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Sarita Sonalkar's research while affiliated with Hospital of the University of Pennsylvania and other places

Publications (33)

Mifepristone Pretreatment for the Medical Management of Early Pregnancy Loss

Article Jun 2018 · New England Journal of Medicine

Courtney A Schreiber · Mitchell D Creinin · Jessica Atrio · [...] · Kurt T Barnhart

Background Medical management of early pregnancy loss is an alternative to uterine aspiration, but standard medical treatment with misoprostol commonly results in treatment failure. We compared the efficacy and safety of pretreatment with mifepristone followed by treatment with misoprostol with the efficacy and safety of misoprostol use alone for the management of early pregnancy loss. Methods We randomly assigned 3...

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Six-month expulsion of postplacental copper intrauterine devices placed after vaginal delivery

Article Jun 2018 · American Journal of Obstetrics and Gynecology

Elizabeth P. Gurney · Sarita Sonalkar · Arden Mcallister · [...] · Courtney A Schreiber

Background: Immediate placement of an intrauterine device (IUD) after vaginal delivery is safe and convenient, but longitudinal data describing clinical outcomes have been limited. Objectives: To determine the proportion of TCU380A (copper) IUDs devices expelled, partially expelled, malpositioned, and retained, as well as contraceptive use by 6 months postpartum. To determine risk factors for expulsion and partial expulsion...

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Postabortion long-acting reversible contraception desire in women counselled using Bedsider.org versus standard counselling: A randomised trial

Article May 2018

Sarita Sonalkar · Jessica McClusky · Rachna Vanjani · [...] · Lynn Borgatta

Probability of Pregnancy after Intended Postplacental versus Interval Intrauterine Device Placement [3F]

Article May 2018 · Obstetrics and Gynecology

Tegan Hunter · Elizabeth P. Gurney · Courtney Schreiber · [...] · Sarita Sonalkar

Satisfaction With the Intrauterine Device Insertion Procedure Among Adolescent and Young Adult Women

Article May 2018 · Obstetrics and Gynecology

Aletha Y. Akers · Jennifer Harding · Lisa K. Perriera · [...] · Sarita Sonalkar

Objective: To evaluate satisfaction with intrauterine device (IUD) insertion procedures among adolescent and young adult women. Methods: This secondary analysis of data from a multisite, single-blind, sham-controlled randomized trial of women having a levonorgestrel 13.5-mg IUD inserted enrolled participants from March 2015 through July 2016 at three family planning clinics in Philadelphia, Pennsylvania. Eligible participants were 1...

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Factors Influencing Length of Intrauterine Device Insertion Procedure in Adolescent Patients

Article Apr 2018 · Journal of Pediatric and Adolescent Gynecology

Katherine O'Flynn O'Brien · Aletha Akers · Lisa Perriera · Sarita Sonalkar

Six-week retention after post-placental copper intrauterine device placement

Article Nov 2017 · Contraception

Alyssa Covelli Colwill · Courtney A Schreiber · Mary Sammel · Sarita Sonalkar

Objectives: We sought to evaluate the six-week clinical outcomes (IUD retention, recognized expulsions, ability to visualize or palpate strings, and need for ultrasound evaluation) in women who received a TCU380A PPIUD after vaginal (VD) or Cesarean delivery (CD). Study design: We conducted a retrospective cohort study to examine the six-week retention of TCU380A IUDs placed within ten minutes of placental delivery in VD (n=137) and...

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Reducing Pain During Intrauterine Device Insertion: A Randomized Controlled Trial in Adolescents and Young Women

Article Sep 2017 · Obstetrics and Gynecology

Aletha Y Akers · Caren Steinway · Sarita Sonalkar · [...] · J Felipe Garcia-Espana

Objective: To estimate the effect of a 1% lidocaine paracervical nerve block on pain during intrauterine device (IUD) insertion compared with a sham block in adolescents and young women. Methods: We conducted a multisite, single-blind, sham-controlled randomized trial in adolescents and young women having a 13.5-mg levonorgestrel IUD inserted. Enrollment occurred at three family planning clinics in Philadelphia, Pennsylvania. Eligible...

