Association of a Video Patient Decision Aid with Shared Decision-Making in Undescended Testicle Consults: A Randomized Control Study

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Background

• Shared decision-making (SDM) is key to improving patient care and outcomes
• Undescended Testicle (UDT)
• Source of confusion in care
• Purpose: This study evaluates whether an educational video can improve SDM in UDT consults

Methods

• Patients presenting for initial visit with referral for UDT
• Randomly assigned to intervention (educational video) or control (no video) group
• SDM-Q-9 completed after visit

- My doctor made clear that a decision needs to be made: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor wanted to know exactly how I wanted to be involved in making the decision: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor told me there are different options for treating my medical condition: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor precisely explained the advantages and disadvantages of the treatment options: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor helped me understand all the information: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor asked me which treatment option I prefer: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor and I thoroughly weighed the different treatment options: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor and I selected a treatment option together: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree
- My doctor and I reached an agreement on how to proceed: Complete disagree, strongly disagree, somewhat disagree, somewhat agree, strongly agree

Results

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Total</th>
<th>No</th>
<th>Yes</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>My doctor made clear that a decision needs to be made</td>
<td>100.0% (358)</td>
<td>55.8% (144)</td>
<td>44.2% (114)</td>
<td>0.373</td>
</tr>
<tr>
<td>My doctor wanted to know exactly how I wanted to be involved in making the decision</td>
<td>Mean</td>
<td>4.5</td>
<td>4.3</td>
<td>4.6</td>
</tr>
<tr>
<td>My doctor told me there are different options for treating my medical condition</td>
<td>Mean</td>
<td>4.4</td>
<td>4.3</td>
<td>4.6</td>
</tr>
<tr>
<td>My doctor precisely explained the advantages and disadvantages of the treatment options</td>
<td>Mean</td>
<td>4.4</td>
<td>4.3</td>
<td>4.6</td>
</tr>
<tr>
<td>My doctor helped me understand all the information</td>
<td>Mean</td>
<td>4.6</td>
<td>4.5</td>
<td>4.7</td>
</tr>
<tr>
<td>My doctor asked me which treatment option I prefer</td>
<td>Mean</td>
<td>4.4</td>
<td>4.1</td>
<td>4.5</td>
</tr>
<tr>
<td>My doctor and I thoroughly weighed the different treatment options</td>
<td>Mean</td>
<td>4.3</td>
<td>4.1</td>
<td>4.5</td>
</tr>
<tr>
<td>My doctor and I selected a treatment option together</td>
<td>Mean</td>
<td>4.5</td>
<td>4.3</td>
<td>4.7</td>
</tr>
<tr>
<td>My doctor and I reached an agreement on how to proceed</td>
<td>Mean</td>
<td>4.6</td>
<td>4.5</td>
<td>4.7</td>
</tr>
<tr>
<td>Overall SDM-Q9 Score</td>
<td>Mean</td>
<td>88.4</td>
<td>85.6</td>
<td>91.0</td>
</tr>
</tbody>
</table>

Conclusions

• An educational video prior to initial visit for UDT did not significantly increase overall perception of SDM in our population

Discussion

• High SDM-Q-9 scores across both groups
• Other methods for improving SDM
• Limitations
  • Single institution, English and Spanish only
  • Greater number of participants in control group
  • Clinical significance of these differences
• Future Studies
  • Role of demographic factors
  • Expand intervention to multiple sites, additional languages, and other pediatric urologic conditions

References


Disclosures

No financial disclosures or conflict of interest related to material in this presentation.