

Author	Title	Journal/Event	Year	Type	Design
Lambert SJ	Adjuvant misoprostol or mifepristone for cervical preparation with osmotic dilators before dilation and evacuation	Contraception	2024	Study/trial	Retrospective cohort study
Saad AF	Effect of Hygroscopic Osmotic Dilator versus Foley Balloon on Cesarean Delivery Rates: A Bayesian Analysis	AJOG	2023	Poster	Secondary analysis of a single-center randomized clinical trial
Avritscher EBC	Economic evaluation of outpatient vs. inpatient cervical ripening using dilapan-s prior to induction of labor	AJOG	2023	Poster	Economic analysis
Saunders S	Out-of-Hospital Cervical Ripening With a Synthetic Hygroscopic Cervical Dilator May Reduce Hospital Costs and Cesarean Sections in the United States—A Cost-Consequence Analysis	Frontiers in Public Health	2023	Economic analysis	Economic analysis
Seagraves E	Longitudinal Ultrasound Evaluation of Dilapan-S Diameter During Cervical Ripening	American Journal of Obstetrics & Gynecology	2023	Study/trial	Prospective, randomized, exploratory
Otigbah Ch	Midwifery-led induction of labour clinics: Blueprint for the future of induction?	RCOG	2023	Poster	Prospective audit
Tzitzikalakis C	Induction of labour using Dilapan : a single centre experience	RCOG	2023	Poster	Retrospective
Towers L	Comparing the efficiency of cervical balloon Vs Dilapan for induction of labour	RCOG	2023	Poster	Retrospective
Biswas J	Mechanical induction of labour in women with scarred uterus - a retrospective audit showing efficacy of mechanical agent	RCOG	2023	Poster	Retrospective

Rath W	Synthetic Osmotic Dilators for Pre-Induction Cervical Ripening – an Evidence-Based Review	Geburtshilfe und Frauenheilkunde	2023	Review or meta	Review or meta
Socha M	A Review of the Mechanism of Action and Clinical Applications of Osmotic Dilators for Cervical Ripening in the Induction of Labor and in Gynecology Procedures	Medical Science Monitor: International Medical Journal of Experimental and	2023	Review or meta	Review or meta
Al-Matary A	Cervical Osmotic Dilators versus Dinoprostone for Cervical Ripening during Labor Induction: A Systematic Review and Meta-analysis of 14 Controlled Trials	American Journal of Perinatology	2023	Review or meta	Review or meta
D'Indinosante M	Pre-induction cervical ripening and hygroscopic cervical dilators in pre-labor induction	The Journal of Maternal-Fetal & Neonatal Medicine	2023	Study/trial	Retrospective observational study
Sidebottom A	Evaluation of an outpatient cervical ripening program using osmotic dilators and balloon catheters	ACOG Annual Clinical and Scientific Meeting	2023	Poster	Retrospective cohort study
Nair AK	Comparison of Efficacy of Vaginal Misoprostol versus a Synthetic Osmotic Dilator (Dilapan-S) for Cervical Preparation before Operative Hysteroscopy: A Randomized Controlled Study	Gynecology and Minimally Invasive Therapy	2023	Study/trial	Prospective, randomized
Premkumar A	The use of adjunctive mechanical dilation at the time of induction termination and adverse health outcomes: a systematic review	PLoS One	2023	Review or meta	Review or meta
Harkness M	Experience of induction of labour: a cross-sectional postnatal survey of women at UK maternity units	BMJ Open	2023	Survey	Questionnaire based survey of mothers (CHOICE study)
Yuill C	Clinicians' perspectives and experiences of providing cervical ripening at home or in-hospital in the United Kingdom	Plos One	2023	Research article	Questionnaire based survey of mothers (CHOICE study)