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A randomized pilot evaluation of individual-level abortion stigma resulting from Pennsylvania mandated abortion counseling

Article Jul 2017 · Contraception

Sarita Sonalkar · Elizabeth P. Gurney · Arden Mcallister · Courtney A Schreiber





Objective: To investigate the effect of mandated abortion counseling requirements intended to dissuade women from having abortions on patients' individual-level abortion stigma. Methods: We randomized women presenting for abortion to complete a demographic survey and the validated Individual Level Abortion Stigma (ILAS) scale either before (unexposed) or after (exposed) hearing the mandatory Pennsylvania Abortion Control A...

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Comparison of complications associated with induction by misoprostol versus dilation and evacuation for second-trimester abortion

Article

Jun 2017 · International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics

 Sarita Sonalkar ·  Shannon N Ogden ·  Linda K. Tran ·  Angela Y Chen

Objective: To compare the frequency of complications between medical induction with misoprostol and dilation and evacuation (D&E) for second-trimester uterine evacuation. Methods: In a retrospective cohort study, records were reviewed from all women who underwent second-trimester uterine evacuation between 14 and 24 weeks of pregnancy at an academic hospital in the USA from January 2007 to December 2008. Total...

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Abortion Stigma Resulting From State-Mandated Abortion Consent Language: A Randomized Controlled Trial [10A]

Article

May 2017 · Obstetrics and Gynecology

 Sarita Sonalkar ·  Elizabeth P. Gurney ·  Arden McAllister ·  Courtney Schreiber

Expulsion of Immediate Postplacental Copper IUDs at Six Weeks: A Prospective Cohort Study [5A]

Article

May 2017 · Obstetrics and Gynecology

 Elizabeth Gurney ·  Sarita Sonalkar ·  Arden McAllister · [...] ·  Courtney Schreiber

INTRODUCTION: Postplacental intrauterine device (IUD) placement could improve contraceptive access and child spacing. We sought to report a precise point estimate of the proportion of TCu380A IUDs expelled 6 weeks after immediate postplacental placement, and to assess risk factors for expulsion. METHODS: We enrolled women who received a TCu380A IUD after vaginal delivery beyond 33 weeks gestation from April 2015-August...


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Introducing the World Health Organization Postpartum Family Planning Compendium

Article

[Full-text available](#)

Jan 2017 · International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics

 Sarita Sonalkar ·  Mary E. Gaffield

The postpartum period offers multiple opportunities for healthcare providers to assist with family planning decision making. However, there are also many changing factors during the first year after delivery that can affect family planning choices. Given that several different documents have addressed WHO guidance on postpartum family planning, the electronic WHO Postpartum Family Planning Compendium...

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Reproductive Healthcare in Women With Physical Disabilities: A Qualitative Study of Patients and Providers [9M]

Article

May 2016 · Obstetrics and Gynecology

 Sarita Sonalkar ·  Veronica Chavez ·  Jessica McClusky · [...] ·  Cynthia Mollen

INTRODUCTION: Our objective was to assess patient and provider perspectives regarding barriers to appropriate reproductive healthcare for women with physical disabilities. METHODS: We recruited women with physical disabilities and obstetrics and gynecology (ob/gyn) providers who care for this population at two teaching hospitals. Participants completed 30-minute in-depth, semi-structured interviews using qualitative methodology...

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Six-Week Retention Rate of Immediate Postplacental Intrauterine Devices at a University Teaching Hospital [3N]

Article

May 2016 · Obstetrics and Gynecology

 Alyssa Covelli Colwill ·  Sarita Sonalkar ·  Mary Sammel ·  Courtney Schreiber

INTRODUCTION: Our objective was to determine the 6-week retention rate of IUDs placed within ten minutes of placental delivery at a university teaching hospital. METHODS: We conducted a retrospective cohort study via chart review examining the 6-week retention rate of the TCu380A IUD placed within ten minutes of placental delivery in vaginal (n=139) and cesarean (n=73) deliveries. For women who did not attend their postpartum...

