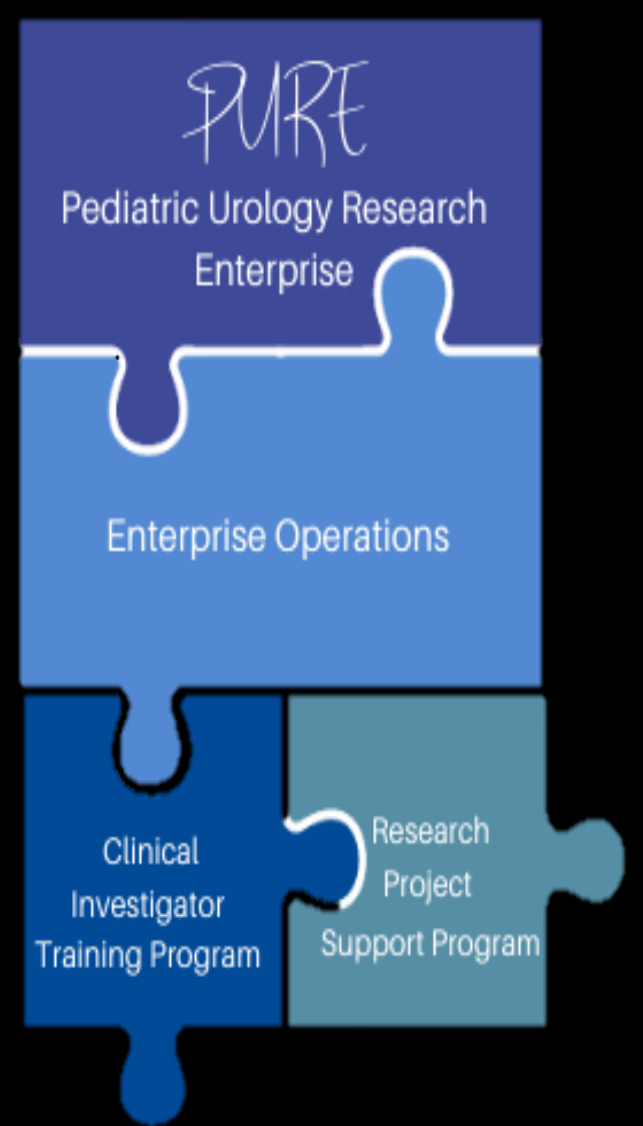


Association of a Video Patient Decision Aid with Shared Decision-Making in Undescended Testicle Consults: A Randomized Control Study



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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

| | | | | | | |
|---|---------------------|-------------------|-------------------|----------------|----------------|------------------|
| 1. My doctor made clear that a decision needs to be made. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 2. My doctor wanted to know exactly how I want to be involved in making the decision. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 3. My doctor told me that there are different options for treating my medical condition. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 4. My doctor precisely explained the advantages and disadvantages of the treatment options. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 5. My doctor helped me understand all the information. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 6. My doctor asked me which treatment option I prefer. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 7. My doctor and I thoroughly weighed the different treatment options. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 8. My doctor and I selected a treatment option together. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |
| 9. My doctor and I reached an agreement on how to proceed. | completely disagree | strongly disagree | somewhat disagree | somewhat agree | strongly agree | completely agree |

Results

- Total: 258 parents/guardians
- Control Group: 144
 - Intervention Group: 114

| Characteristic | | Total | Video | | p-value |
|--|---------|--------------|-------------|-------------|---------|
| | | | No | Yes | |
| Total | | 100.0% (258) | 55.8% (144) | 44.2% (114) | |
| My doctor made clear that a decision needs to be made. | Mean | 4.5 | 4.3 | 4.6 | 0.373 |
| | Std Dev | 1.1 | 1.3 | 0.8 | |
| My doctor wanted to know exactly how I want to be involved in making the decision. | Mean | 4.4 | 4.3 | 4.6 | 0.186 |
| | Std Dev | 1.1 | 1.3 | 0.9 | |
| My doctor told me there are different options for treating my medical condition. | Mean | 4.2 | 4.0 | 4.5 | 0.069 |
| | Std Dev | 1.3 | 1.5 | 0.8 | |
| My doctor precisely explained the advantages and disadvantages of the treatment options. | Mean | 4.4 | 4.3 | 4.6 | 0.265 |
| | Std Dev | 1.1 | 1.3 | 0.7 | |
| My doctor helped me understand all the information. | Mean | 4.6 | 4.5 | 4.7 | 0.269 |
| | Std Dev | 1.0 | 1.1 | 0.8 | |
| My doctor asked me which treatment option I prefer. | Mean | 4.3 | 4.1 | 4.5 | 0.078 |
| | Std Dev | 1.3 | 1.4 | 1.0 | |
| My doctor and I thoroughly weighed the different treatment options. | Mean | 4.3 | 4.1 | 4.5 | 0.041 |
| | Std Dev | 1.2 | 1.4 | 0.9 | |
| My doctor and I selected a treatment option together. | Mean | 4.5 | 4.3 | 4.7 | 0.104 |
| | Std Dev | 1.1 | 1.3 | 0.8 | |
| My doctor and I reached an agreement on how to proceed. | Mean | 4.6 | 4.5 | 4.7 | 0.349 |
| | Std Dev | 1.0 | 1.1 | 0.7 | |
| Overall SDMQ9 Score | Mean | 88.4 | 85.6 | 91.9 | 0.077 |
| | Std Dev | 19.9 | 22.9 | 14.6 | |

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

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Disclosures

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