

Supplementary file 2. Cases of endometrial cancer after endometrial ablation (N=38 cases), 24 articles.

Author (year)	Ablation method	Age at cancer diagnosis, year	Risk factors	Symptoms	Diagnostic work-up	Time from ablation to cancer diagnosis	Treatment	Pathological findings after treatment (FIGO stage 1988)
AIHilli et al. (2011)	Radiofrequency ablation	47	Obesity, hypertension	Vaginal bleeding	Ultrasound, hysteroscopy, biopsy	5 years	Hysterectomy + BSO	Stage IA, endometrial adenocarcinoma, grade 1
Areia et al. (2006)	Resectoscope + rollerball	50	Nulliparous	Intense pelvic pain	NA	30 months	Hysterectomy + BSO	Endometrial adenocarcinoma, grade 1
Argall et al. (2016) 1 st case	Thermal balloon + radiofrequency	47	NA	NA	Biopsy	34 months	Hysterectomy	Stage IA, endometrioid adenocarcinoma, grade 1
2 nd case	NA	53	NA	NA	Biopsy	5 years	Hysterectomy	Stage IA, endometrioid adenocarcinoma, grade 2
Arora et al. (2020)	NA	NA	NA	NA	Biopsy	NA	Hysterectomy	Endometrial adenocarcinoma, grade 1
Baggish et al. (1995)	Rollerball	52	Morbid obesity, DM, hypertension	Vaginal bleeding	Pap smear with abnormal endometrial cells, CT-scan	6 months	Hysterectomy + BSO and pelvic washings	Stage I, endometrioid adenocarcinoma, grade 1
Bhattacharya et al. (2011) 1 st case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA
2 nd case	Non hysteroscopic endometrial	NA	NA	NA	NA	NA	NA	NA

	ablation							
Brooks-Carter et al. (2000)	Rollerball	55	Morbid obesity, DM, hypertension	Vaginal bleeding	Biopsy	5 years	Radiation therapy + intrauterine cesium implants	Villoglandular adenocarcinoma
Cooper et al. (2005)	Microwave ablation + resectoscope	NA	NA	NA	NA	NA	NA	NA
Copperman et al. (1993)	Resectoscope	56	Obesity, DM, hypertension, colon cancer	Vaginal bleeding	Biopsy	5 years	Hysterectomy, + BSO, adjuvant radiation	Stage II/III, Endometrium adenocarcinoma, grade 2
Dood et al. (2014)	NA	NA	NA	NA	NA	5 months	NA	NA
1st case								
2nd case	NA	NA	NA	NA	NA	7.6 months	NA	NA
3rd case	NA	NA	NA	NA	NA	3.6 years	NA	NA
Gaia et al. (2007)	Resectoscope	62	Obesity, HRT	Vaginal bleeding	Ultrasound, biopsy	6 years	Hysterectomy + BSO + bilateral pelvic lymphadenectomy + brachytherapy	Stage IC, Endometrioid adenocarcinoma, grade 1
Iqbal et al. (1997)	Resectoscope	53	None	Vaginal bleeding	Hysteroscopy, biopsy	3 years	Hysterectomy + BSO	Stage IB Endometrioid adenocarcinoma, grade 2
Kalampokas et al. (2018)	Resectoscope	66	Obesity	Vaginal bleeding	NA	18 years	NA	Stage IA, endometrioid adenocarcinoma

1st case								
2nd case	Resectoscope	57	None	Vaginal bleeding	NA	18 years	NA	Stage IA, endometrioid adenocarcinoma
Krogh et al. (2009)	Resectoscope	NA	NA	NA	NA	NA	NA	NA
1st case								
2nd case	Resectoscope	NA	NA	NA	NA	NA	NA	NA
3rd case	Resectoscope	NA	NA	NA	NA	NA	NA	NA
Le Marrec et al. (2009)	Thermal balloon	54	Obesity, breast cancer in history	Vaginal bleeding	Hydrosonography, hysteroscopy, biopsy	6 years	Hysterectomy + pelvic lymph node dissection	Stage IA, endometrioid adenocarcinoma, grade 2
MacMahon et al. (2018)	Thermal balloon	54	Obesity	Vaginal bleeding	Ultrasound, Hysteroscopy, biopsy	8 years	Hysterectomy + BSO	NA
Margolis et al. (1995)	Rollerball	58	Hypertension, diabetes, obesity	Stress incontinence and dysuria	Pelvic exam	3 years	Hysterectomy + BSO	Stage IC, Endometrioid adenocarcinoma, grade 1-2
Morelli et al. (2015)	NA	NA	NA	Asymptomatic	Ultrasound, hysteroscopy, biopsy	NA	NA	Stage IA, Endometrioid adenocarcinoma, grade 2
Neuwirth (2004)	Hysteroscopic endometrial ablation	NA	NA	NA	NA	2.5 years	NA	Stage I, endometrial cancer, grade 1
1st case								
2nd case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA

Ramey et al. (1994)	Rollerball	39	Obesity, PCOS	Vaginal bleeding	Hysteroscopy, biopsy	9 months	Hysterectomy + BSO, appendectomy, pelvic and para-aortic lymph node dissection + peritoneal washings	Stage IA, endometrioid adenocarcinoma, grade 1
Sagiv et al. (2005)	Resectoscope	60	None	Pelvic pain, vaginal bleeding	Ultrasound, failed biopsy	3 years	Hysterectomy + BSO	Stage IC, endometrioid adenocarcinoma, grade 1
Soini et al. (2017) 1st case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA
2nd case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA
3rd case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA
Wortman et al. (2016)	Radiofrequency endometrial ablation	40	None	Extreme cyclic pelvic pain	Ultrasound, hysteroscopy	2 years	Hysterectomy + BSO, lymphadenectomy	Endometrioid adenocarcinoma, grade 1
Wortman et al. (2017) 1st case	Radiofrequency endometrial ablation	41	Obesity, DM	Severe pelvic pain	Ultrasound, failed biopsy, CA-125 elevated	7 years	Hysterectomy	Stage IA, Endometrioid adenocarcinoma, grade 1
2nd case	Rollerball	50	Obesity	Vaginal bleeding	Biopsy	17 years	Hysterectomy + BSO, pelvic and para-aortic	Endometrioid adenocarcinoma, grade

							lymph node dissection	3
3rd case	Thermal balloon	55	Hypertension	Vaginal bleeding	Pelvic exam, ultrasound, PAP smear, biopsy	10 years	Hysterectomy + BSO	Stage IA, Endometrioid adenocarcinoma, grade 1
4th case	Thermal balloon	50	Morbid obesity	Vaginal bleeding and pelvic pain	Hysteroscopic biopsy	7 years	Hysterectomy + BSO with peritoneal washings.	Stage IA, Endometrioid adenocarcinoma, grade 1
5th case	Radiofrequency endometrial ablation	55	Unopposed estrogen	Vaginal bleeding	Ultrasound, hysteroscopy, biopsy	6 years	Hysterectomy + BSO + periaortic and pelvic lymphadenectomy	Stage IA, Endometrioid adenocarcinoma, grade 1

FIGO = Fédération Internationale de Gynécologie et d'Obstétrique; NA = data not available or not described in article; BSO= bilateral salpingo-oophorectomy; DM=Diabetes Mellitus; HRT = Hormone replacement therapy ; PCOS = Polycystic ovary syndrome