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Does the Use of Bedsider.org Increase Long-Acting Reversible Contraception Uptake in Patients Presenting for Induced First-Trimester Abortion? [21]

Article

May 2015 · Obstetrics and Gynecology

 Sarita Sonalkar ·  Jessica McClusky ·  Rachna Vanjani ·  Olivera Vragovic


The objective of this randomized controlled trial was to assess if contraceptive counseling aided by the web site Bedsider.org, as compared with routine counseling, improves uptake of long-acting reversible contraception (LARC) in women ages 18-29 years seeking first-trimester induced abortion. Between September 2012 and November 2013, we randomized preoperative abortion clinic days to incorporate either contraceptive...

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Barriers to Immediate Postplacental Intrauterine Devices Among Attending Level Educators [190]

Article

May 2015 · Obstetrics and Gynecology

 Laura Daniela Michelis ·  Erica Holland ·  Christine L Curry ·  Sarita Sonalkar





The purpose of the study is to determine whether there are barriers to immediate postplacental intrauterine device (IUD) placement at the health care provider level. Obstetric providers at seven academic teaching hospitals in Massachusetts were asked to complete an electronic survey regarding

their knowledge, experience, and opinion of immediate postplacental IUDs. The survey tool was designed through the research electronic data...

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Depot Medroxyprogesterone Acetate (DMPA) administration at the time of mifepristone for medical abortion: a pilot study

Article Nov 2014 · Contraception

 Sarita Sonalkar ·  Jessica McClusky ·  Melody Y Hou ·  Lynn Borgatta

We sought to evaluate satisfaction with timing of administration and continuation rates of depot medroxyprogesterone (DMPA) when given on the initial visit for first-trimester medical abortion. In this pilot study, we administered DMPA within 15 min of mifepristone administration. Participants were followed up in the clinic 7 days after enrollment and were contacted at 14 days, 28 days and 3, 6, 9 and 12 months by telephone. We assessed...

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Mifepristone and misoprostol versus osmotic dilator use prior to surgical abortion at 15–18 weeks: a noninferiority study

Article Sep 2014 · Contraception

 Lynn Borgatta ·  S. Sonalkar ·  J. McClusky · [...] ·  M. Finesseth

Contraceptive counseling for women undergoing medical and surgical weight loss: a feasibility study

Article Sep 2014 · Contraception

 A. Paris ·  J. McClusky ·  S. Sonalkar · [...] ·  Lynn Borgatta

Mifepristone and Misoprostol Compared With Osmotic Dilator Insertion Before Surgical Abortion at 15–18 Weeks

Article May 2014 · Obstetrics and Gynecology

 Amy E Paris ·  Sarita Sonalkar ·  David Kattan · [...] ·  Lynn Borgatta

Cervical preparation is recommended before surgical evacuation of second-trimester pregnancies. Both mechanical (osmotic dilator) and pharmacologic (misoprostol) methods are used in the United States. Mifepristone facilitates medical abortion in the second trimester. The combination of mifepristone and misoprostol may effectively permit evacuation without the need for osmotic dilators. A randomized controlled tri...

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Programmatic aspects of postpartum family planning in developing countries: A qualitative analysis of key informant interviews in Kenya and Ethiopia

Article Sep 2013 · African Journal of Reproductive Health

 Sarita Sonalkar ·  Sheila Mody ·  Sharon J Phillips ·  Mary E Gaffield

To achieve the improved maternal and child outcomes of birth spacing, family planning in the postpartum period is essential. The objective of this study is to determine the perceptions regarding programmatic aspects of postpartum family planning by key informants in 17 countries determined to have high unmet need for postpartum family planning. We present interim data from structured interviews of key informants in Kenya and...

