

The use of Patient Decision Aids in Penile Implant Surgery

Background

Patient decision aids (PDAs) have been utilised in a variety of clinical conditions. This has been associated with improved patient satisfaction with treatment decisions and the decision-making process.

There has not been any research into determining the factors which are important to patients in implant surgery.

The aim of this study was to determine which implant factors are important.

Treatment Option*	
Tactra malleable implant	
Genesis malleable implant	
Boston 3-piece inflatable implant	
Coloplast 3-piece inflatable implant	

C) My Values - What matters to me?

- Please let us know what is important to you from the list of values below.
- A member of staff can help you complete it if you wish.
- Some things that matter to you may be physical, psychological, emotional, social or it could be something completely different. There are no 'right or wrong' answers, as it is about you.

Please add a value from 0 to 10 (0 = low priority, 10 = high priority) next to each of the following values:

What matters to you?	Importance out of 10	Top 3 (Please tick)
Implant rigidity	0 1 2 3 4 5 6 7 8 9 10	+
Implant life expectancy	0 1 2 3 4 5 6 7 8 9 10	
Size of implant reservoir	0 1 2 3 4 5 6 7 8 9 10	
Number of implant parts	0 1 2 3 4 5 6 7 8 9 10	
Appearance of penis at rest	0 1 2 3 4 5 6 7 8 9 10	
Ease of implant use	0 1 2 3 4 5 6 7 8 9 10	
Size of pump	0 1 2 3 4 5 6 7 8 9 10	
Size of pump button	0 1 2 3 4 5 6 7 8 9 10	
Infection reduction	0 1 2 3 4 5 6 7 8 9 10	
Length of surgery	0 1 2 3 4 5 6 7 8 9 10	
Partner preference	0 1 2 3 4 5 6 7 8 9 10	
Penis girth with implant	0 1 2 3 4 5 6 7 8 9 10	+
Penis length with implant	0 1 2 3 4 5 6 7 8 9 10	+
Other (please specify)	0 1 2 3 4 5 6 7 8 9 10	

Methods

Retrospective analysis of Penile Implant PDA in three Andrology centres in London and Bristol.

13 parameters assessed; men asked to score out of 10 in terms of level of importance; 10 was the highest importance and note the 3 most important parameters.

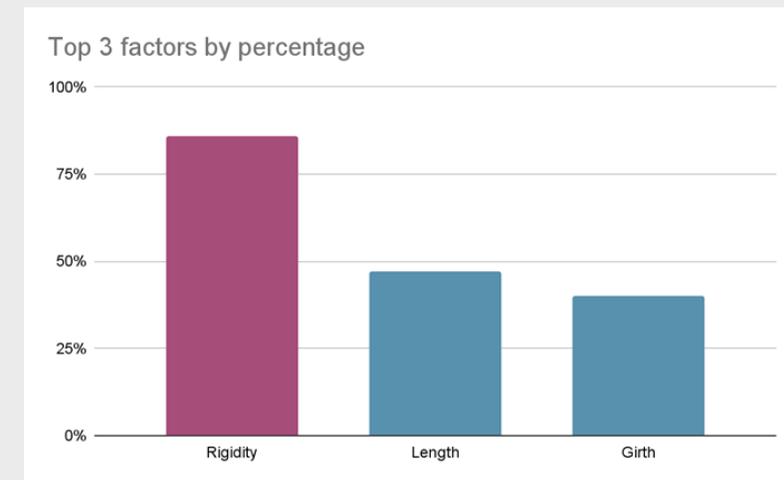
Results

20 men completed a PDA; highest median scores received for:

- Implant rigidity (10)
- Ease of use (9)
- Life expectancy (8.5)
- Penile length with implant in situ (8.5)

15 patients ranked top 3 parameters

1. Implant rigidity (86%)
2. Penile length with implant in situ (47%)
3. Girth with implant in situ (40%)



Implications

The most important factors for men are:

- Implant rigidity
- Penile length with implant in situ
- Ease of use

This should play a significant role in how we counsel men, particularly in reduction of potential post procedure regret, and guide future implant design.

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