



DILAPAN-S savings in numbers

Predictable, non-pharmacological IOL with high maternal satisfaction

dilapan.com

DILAPAN-S saves midwives 2.4 hours per IOL and is cost neutral to Propess¹

Using data from the SOLVE trial² researchers compared the cost of two induction methods recommended by NICE: DILAPAN-S and Propess.

They found that for midwives, DILAPAN-S **saved 2.4 hours of time per induction.**

The upfront cost of an induction method represents approximately 1% of the total cost of induction¹. Factors such as safety, analgesia usage, and staff time account for the majority of the cost.

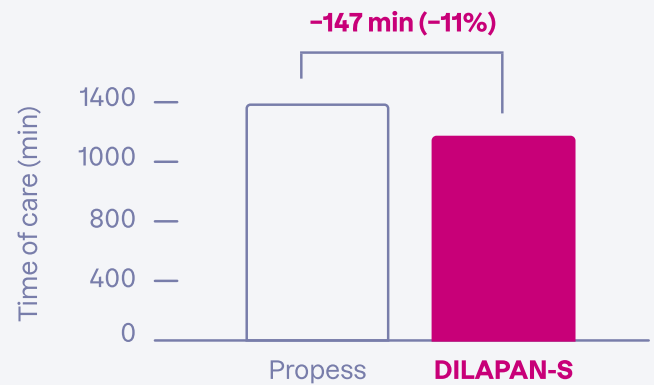


Figure 1 Time of care required per induction for DILAPAN-S and Propess (adapted from UK economic model; Walker *et al.*, 2022)

The time saving with DILAPAN-S resulted from

Reduced monitoring time

Lower rate of hyperstimulation

Significantly less analgesia requirements

The cost analysis considered 14 relevant factors* during admission, ripening and labour, such as the cost of oxytocin, mode of delivery, and the product itself.

	DILAPAN-S		Propess		Savings with DILAPAN-S	
Admission	£	33	£	58	£	25
Ripening	£	1,785	£	1,917	£	132
Labour	£	1,708	£	1,556	£	-152
Total	£	3,525	£	3,531	£	6

Table 1 Total cost of care per induction with DILAPAN-S and Propess (adapted from UK economic model; Walker *et al.*, 2022)

Note: Based on the DILAPAN-S 2023 price, assuming no other difference in costs, the overall savings with DILAPAN-S amounts to £3.00**

DILAPAN-S is predictable, helping you to schedule the procedure. DILAPAN-S fell out in 0 patients, compared to 13 with Propess, and has a 10% higher 1st round success rate.²

A maternity unit in Southwest London conducted their own cost analysis after implementing DILAPAN-S for frontline IOL, which showed a significant annual saving of over £213,000 for their unit.³

Cost of	Propess		DILAPAN-S	
Product for 1 year	£	97,386	£	73,060
Being an inpatient	£	502,949	£	313,580
Total	£	600,335	£	386,639
Savings with DILAPAN-S		£ 213,696		

DILAPAN-S offers additional savings for outpatient ripening

The results showed outpatient cervical ripening led to a significantly shorter stay in hospital and reduction in analgesia use, with no increase in adverse outcomes, and a significantly higher vaginal delivery rate within 24 hours of admission.^{4,5}