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Erratum to "Administration of the etonogestrel contraceptive implant on the day of mifepristone for medical abortion: a pilot study" [Contraception 88 (2013) 671–673]

Article Jul 2013 · Contraception

 Sarita Sonalkar ·  Melody Y. Hou ·  Lynn Borgatta

We sought to determine satisfaction and continuation rates of the contraceptive implant when placed on the initial visit for first-trimester medical abortion. In this pilot study, we placed the implant within 15 min of mifepristone administration. We assessed satisfaction with implant placement timing, 1-year implant continuation and abortion completion. We enrolled 20 participants. Sixteen (80%) returned for follow-up, and all had complet...

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One-year continuation of the etonogestrel contraceptive implant in women with postabortion or interval placement

Article May 2013 · Contraception

 Alice Mark ·  Sarita Sonalkar ·  Lynn Borgatta

Our study investigated whether women with etonogestrel implant placement in the immediate postabortion period have similar continuation rates to women with interval placement. This is a prospective cohort study of women at Boston Medical Center. We compared 1-year continuation rates in women who had immediate postabortion placement to interval placement using Cox proportional hazard models. One hundred five women were...

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Outreach and integration programs to promote family planning in the extended postpartum period

Article

Jan 2013 · International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics

 Sarita Sonalkar ·  Sheila Mody ·  Mary E. Gaffield

Background WHO recommends birth spacing to improve the health of the mother and child. One strategy to facilitate birth spacing is to improve the use of family planning during the first year postpartum. Objectives To determine from the literature the effectiveness of postpartum family-planning programs and to identify research gaps. Search strategy PubMed and the Cochrane Central Register of Controlled Trials were systematically...

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Inflammation or infection at the time of second trimester induced abortion

Article Oct 2012 · Contraception

 Danielle Roncari ·  Joseph A Politch ·  Sarita Sonalkar · [...] ·  Lynn Borgatta

Background: Induced abortion via dilation and evacuation (D&E) typically involves cervical preparation. Some clinicians also induce fetal death in the second trimester. We designed this study to determine if the combination of intra-amniotic digoxin and osmotic dilators induced intrauterine inflammatory changes. Study design: Twenty-two women requesting abortion at 19-23 weeks gestation had amniotic fluid sent for measurement o...

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Etonogestrel implant at the time of Mifepristone for medical abortion

Article Sep 2012 · Contraception

S. Sonalkar · M. Hou · M. Finneseth · [...] · Lynn Borgatta

Immediate postplacental IUD placement after cesarean and vaginal deliveries at an academic training center

Article Aug 2012 · Contraception

C.L. Curry · R. Iverson · N. Rindos · S. Sonalkar

Mifepristone vs. osmotic dilator insertion for cervical preparation prior to surgical abortion at 14-16 weeks: A randomized trial

Article Jun 2012 · Contraception

Lynn Borgatta · Danielle Roncari · Sarita Sonalkar · [...] · Olivera Vragovic

Cervical preparation is recommended before second-trimester abortion. We investigated the use of a pharmacologic method of preparation, mifepristone, as compared to osmotic dilators for surgical abortions at 14-16 weeks. This was a randomized, parallel-group study with concealed allocation. Women were allocated to receive osmotic dilators or mifepristone 200 mg orally 24 h prior to abortion. The study population was 50...

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Hormonal Contraception and Mood

Article Sep 2011 · Contraception

Andrea Rapkin · Sarita Sonalkar

IntroductionBackground Effect of hormonal contraceptives on mood in women without mood disordersEffect of hormonal contraceptives on mood in women with mood symptoms or disordersConclusions

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Mifepristone vs. osmotic dilator insertion for cervical preparation prior to surgical abortion at 14–16 weeks

Article Sep 2011 · Contraception

Lynn Borgatta · D. Roncari · S. Sonalkar · [...] · M. Finneseth

One-year continuation of etonogestrel contraceptive implant in women with postabortal vs. interval placement

