

Table 9	UK Medical Eligibility Criteria for Contraceptive Use (UKMEC) categories for the use of intrauterine contraception for individuals with uterine fibroids
Table 10	UK Medical Eligibility Criteria for Contraceptive Use (UKMEC) categories for the use of intrauterine contraception for individuals at risk of infection
Table 11	UK Medical Eligibility Criteria for Contraceptive Use (UKMEC) categories for the use of intrauterine contraception for individuals with cardiac disease
Table 12	World Health Organization (WHO) Belsey definitions of bleeding patterns with contraceptive use
Table 13	Clinically important bleeding patterns over the first year of levonorgestrel intrauterine device use
Table 14	Amenorrhoea rates by levonorgestrel intrauterine device type over the first year
Table 15	Starting intrauterine contraception (no recent hormonal contraception)
Table 16	Switching to intrauterine contraception from a hormonal contraceptive method
Table 17	Possible causes of new-onset pelvic pain
Table 18	Recommendations for timing of intrauterine contraception removal/replacement
Box 1	Criteria for reasonably excluding pregnancy
Box 2	Intrauterine contraception insertion checklist
Figure 1	Algorithm for insertion of intrauterine contraception (IUC) in individuals taking anticoagulants or antiplatelet medication, adapted from the FSRH CEU Anticoagulant Statement
Figure 2	Management of individuals when intrauterine contraceptive (IUC) threads are not visible on speculum examination

Contents

Abbreviations used	iii
Grading of recommendations	iv
List of tables, boxes and figures	iv
Contents	v
Executive summary of recommendations	x
1 Purpose and scope	1
2 Identification and assessment of the evidence	1
3 Introduction	1
4 Summary including changes to existing guidance	1
5 What is intrauterine contraception (IUC)?	4



5.1	Copper intrauterine device (Cu-IUD)	5
5.2	Levonorgestrel intrauterine device (LNG-IUD)	5
5.3	Types of IUC	6
5.4	Duration of use	7
5.5	Non-contraceptive use	8
5.5.1	Endometrial protection	8
5.5.2	Heavy menstrual bleeding	9
5.5.3	Dysmenorrhoea	10
5.6	Mode of action	11
6	How effective is IUC?	12
6.1	Cu-IUD	12
6.2	LNG-IUD	14
7	Assessing suitability	17
7.1	Suitability of IUC in specific populations	18
7.1.1	Young people, individuals who have never been pregnant and individuals who have never been sexually active	18
7.1.2	Transgender and gender-diverse individuals assigned female at birth (TGD-AFB)	21
7.1.3	After pregnancy	21
7.1.4	Perimenopause	25
7.1.5	After breast cancer	26
7.1.6	Individuals with a raised BMI	27
7.1.7	Individuals with uterine cavity distortion	27
7.1.8	After endometrial ablation	31
7.1.9	After large loop excision of the transformation zone (LLETZ) procedure	32
7.1.10	Individuals at risk of infection	33
7.1.11	Individuals who are immunosuppressed or taking immunosuppressants	35
7.1.12	Adrenal insufficiency	37
7.1.13	Ehlers–Danlos syndrome (EDS)	38
7.1.14	Individuals with cardiac disease	39
7.1.15	Individuals with inherited bleeding disorders	43
7.1.16	Allergy and sensitivity	43
7.1.17	Wilson's disease and copper toxicity	45

8	Health risks associated with IUC use	46
8.1	Breast cancer	46
8.2	Ovarian cysts	47
8.3	Bone mineral density	49
9	Side effects associated with IUC use	50
9.1	Bleeding patterns	50
9.1.1	Cu-IUD	50
9.1.2	LNG-IUD	52
9.2	Hormonal side effects	56
9.3	Libido	58
9.4	Weight	59
10	IUC insertion	59
10.1	Discussion	59
10.2	When can IUC be inserted?	60
10.3	Insertion checklist	67
10.4	How can safe insertion of IUC be facilitated?	68
10.4.1	Training	68
10.4.2	Informed consent	68
10.4.3	Assistants	68
10.4.4	Chaperones	68
10.4.5	Check device has not expired	69
10.5	Practical aspects of IUC insertion	69
10.5.1	Examination	69
10.5.2	Measurement of pulse rate and blood pressure	69
10.5.3	Cervical cleansing	69
10.5.4	Sterile gloves	70
10.5.5	Use of forceps/tenaculum and assessment of the uterine cavity	70
10.6	Pain associated with IUC insertion	70
10.7	Post-procedure analgesia	78
11	Emergency management for problems at IUC insertion	78
12	Documentation	78
13	Aftercare advice and follow-up	79



13.1	Device information	79
13.2	Follow-up	79
13.3	Checking threads	79
13.4	When to seek review	80
13.5	Advice about use of menstrual cups, discs and tampons	80
13.6	Advice for individuals requiring magnetic resonance imaging	81
14	Managing problems associated with IUC	82
14.1	Unscheduled bleeding	82
14.2	New-onset pelvic pain	83
14.3	Pregnancy	84
14.4	Infection	87
14.4.1	Pelvic inflammatory disease	87
14.4.2	Candida	89
14.4.3	Bacterial vaginosis	89
14.4.4	Actinomycosis and presence of actinomyces-like organisms	90
14.5	Malpositioned IUC	91
14.5.1	Management of malpositioned IUC	92
14.6	Expulsion	97
14.7	Perforation	99
14.8	Thread problems	101
14.8.1	Non-visible threads	101
14.8.2	Thread problems after immediate PPIUC insertion	102
14.8.3	PPIUC: long threads	102
14.8.4	PPIUC: device visible at cervix (partial expulsion)	104
15	IUC removal	104
15.1	Facilitating safe removal	104
15.2	Timing of removal/replacement	105
15.3	Unexpected findings at IUC removal	106
15.3.1	Broken/incomplete device	106
15.3.2	Removal of an unusual device	107
15.3.3	Difficult removals	107
16	Cost-effectiveness of IUC	108

Recommendations for future research	108
Considerations for implementation of this guideline	108
Useful links	109
References	109
Appendices	129
Appendix 1: FSRH Clinical Guideline development process	129
Appendix 2: Example pathway for postpartum intrauterine contraception (PPIUC) follow-up	135
Appendix 3: Aftercare following immediate postpartum intrauterine device (PPIUC) insertion – guidance for clinicians	136
Questions for continuing professional development	139
Auditable outcomes	140
Comments and feedback on published guideline	142

Information box

Title	Intrauterine Contraception March 2023
Author/publisher	Faculty of Sexual & Reproductive Healthcare
Publication date	March 2023
Superseded document	Intrauterine Contraception (April 2015, amended September 2019)
Review date	March 2028
Available online	https://www.fsrh.org/standards-and-guidance/documents/ceuguidanceintrauterinecontraception/