

Supplementary

Appendix 1 English translation of the questionnaire used in this study to record the patient related parameters.

Initial Questions	Answer
How much are you impaired by the irrigation in general? (0=not at all ... 10=max. impairment)	
How secure do you feel with the monitoring of the irrigation by the nursing staff? (0= not secure at all ... 10=very secure)	
Would you prefer an electronic permanent surveillance? (0=no, 1=yes, 2=neutral)	
How secure would you feel with an electronic surveillance system? (0=not secure at all ... 10=very secure)	
How much is your mobility impaired by the irrigation system? (0=not at all ... 10= max. impairment)	
How much do you think an additional tablet size surveillance device would impair your mobility further? (0=not at all ... 10=max. impairment)	
How much do you think would an ultrasound sensor attached to your abdominal area impair your mobility further? (0=not at all ... 10=max. impairment)	
How would much would you agree, that having a video based feedback system would make you feel more secure? (0=Max. disagreement ... 10=max. agreement)	
How much information about the status of your irrigation would you like to be displayed at your bedside? (0=no information ... 10=all available information)	

Questions repeated during surveillance	Answer
[0-10]: Average pain value since the last interview	
[0-10]: Highest pain value since the last interview	
Type of pain [0]: no pain [1]: pain when moving [2]: constant pain	
[0]: bladder cramps occurred [1]: no bladder cramps occurred	
[X]: Minutes out of bed since last interview	
Location(s) since last interview [0]: always in bed [1]: patient room [2]: smoking [3]: cafeteria [4]: walking inside the hospital building [5]: walking outside the hospital building [6]: toilet [7]: other:_____	