

## Appendix B

Summary Table – Comparison of patient parametres on different types of midurethral, pubovaginal slings, and laparoscopic and open colposuspensions

	<b>Cure Rate Short Term</b>	<b>Duration of Surgery (hours)</b>	<b>Length of Stay in Hospital including day of surgery (days)</b>	<b>Weeks off work</b>	<b>Chance of having to catheterise one-self long term to empty bladder</b>	<b>Long-term success rate (10 years)</b>	<b>Chance of Repeat Operation for Continence over 5-10 years</b>	<b>How many Australian women had this operation 2017</b>	<b>Chance of Chronic Severe Debilitating Pain that is irreversible</b>	<b>Other specific issues</b>
Open Burch Colposuspension  Medicare Item No. 37044  Medicare Fee \$819.40	80-90%	2	3	4	1 in 40 women	70% (Alcalay 1995) 32% (Barr et al)	11% (Holdo et al) 9.6% (Barr et al 2007) 12% e-SISTER	440 had either an open or laparoscopic burch colposuspension	Unknown but definitely not 0%. Insufficient procedures performed to know the true rate.	7.5% of women have a prolapse operation within 5 years of this surgery (Ward and Hilton)
Laparoscopic Burch Colposuspension  Item No. 37044	80-90%	2	2	2	1 in 40 women	70% (48% Barr et al)	12.5% (Barr et al)	440 had either an open or laparoscopic burch colposuspension	Unknown but has been seen. Insufficient procedures to know	16% of women have a prolapse operation within 12

Medicare Fee \$819.40									the true rate.	years of this surgery (Holdo)
Pubovaginal Sling Item No. 37042 Medicare Fee 2019- \$925.90	80-90%	2-3	4-5	4	1 in 20 women	85%-90% Sharifiaghdas F et al 2017. 84% obj 72% subj at 10yrs	2% ( e-SISTER trial at 5yrs)	Unknown	Unknown, but not 0%. 13% long-term wound pain	
	<b>Cure Rate Short Term</b>	<b>Duration of Surgery (hours)</b>	<b>Length of Stay in Hospital including day of surgery (days)</b>	<b>Weeks off work</b>	<b>Chance of having to catheterise one-self long term to empty bladder</b>	<b>Long-term success rate</b>	<b>Chance of Repeat Operation for Continence over 10 years</b>	<b>How many Australian women had this operation in 2017-18</b>	<b>Chance of Chronic Severe Debilitating Pain that is irreversible</b>	<b>Other specific issues</b>
Bulking agents Item No. 37339 Medicare Fee-\$253.60	50%	½	1 (home same day as procedure)	0	1 in 100	40% or less	High chance of repeat procedures	451	Unknown, but likely to be a low rate	Theoretical Periurethral Abscess formation. Can have top-up procedures.
Midurethral Retropubic Slings (Mesh) Item No. 35599 Medicare Fee 2019- \$801.20	80-90%	¾	1 (home same day as procedure)	1.5	1 in 50	85% Sharifiaghdas F et al 2017.	1.7% (Holdo; Ford Cochrane review))	5359 women had either a Retropubic or Transobturator Mesh Sling	Up to 5% report long-term pain.About 1/150 women require removal because of severe pain.	Mesh can be removed but pain relieved in 50% of cases. Mesh erosion

Midurethral Transobturator Slings (Mesh) Item No. 35599 Fee- \$801.20	80%	¾	1 (home same day as procedure)	1.5	1 in 60-70	80%? No term data	10% (Ford, Cochrane review)	5359 women had either a Retropubic or Transobturator Mesh Sling	As above.	Groin pain in 1.7%. Difficult to remove mesh from the groin.
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**REFERENCES** (parentheses in green)

- Alcalay M, Monga A, Stanton SL. Burch colposuspension: a 10-20 year follow up. Br J Obstet Gynaecol. 1995 Sep;102(9):740-5. doi: 10.1111/j.1471-0528.1995.tb11434.x. Erratum in: Br J Obstet Gynaecol 1996 Mar;103(3):290. PMID: 7547767.
- Barr S, Reid FM, North CE, Hosker G, Smith AR. The long-term outcome of laparoscopic colposuspension: a 10-year cohort study. Int Urogynecol J Pelvic Floor Dysfunct. 2009 Apr;20(4):443-5. doi: 10.1007/s00192-008-0798-1. Epub 2009 Jan 10. PMID: 19137230.
- Ford AA, Rogerson L, Cody JD, Aluko P, Ogah J. Mid-urethral sling operations for stress urinary incontinence in women. Cochrane Database of Systematic Reviews 2017, Issue 7. Art. No.: CD006375. DOI: 10.1002/14651858.CD006375.pub4.
- Holdø B, Verelst M, Svenningsen R, Milsom I, Skjeldestad FE. Long-term clinical outcomes with the retropubic tension-free vaginal tape (TVT) procedure compared to Burch colposuspension for correcting stress urinary incontinence (SUI). Int Urogynecol J. 2017 Nov;28(11):1739-1746. doi: 10.1007/s00192-017-3345-0. Epub 2017 Apr 24. PMID: 28439634.
- Kuprasertkul A, Christie AL, Lemack GE, Zimmern P. Long-Term Results of Burch and Autologous Sling Procedures for Stress Urinary Incontinence in E-SISTER Participants at 1 Site. J Urol. 2019 Dec;202(6):1224-1229. doi: 10.1097/JU.0000000000000421. Epub 2019 Jun 28. PMID: 31251716.

- Sharifiaghdas F, Mirzaei M, Daneshpajoo A, Narouie B. Long-term results of tension-free vaginal tape and pubovaginal sling in the treatment of stress urinary incontinence in female patients. *Clin Exp Obstet Gynecol.* 2017;44(1):44-47. PMID: 29714864.
- Ward KL, Hilton P; UK and Ireland TVT Trial Group. Tension-free vaginal tape versus colposuspension for primary urodynamic stress incontinence: 5-year follow up. *BJOG.* 2008 Jan;115(2):226-33. doi: 10.1111/j.1471-0528.2007.01548.x. Epub 2007 Oct 25. PMID: 17970791.