Sanches-Ramos L	Methods for the induction of labor: efficacy and safety	AJOG	2023	Review article	Review or meta
Paendi FA	Combined preparation of the cervix in pregnant women with premature rupture of the membranes	Effective Pharmacotherapy	2023	Study/trial	Proospective observational study
Gupta J	A randomized trial of synthetic osmotic cervical dilator for induction of labor vs dinoprostone vaginal insert	American Journal of Obstetrics & Gynecology MFM	2022	Study/trial	Prospective, randomized
Uhm S	Mifepristone prior to osmotic dilators for dilation and evacuation cervical preparation: A randomized, double-blind, placebo-controlled pilot study	Contraception	2022	Study/trial	Prospective, randomized
Berghella V	Balloon or osmotic dilators for cervical ripening and induction?	European Journal of Obstetrics & Gynecology and Reproductive Biology	2022	Review or meta	N/A
Gupta J	Mechanical methods for induction of labor	European Journal of Obstetrics & Gynecology and Reproductive Biology	2022	Review or meta	N/A
ACNM	ACNM Clinical Bulletin 18 Induction of Labor	Journal of Midwifery & Women's Health	2022	Guideline	N/A
Saad AF	HOME CARE	RCOG World Congress	2022	Study/trial	Prospective, randomized
Gavara R	Cervical Ripening Efficacy of Synthetic Osmotic Cervical Dilator Compared With Oral Misoprostol at Term: A Randomized Controlled Trial	Obstetrics & Gynecology	2022	Study/trial	Prospective, randomized

Saunders S	Moving preinduction cervical ripening to a lower acuity inpatient setting using the synthetic hygroscopic cervical dilator: a cost-consequence analysis for the United States	EJOG	2022	HE model	HE model
Anselem O	Cervical Dilators Used Concurrently With Misoprostol to Shorten Labor in Second-Trimester Termination of Pregnancy: A Randomized Controlled Trial	Obstet Gynecol.	2022	Study/trial	RCT
Kummer J	Cervical ripening as an outpatient procedure in the pandemic – minimizing the inpatient days and lowering the socioeconomic costs	Journal of Perinatal Medicine	2022	Study/trial	Retrospective comparative analysis
Walker KF	Synthetic osmotic dilators (Dilapan-S) or dinoprostone vaginal inserts (Propess) for inpatient induction of labour: A UK cost-consequence model	EJOG	2022	HE model	HE model
Baev O	463 Synthetic osmotic dilators dilapan-s vs double balloon catheter ripening of the cervix for induction of labour in nulliparous	EJOG	2022	Study/trial	Prospective, randomized
Hombalegowda	A Randomized Controlled Trial Of Dilapan-S vs Dinoprostone for Pre-induction Cervical Ripening - Pilot Study	ACOG Annual Clinical and Scientific Meeting	2021	Pilot/small st	Prospective, randomized
Harkness M	Induction of labour during the COVID-19 pandemic: a national survey of impact on practice in the UK	BMC Pregnancy Childbirth	2021	Survey	N/A
Kehl S	Induction of Labour. Guideline of the DGGG, OEGGG and SGGG (S2k, AWMF Registry No. 015-088, December 2020)	Geburtshilfe Frauenheilkd	2021	Guideline	N/A
Rath W	Mechanical Methods for the Induction of Labour After Previous Caesarean Section – An Updated, Evidence-based Review	Geburtshilfe Frauenheilkd	2021	Review or meta	N/A
Koenigbauer JT	Cervical Ripening After Cesarean Section: A Prospective Dual Center Study Comparing a Mechanical Osmotic Dilator Vs Prostaglandin E2	Journal of Perinatal Medicine	2021	Study/trial	Combined

