the last year

30.4% prostate
17.4% cervix
13.0% testicle
13.0% ovary

Average MARS score: 2.98
Maximum 4.63
Minimum 1.95

- Similar Functionality scores
- Greatest differences in Engagement and Aesthetics
- Significant differences: platform and participation of HP

**CONCLUSIONS**

Very few apps are focused on how to handle the disease after diagnosis, correct administration of the treatment and adequate monitoring of symptoms. The participation of health professionals is correlated to the quality of the apps. **MARS is a helpful methodology to analyze app quality and make better recommendations to patients.**


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