Article Sep 2011 · Contraception

Alice Mark · S. Sonalkar · Lynn Borgatta

Hormonal Contraception and Mood: Shoupe/Contraception

Incollection Feb 2011

Andrea Rapkin · Sarita Sonalkar

Citations (9)

... However, since the uptake of mifepristone is rapid with maximal serum concentrations at 1 hour after ingestion (according to the summary of products characteristics for mifepristone), insertion of an etonogestrel containing implant 1 hour after administration of mifepristone may not impact upon the efficacy of the medical abortion process. There are few pilot studies reporting on the insertion of the etonogestrel releasing implant at the time of mifepristone in medical abortion (Church et al., 2010 , Sonalkar et al., 2013 , Barros Pereira et al., 2015). In addition there is one randomized study performed in Mexico and the United States (Raymond et al., 2016). ...

Reference: [Immediate versus delayed insertion of an etonogestrel releasing implant at medical abortion - A randomized controlled equivalen...](#)

Erratum to "Administration of the etonogestrel contraceptive implant on the day of mifepristone for medical abortion: a pilot study" [Contraception 88 (2013) 671–673]

Citing article Jul 2013 · PubMed

Sarita Sonalkar · Melody Y Hou · Lynn Borgatta

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... Of the total 167 women enrolled, 60.5% received termination due to fetal structural and/or chromosomal anomaly, 30.5% was due to intrauterine fetal demise, and less than 9% was for other maternal indications. WBCs obtained before induction of labor were similar between the two groups, showing no significant difference in baseline condition in terms of systemic inflammation [6]. There is a considerable amount of controversies on the topic of optimal method for midtrimester termination, that is, the safest measure that is not only efficient, but also produces the fewest number of complications, the least amount of stress for the patients, and the most cost-effective. ...

Reference: [Transcervical double-balloon catheter as an alternative and salvage method for medical termination of pregnancy in midtrimester](#)

Inflammation or infection at the time of second trimester induced abortion[Citing article](#) Oct 2012 · PubMedD. Roncari · Joseph A Politch · Sarita Sonalkar · Molly Finneseth ·  Lynn Borgatta[View](#)

... Measurement of integrated healthcare delivery poses challenges, including determining what to measure and how to measure it in a cost-effective way. [17][18][19] Authors of a systematic review of integrated services ascribe the difficulty in measurement to the variety in services integrated and approaches used. 17 Another systematic review of studies in mostly developed settings found that measurement methods used were relatively resource intensive, such as patient and provider surveys, focus group discussions, hospital manager or policy-maker questionnaires or qualitative interviews, reviews of patient data or medical records and direct observation. ...

Reference: [Postpartum family planning integration with maternal, newborn and child health services: A cross-sectional analysis of client flo...](#)

Programmatic aspects of postpartum family planning in developing countries: A qualitative analysis of key informant interviews in Kenya and Ethiopia[Citing article](#) Sep 2013 · PubMedSarita Sonalkar · Sheila K Mody ·  Sharon J. Phillips · Mary E Gaffield[View](#)

... Measurement of integrated healthcare delivery poses challenges, including determining what to measure and how to measure it in a cost-effective way. [17][18][19] Authors of a systematic review of integrated services ascribe the difficulty in measurement to the variety in services integrated and approaches used. 17 Another systematic review of studies in mostly developed settings found that measurement methods used were relatively resource intensive, such as patient and provider surveys, focus group discussions, hospital manager or policy-maker questionnaires or qualitative interviews, reviews of patient data or medical records and direct observation. ...

Reference: [Postpartum family planning integration with maternal, newborn and child health services: A cross-sectional analysis of client flo...](#)

Outreach and integration programs to promote family planning in the extended postpartum period[Citing article](#) Jan 2013

Sarita Sonalkar · Sheila K Mody · Mary E Gaffield

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... After years of relative neglect, Postpartum Family Planning is currently receiving considerable global attention, most notably (but not exclusively) in connection with the global FP2020 initiative [1][2][3][4]. About one-quarter of inter-birth intervals in low-and middle-income countries are less than 24 months in length [5], thus exposing infants to risks of prematurity, low birthweight, and death, and exposing mothers to anemia, puerperal endometritis, premature rupture of membranes, and death [6,7]. ...

