

**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)
<b>AIHilli et al. (2011)</b>	Radiofrequency ablation	47	Obesity, hypertension	Vaginal bleeding	Ultrasound, hysteroscopy, biopsy	5 years	Hysterectomy + BSO	Stage IA, endometrial adenocarcinoma, grade 1
<b>Areia et al. (2006)</b>	Resectoscope + rollerball	50	Nulliparous	Intense pelvic pain	NA	30 months	Hysterectomy + BSO	Endometrial adenocarcinoma, grade 1
<b>Argall et al. (2016)</b> 1 <sup>st</sup> case	Thermal balloon + radiofrequency	47	NA	NA	Biopsy	34 months	Hysterectomy	Stage IA, endometrioid adenocarcinoma, grade 1
2 <sup>nd</sup> case	NA	53	NA	NA	Biopsy	5 years	Hysterectomy	Stage IA, endometrioid adenocarcinoma, grade 2
<b>Arora et al. (2020)</b>	NA	NA	NA	NA	Biopsy	NA	Hysterectomy	Endometrial adenocarcinoma, grade 1
<b>Baggish et al. (1995)</b>	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
<b>Bhattacharya et al. (2011)</b> 1 <sup>st</sup> case	Hysteroscopic endometrial ablation	NA	NA	NA	NA	NA	NA	NA
2 <sup>nd</sup> case	Non hysteroscopic endometrial	NA	NA	NA	NA	NA	NA	NA

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

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

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

							lymph node dissection	3
<b>3<sup>rd</sup> case</b>	Thermal balloon	55	Hypertension	Vaginal bleeding	Pelvic exam, ultrasound, PAP smear, biopsy	10 years	Hysterectomy + BSO	Stage IA, Endometrioid adenocarcinoma, grade 1
<b>4<sup>th</sup> case</b>	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
<b>5<sup>th</sup> case</b>	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