NICE	Inducing labour NICE guideline	Published online	2021	Guideline	N/A
Benson LS	Leukocytosis during cervical preparation with osmotic dilators for dilation and evacuation	SAGE Open Medicine	2021	Study/trial	Retrospective
Kashanian M	Comparing the efficacy of dilapan with extra-amniotic saline infusion and oral misoprostol for cervical ripening in term pregnancies	The Journal of Maternal-Fetal & Neonatal Medicine	2021	Study/trial	Prospective, non-randomized
Liu SM	A single-blinded randomized controlled trial evaluating pain and opioid use after dilator placement for second-trimester abortion	Contraception	2020	Study/trial	Prospective, randomized
Lee JK	Oral sedation for pain with cervical dilator placement: a randomized controlled trial	Contraception	2020	Study/trial	Prospective, randomized
Hruban L	Mechanical pre-induction in women with premature rupture of membranes	European Journal of Obstetrics & Gynecology and Reproductive Biology	2020	LTE	N/A
Saad AF	Predictors of vaginal delivery after cervical ripening using a synthetic osmotic dilator	European Journal of Obstetrics & Gynecology and Reproductive Biology	2020	Secondary analysis	N/A
Simpson KR	Cervical Ripening and Labor Induction and Augmentation, 5th Edition	Nursing for Women's Health	2020	Review or meta	N/A
Pekarev O	Sonoelastography for the comparative assessment of cervical maturation after different approaches to cervical preparation ahead of labour induction	The Journal of Maternal-Fetal & Neonatal Medicine	2020	Study/trial	Prospective, non-randomized

Saad AF	DILAFOL: A randomized controlled trial of Dilapan-S vs Foley balloon for preinduction cervical ripening	American Journal of Obstetrics and Gynecology	2019	Study/trial	Prospective, randomized
Paris AE	Mifepristone and misoprostol compared to osmotic dilators for cervical preparation prior to surgical abortion at 15–18 weeks' gestation: a randomised controlled non-inferiority trial	BMJ Sex Reprod Health	2019	Study/trial	Prospective, randomized
de Vaan	Mechanical methods for induction of labour	Cochrane Database of Systematic Reviews	2019	Review or meta	N/A
Shakir-Reese JM	A factorial-design randomized controlled trial comparing misoprostol alone to Dilapan with misoprostol and comparing buccal to vaginal misoprostol	Contraception	2019	Study/trial	Prospective, randomized
Bertholdt C	Effect of the addition of osmotic dilators to medical induction of labor abortion: A before-and-after study	European Journal of Obstetrics & Gynecology and Reproductive Biology	2019	Study/trial	Retrospective
Harjee R	Osmotic Dilator Intra-Abdominal Perforation: A Case Report. Journal of Obstetrics and Gynaecology Canada	Journal of Obstetrics and Gynaecology Canada	2019	Case report	N/A
Lamar R	The case for outpatient cervical ripening for IOL at term for low-risk pregnancies	Published online	2019	Review or meta	N/A
Barinov SV	The use of an osmotic dilator for induction of miscarriage in patients with second trimester antenatal pregnancy loss	The Journal of Maternal-Fetal & Neonatal Medicine	2019	Study/trial	Prospective, randomized

Baev OR	A comparison between labor induction with only Dilapan-S and a combination of mifepristone and Dilapan-S in nulliparous women: a prospective pilot study	The Journal of Maternal-Fetal & Neonatal Medicine. Published online	2019	Pilot/small study	Prospective, non-randomized
Chodankar R	Synthetic osmotic dilators for cervical preparation prior to abortion—An international multicentre observational study	European Journal of Obstetrics & Gynecology and Reproductive Biology	2018	Study/trial	Prospective, non-randomized
Gupta J	Synthetic osmotic dilators in the induction of labour—An international multicentre observational study	European Journal of Obstetrics & Gynecology and Reproductive Biology	2018	Study/trial	Prospective, non-randomized
Grobman WA	ARRIVE: Labor Induction versus Expectant Management in Low-Risk Nulliparous Women	New England Journal of Medicine	2018	Study/trial	Prospective, randomized
Shindo R	Hygroscopic dilators vs balloon catheter ripening of the cervix for induction of labor in nulliparous women at term: Retrospective study	PLoS One	2018	Study/trial	Retrospective