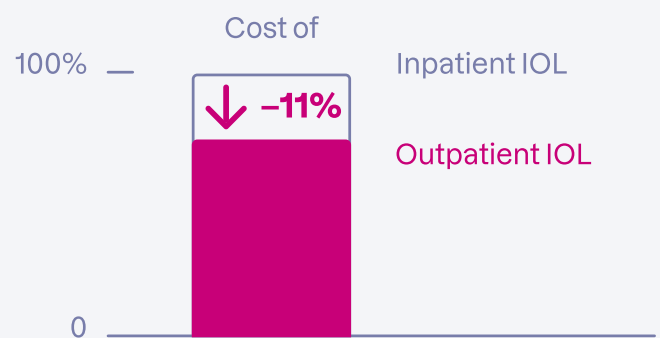
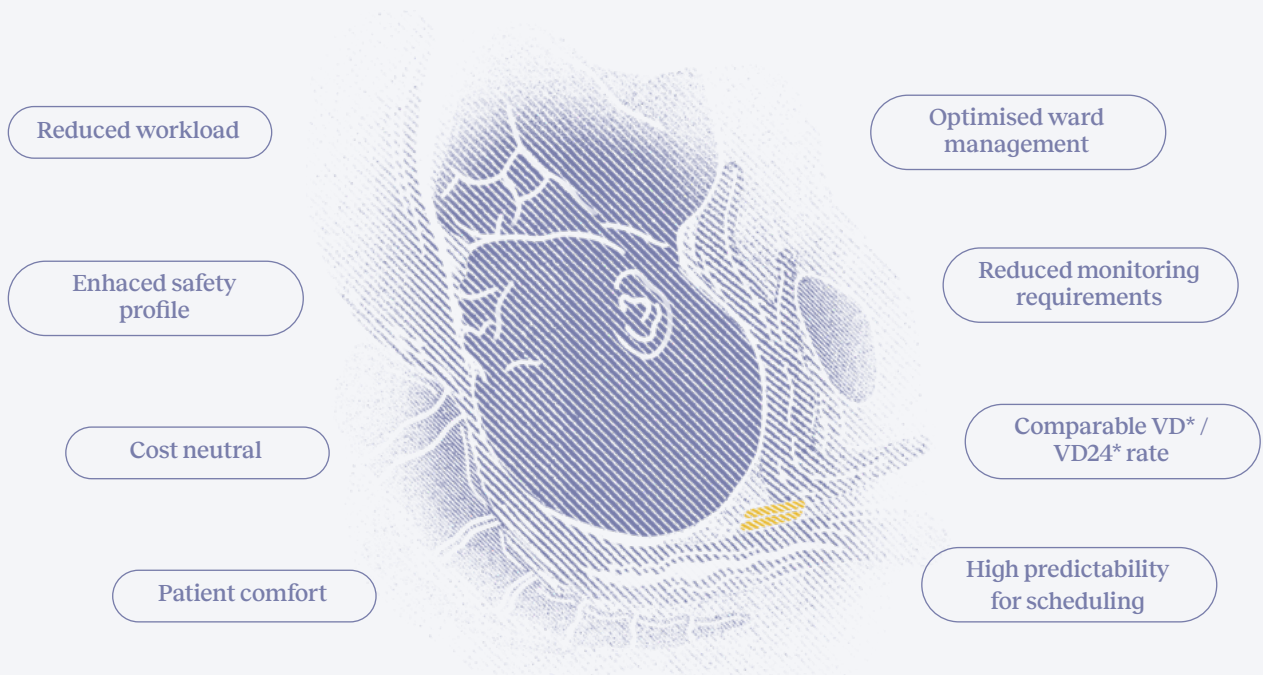


Figure 2 Cost reduction when using Dilapan-S for outpatient vs inpatient (adapted from outpatient economic evaluation; Avritscher et al., 2023)

Outpatient cervical ripening with DILAPAN-S led to significant cost savings of 11% when compared to inpatients⁵





DILAPAN-S time and cost in facts

£200,000+

Annual savings for one maternity unit using DILAPAN-S³

11 %

Total cost savings with outpatient ripening⁵

2.4 hours

Midwife time saved per IOL¹

Only 1%

of the total IOL cost is the cost of the ripening agent¹

References

1. Walker et al., (2022) The mechanical dilator (DILAPAN-S) for inpatient cervical ripening: A UK economic model. *BJOG-AN INTERNATIONAL JOURNAL OF OBSTETRICS AND GYNAECOLOGY* (Vol. 129, pp. 79-80). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY
2. Gupta et al., (2022) A randomized trial of synthetic osmotic cervical dilator for induction of labor versus dinoprostone vaginal insert (SOLVE trial). *American Journal of Obstetrics & Gynecology*. (n= 674)
3. Johnson K.: Midwife – led DILAPAN-S Induction of Labour. Oral presentation, 5th European Congress of Intrapartum Care, May 2021
4. Saad AF et al. Outpatient compared with inpatient preinduction cervical ripening using a synthetic osmotic dilator: A randomized clinical trial. *Obstet Gynecol*. 2022 Oct 1;140(4):584-590.
5. Avritscher EBC et al. Economic evaluation of outpatient vs inpatient cervical ripening using Dilapan-S prior to induction of labor. Poster presentation. *Am J Obset. Gynecol*, Vol 228, Issue 1, Supplement, S631, Jan 2023.

* Safety and efficacy factors: Caesarean rate in multiples and nullips, oxytocin, hyperstimulation, spontaneous delivery, Entonox, opioids, time from admission to induction/amniotomy/birth, time from amniotomy to birth, ripening time. Resource factors: monitoring time, cost of vaginal and caesarean birth

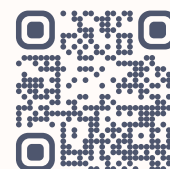
** DILAPAN-S prices for 2023

DILAPAN-S - 4mm x 55mm – IOL	DS002-4X55	£	227.50
DILAPAN-S - 4mm x 65mm – Termination of Pregnancy	DS002-4X65	£	227.50
DILAPAN-S - 3mm x 55mm - Fertility	DS000-3X55	£	227.50

 **Dilapan-S**[®]



DILAPAN-S is manufactured by company MEDICEM Technology s.r.o., Czech republic (www.medicem.com)
Company AGHealth is an authorised distributor of the product in the UK (www.aghealth.co.uk)



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