Reference: [Levels, trends and correlates of unmet need for family planning among postpartum women in Indonesia: 2007–2015](#)

Introducing the World Health Organization Postpartum Family Planning Compendium[Citing article](#) Jan 2017

Sarita Sonalkar · Mary E Gaffield

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... Long-acting reversible contraceptive (LARC) methods, including the subdermal implant and intrauterine device (IUD), may be highly desired by women who have recently had an induced abortion and are associated with high continuation and satisfaction. [2][3][4] Moreover, compared to women using other postabortion contraception, those choosing LARC have lower repeat abortion rates. [5][6][7] However, the high up-front costs of LARC often prevent clinics from providing them immediately postabortion and serve as a barrier to women desiring these methods. ...

Reference: [Postabortion Contraceptive Use and Continuation When Long-Acting Reversible Contraception Is Free](#)

One-year continuation of the etonogestrel contraceptive implant in women with postabortion or interval placement[Citing article](#) May 2013 · PubMed Alice Mark · Sarita Sonalkar ·  Lynn Borgatta[View](#)

... Attention to contraceptive care for MA patients is needed, particularly considering evidence that MA is increasing, within and outside the legal system [9,14]. Insertion of an implant at the mifepristone visit is feasible [15]; likewise, scheduling IUD insertion a week after mifepristone, rather than 3-4 weeks later, may increase uptake without increasing expulsions [16]. Oral contraceptives can be given in case women do not return for follow-up. ...

Reference: [Postabortion contraception a decade after legalization of abortion in Nepal](#)

Etonogestrel implant at the time of Mifepristone for medical abortion[Citing article](#) Sep 2012

Sarita Sonalkar · Melody Y Hou · Molly Finneseth · R. Petricone ·  Lynn Borgatta[View](#)

... A large study of more than 200,000 women from 14 developing countries reported a median probability of IUD discontinuation of 13.2 % [10]. Higher rates of IUD and IPC discontinuation (and unintended pregnancy) have been observed among women with a history of termination of pregnancy [11][12] [13] [14]. In two post-termination cohorts of women who chose IPC, discontinuation rates as high as 64 per 100 woman-years, and 84 % were re-ported [13, 14]. ...

Reference: [Effects of the copper intrauterine device versus injectable progestin contraception on pregnancy rates and method discontinuati...](#)

Depot Medroxyprogesterone Acetate (DMPA) administration at the time of mifepristone for medical abortion: a pilot study

[Citing article](#) Nov 2014 · PubMed

Sarita Sonalkar · Jessica McClusky · Melody Y Hou ·  Lynn Borgatta[View](#)

... The expulsion rates at 3 months were 10.9 % for IUDs placed after caesarean delivery and 16.4 % for IUDs placed after vaginal delivery ; rates which are slightly higher than ours. A more recent study reported that the expulsion rate for IUDs placed immediately after vaginal delivery was 38 %, while only 12 % of IUDs placed after caesarean delivery were expelled [15] . Similar cumulative expulsion rates for postplacental insertion after caesarean and vaginal delivery have been reported [8, 9]

Reference: [Immediate postplacental insertion of a copper intrauterine device: A pilot study to evaluate expulsion rate by mode of delivery.](#)






Immediate postplacental IUD placement after cesarean and vaginal deliveries at an academic training center

[Citing article](#) Aug 2012

C.L. Curry · R. Iverson · N. Rindos · Sarita Sonalkar

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Top co-authors (50)

-  **Lynn Borgatta**
Boston University
-  **Jessica McClusky**
-  **Courtney Schreiber**
-  **Elizabeth P. Gurney**
-  **Arden McAllister**

Top journals

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- Contraception (6)
- Obstetrics and Gynecology (6)
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- International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics (3)

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